

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

**March 23, 2015**

**PLEDGE OF ALLEGIANCE**

**CALL TO ORDER**

5:00 P.M., Board Room, District Office  
15600 Sand Canyon Avenue, Irvine, California

**ROLL CALL**

Directors Matheis, Reinhart, Swan, Withers and President LaMar

**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: Mrs. Joan Irvine Smith's assistant relative to the Dyer Road Wellfield.

2. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Recommendation: Determine that the need to discuss and/or take immediate action on item(s) introduced come to the attention of the District subsequent to the agenda being posted.

<b>CONSENT CALENDAR</b>	<b>Next Resolution No. 2015-7</b>	<b>Items 3-10</b>
3. <u>MINUTES OF BOARD MEETING</u> Recommendation: That the minutes of the March 9, 2015 Regular Board Meeting be approved as presented.		
4. <u>RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS</u> Recommendation: That the Board ratify/approve the meetings and events for Steven LaMar, Mary Aileen Matheis, Douglas Reinhart, and John Withers.		
5. <u>2015 STATE LEGISLATIVE UPDATE</u> Recommendation: That the Board adopt a "SUPPORT" position on AB 149 (Chávez) and an "OPPOSE" position on SB 143 (Stone).		

<b>CONSENT CALENDAR – Continued</b>	<b>Next Resolution No. 2015- 7</b>	<b>Items 3-10</b>
6.	<p><u>FEBRUARY 2015 TREASURY REPORTS</u></p> <p>Recommendation: That the Board receive and file the Treasurer’s Investment Summary Report, the Monthly Interest Rate Swap Summary for February 2015, and Disclosure Report of Reimbursements to board members and staff; approve the February 2015 Summary of Payroll Ach payments in the total amount of \$1,460,738 and approve the February 2015 Accounts Payable Disbursement Summary of Warrants 355667 through 356619, workers’ compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$26,265,154.</p>	
7.	<p><u>DYER ROAD WELLFIELD WELL NO. 5 REHABILITATION FINAL ACCEPTANCE</u></p> <p>Recommendation: That the Board accept construction of the Dyer Road Wellfield Well No. 5 Rehabilitation, project 11693 (4326); authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.</p>	
8.	<p><u>REIMBURSEMENT AGREEMENT BETWEEN IRWD AND THE CITY OF IRVINE FOR INSTALLATION AND ADJUSTMENT OF IRWD FACILITIES TO GRADE</u></p> <p>Recommendation: That the Board authorize the General Manager to execute a Reimbursement Agreement with the City of Irvine for its annual slurry seal and pavement rehabilitation project, Bid No. 15-1003.</p>	
9.	<p><u>PLANNING AREA 6 (PORTOLA SPRINGS) CAPITAL IMPROVEMENTS</u></p> <p>Recommendation: That the Board authorize a budget decrease for Enclave 3 Improvements, project 30426 (4557), in the amount of &lt;\$451,000&gt;, from \$766,700 to \$315,700, and authorize the addition of bridge and trail improvements, project 30508 (5763), to the FY 2014-15 Capital Budget in the amount of \$132,000 for the design and construction of recycled water improvements under an existing supplemental reimbursement agreement with the Irvine Community Development Company for Planning Area 6 (Portola Springs).</p>	

<p><b>CONSENT CALENDAR – Continued</b>      <b>Next Resolution No. 2015- 7</b></p>	<p><b>Items 3-10</b></p>
<p>10.    <u>APPROVAL OF MEMORANDUM RELATIVE TO THE BOARD, COMMITTEE AND OTHER ASSIGNMENTS, AND APPROVAL OF AGENCY AND OUTSIDEORGANIZATION BOARD REPRESENTATION AT MEETINGS/EVENTS FOR 2015</u></p> <p>Recommendation: That the Board approve the Memorandum dated March 23, 2015 entitled Officers of the Board, Committees and Other Assignments; approve attendance for the meetings and events for the Board’s assigned representatives for calendar year 2015 as delineated in the write-up; and adopt a resolution rescinding Resolution No. 2013-19.</p>	<p>Reso No. 2015-</p>
<p><b><u>ACTION CALENDAR</u></b></p>	
<p>11.    <u>SEWER MANHOLE REHABILITATION SERVICES CONTRACT AWARD</u></p> <p>Recommendation: That the Board authorize the General Manager to execute a contract award with Zebron in the amount not to exceed \$825,000 for the period of April 1, 2015 through June 30, 2017.</p> <p>12.    <u>OPERATIONS DATABASE MANAGEMENT SYSTEM</u></p> <p>Recommendation: That the Board authorize the General Manager to execute a contract in the amount of \$208,105 with Hach to purchase and implement the Water Information Management System database management programs.</p> <p>13.    <u>SAN JOAQUIN MARSH AND NATURAL TREATMENT SYSTEM FACILITIES THREE-YEAR MAINTENANCE SERVICES CONTRACT</u></p> <p>Recommendation: That the Board authorize the General Manager to execute a contract with Trugreen Landcare in the amount of \$2,003,904 for landscape maintenance contract services for a three-year term.</p> <p>14.    <u>LANDSCAPE AND IRRIGATION CONTRACT THREE-YEAR AWARD</u></p> <p>Recommendation: That the Board authorize the General Manager to execute three year landscape and irrigation maintenance contracts with Tropical Plaza Nursery, Inc. for \$916,956, and Marina Landscape, Inc. for \$221,502.</p>	

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**ACTION CALENDAR - Continued**

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15. MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES CONTRACT CHANGE ORDER

Recommendation: That the Board approve Contract Change Order No. 25 with Filanc/Balfour-Beatty in the amount of \$280,575.97 to provide lightning protection for the three methane digesters, and to install two deflagration quench tubes outside of the dryer room of the solids handling facility for the Michelson Water Recycling Plant Biosolids and Energy Recovery Facilities, project 20847 (1617).

16. 2015 COMPENSATION SURVEY RESULTS – SALARY SCHEDULE

Recommendation: That the Board authorize the General Manager to implement competitive wage adjustments effective April 1, 2015, Approve the revised Salary Grade Schedule effective April 1, 2015; and adopt a resolution rescinding Resolution No. 2014-52 and establishing revised Schedule of Positions and Salary Rate Ranges.

Reso No. 2015-

17. DESIGN OF STOCKDALE WEST TURNOUT FACILITIES PROJECT

Recommendation: That the Board authorize the addition of the Stockdale West Turnout Facilities, project 11875 (6145) in the amount of \$2,557,500 to the FY 2014-15 Capital Budget; and authorize the General Manager to execute a Professional Services Agreement with Dee Jaspar & Associates, Inc. in the amount of \$114,640 for engineering design and bid support services for the projec11.

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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.

18. A. General Manager's Report

B. Directors' Comments

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**OTHER BUSINESS - Continued**

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18. C. CLOSED SESSION:

- 1) CONFERENCE with Labor Negotiators - Government Code Section 54957.6:  
Agency Designated Representatives: Paul Cook and Jenny Roney  
Employees Organization: Irvine Ranch Water District Employees Association
- 2) CONFERENCE with legal counsel relative to anticipated litigation pursuant to  
Government Code Section 54956.9(d)(4) initiation of litigation (two potential cases); and

D. OPEN SESSION

E. Adjourn

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Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the 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.

March 23, 2015

Prepared and

Submitted by: L. Bonkowski *LB*

Approved by: P. Cook *P. Cook*

CONSENT CALENDAR

MINUTES OF BOARD MEETING

SUMMARY:

Provided are the minutes of the March 9, 2015 Regular Board Meeting minutes for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE MARCH 9, 2015 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – Minutes of March 9, 2015 Regular Board Meeting

EXHIBIT "A"

MINUTES OF REGULAR MEETING – MARCH 9, 2015

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 LaMar on March 9, 2015 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: Reinhart, Withers (arrived at 5:20 p.m.), Matheis, LaMar and Swan.

Directors Absent: None.

Also Present: General Manager Cook, Executive Director of Engineering and Water Quality Burton, Executive Director of Finance and Administration Clary, Executive Director of Operations Sheilds, Executive Director of Water Policy Weghorst, Director of Public Affairs Beeman, Director of Human Resources Roney, Director of Treasury and Risk Management Jacobson, Director of Water Resources Sanchez, Assistant Director of Water Operations Roberts, Legal Counsel Arneson, Secretary Bonkowski, Ms. Christine Compton, Ms. Lyndy Lewis, Ms. Gretchen Maswadeh, Mr. Jim Reed, Mr. Bruce Newell and other members of the public and staff.

WRITTEN COMMUNICATION: None.

ORAL COMMUNICATION:

Mrs. Joan Irvine Smith's assistant asked if the memorandum dated March 9, 2015 on the status of the Dyer Road Wellfield wells is correct. This information was confirmed by General Manager Cook.

PRESENTATION

General Manager Cook commended Director of Water Resources Sanchez on her commitment and outstanding service to the California Urban Water Conservation Council while maintaining superior levels of performance at IRWD. On MOTION by Matheis, seconded and carried (4-0) (Matheis, Reinhart, Swan and LaMar voting aye, and Withers absent), THE FOLLOWING RESOLUTION WAS ADOPTED BY TITLE:

RESOLUTION NO. 2015 -5

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE  
RANCH WATER DISTRICT COMMENDING FIONA SANCHEZ FOR HER  
COMMITMENT AND OUTSTANDING SERVICE TO THE CALIFORNIA  
URBAN WATER CONSERVATION COUNCIL

## PUBLIC HEARING

### ORDINANCE AMENDING REGULATIONS FOR WASTEWATER DISCHARGES TO IRWD SEWERAGE FACILITIES TRIBUTARY TO SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECOND READING AND ADOPTION

General Manager Cook reported that the current IRWD regulations to control industrial discharges to IRWD sewerage facilities tributary to the South Orange County Wastewater Authority (SOCWA) were last amended in 2011 and that periodic amendments to these regulations are needed to incorporate the requirements of new state and federal pretreatment regulations to address changes in administrative procedures and/or as a result of regulatory audits. Mr. Cook said that the draft Ordinance consisted of the updated provisions for the portions of IRWD's sewage collection and treatment systems that are tributary to SOCWA. He said that the first reading and introduction of the Ordinance to amend the regulations was completed at the February 9, 2015 Board meeting.

President LaMar declared this to be the time and place for the hearing on the Ordinance. He asked the Secretary to report the manner by which the Notice of Hearing was given. Secretary Bonkowski said that the Notice of this hearing was published in the Orange County Register on February 2, 2015 and was posted on January 22, 2015 within the IRWD service area tributary to South Orange County Wastewater Authority. She said that the notice was also posted in the District office on January 21, 2015. She then presented an Affidavit of Posting and Proof of Publication for the Board to receive and file. On MOTION BY Matheis, seconded and carried, (4-0) (Matheis, Reinhart, Swan and LaMar voting aye, and Withers absent), **THE AFFIDAVIT OF POSTING THE PROOF OF PUBLICATION PRESENTED BY THE SECRETARY WAS RECEIVED AND FILED.**

President LaMar inquired of the Secretary whether there have been any written communications. Secretary Bonkowski said there were none.

President LaMar asked for a report from the Executive Director of Engineering and Water Quality.

Executive Director of Engineering and Water Quality Burton described the proposed revisions and said that throughout the document, all references to "Los Alisos Wastewater Reclamation Plant" have been changed to "Los Alisos Water Recycling Plant" to reflect the current name of the facility.

Mr. Burton said that Section 814-Notification of the Discharge of Hazardous Waste (40 CFR 403.12(p)(1) was added that is consistent with the wording in 40 CFR 403.12(p)(1) and the US Environmental Protection Agency's (EPA) Model Pretreatment Ordinance (January 2007). He said that the section requires industrial wastewater dischargers to notify IRWD, the EPA Regional Waste Management Division Director, and State hazardous waste authorities in writing of any discharge to the sewer system of a substance, if otherwise disposed of, that would be considered a hazardous waste under 40 CFR 261. The section describes what information the



PUBLIC HEARING (Continued)

notification must include, frequency of notifications and are circumstances that require notifications.

President LaMar inquired whether anyone is present who wished to address the Board concerning the amended Ordinance. There were none.

President LaMar inquired whether there were any comments or questions from members of the Board. There were none.

On MOTION by Swan, seconded and carried, (4-0) (Matheis, Reinhart, Swan and LaMar voting aye, and Withers absent), THE HEARING WAS CLOSED, THE ORDINANCE WAS READ BY TITLE ONLY, FURTHER READING OF THE ORDINANCE WAS WAIVED, AND ORDINANCE NO. 2015-1 WAS ADOPTED:

ORDINANCE NO. 2015-1

ORDINANCE OF THE BOARD OF DIRECTORS OF IRVINE RANCH WATER DISTRICT REPEALING ORDINANCE NO. 2011-1 AND ADOPTING AMENDED REGULATIONS FOR THE DISCHARGE OF WASTEWATER TO SEWERAGE FACILITIES OF THE IRVINE RANCH WATER DISTRICT THAT ARE TRIBUTARY TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

CONSENT CALENDAR

On MOTION by Matheis, seconded and carried (4-0) (Matheis, Reinhart, Swan and LaMar voting aye, and Withers absent), CONSENT CALENDAR ITEMS 5 THROUGH 11 WERE APPROVED AS FOLLOWS:

5. MINUTES OF REGULAR BOARD MEETING

Recommendation: That the minutes of the February 9, 2015 Regular Board meeting be approved as presented.

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

Recommendation: That the Board ratify/approve meetings and events for Steven LaMar, Mary Aileen Matheis, Douglas Reinhart, Peer Swan and John Withers.

CONSENT CALENDAR (CONTINUED)

7. 2015 PROJECT MANUAL

Recommendation: That the Board adopt a resolution by title rescinding Resolution No. 2013-4 and revising the District's Project Manual subject to non-substantive changes.

RESOLUTION NO. 2015 -6

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT, ORANGE COUNTY,  
CALIFORNIA, RESCINDING RESOLUTION NO. 2013-4  
AND REVISING STANDARD FORM CONSTRUCTION  
CONTRACT DOCUMENTS

8. UPCOMING PROJECTS STATUS REPORT

Recommendation: Receive and file.

9. MICHELSON WATER RECYCLING PLANT PHASE II EXPANSION  
LANDSCAPING FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Michelson Water Recycling Plant Phase II Expansion Landscaping, projects 20214 (1599) and 30214 (1706); authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

10. BOOSTER PUMP STATION CHECK VALVE REPLACEMENT FINAL  
ACCEPTANCE

Recommendation: That the Board accept construction of the Booster Pump Station Check Valve Replacement, project 11751 (5116); authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

11. JANUARY 2015 TREASURY REPORTS

Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the Monthly Interest Rate Swap Summary for January 2015, and Disclosure Report of Reimbursements to Board members and staff; approve the January 2015 Summary of Payroll ACH payments in the total amount of \$1,459,175 and approve the January 2015 accounts payable Disbursement Summary of Warrants 354855 through 355666, Workers' Compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$31,983,786.

## ACTION CALENDAR

### ON-CALL PROGRAMMING AND DATABASE CONSULTANTS VARIANCE APPROVAL

Executive Director of Finance and Administration Clary reported that in May 2014, the Board authorized the General Manager to execute a Professional Services Agreement in the amount of \$120,000 with Outsource Technical for On-call Database Support Services. Ms. Clary said that staff utilized the contract to provide backfill for regular positions that were assigned full-time to the Oracle Customer Care & Billing (CC&B) project as well as fill a vacant full-time position. While recruiting is in progress for a full-time regular resource, the contract resource is needed until the resource can be hired.

Ms. Clary said that additionally in July 2014, the Board authorized the General Manager to execute a Professional Services Agreement in the amount of \$300,000 with Outsource Technical for On-call Programming and Networking Services. Staff utilized the contract to provide backfill for regular positions that were assigned full time to the Oracle CC&B project as well as fill vacant full-time positions. Recruiting is in progress for two full-time regular resources, but the contract resources are needed to fill in until the regular resources are hired.

Director Swan said that this item was reviewed and approved by the Finance and Personnel Committee on February 17, 2015. On MOTION by Swan, and carried (4-0) (Matheis, Reinhart, Swan and LaMar voting aye, and Withers absent), **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCES TO PROFESSIONAL SERVICES AGREEMENTS WITH OUTSOURCE TECHNICAL; VARIANCE NO. 3 IN THE AMOUNT OF \$99,000 FOR THE ON-CALL DATABASE SUPPORT SERVICES AGREEMENT; AND VARIANCE NO. 2 IN THE AMOUNT OF \$201,000 FOR THE ON-CALL PROGRAMMING AND NETWORKING SERVICES AGREEMENT.**

## OTHER BUSINESS

### GENERAL MANAGER'S REPORT

General Manager Cook provided an update on discussions he and Mr. Paul Weghorst had with the Orange County Water District staff and Groundwater Producers relative to the proposed replenishment assessment split of which the first half was to be given to the agricultural producers. He said that these issues are anticipated to be resolved in early summer.

Mr. Cook reported on the south basin cleanup case and that the impacted agencies (i.e., Fullerton, Santa Ana, Mesa, and IRWD) have been talking with the Orange County Business Council to develop a collaborative process.

Director Withers arrived at 5:20 p.m.

Mr. Cook further reported on his recent attendance at an Orange County Business Council Advocacy Day in Sacramento.

## DIRECTORS' COMMENTS

Director Withers reported on his attendance at a recent LAFCO Summit and an OCSD Legislative Committee meeting.

Director Swan reported on his attendance at CASA and ACWA conferences in Washington, D.C., a Newport Chamber of Commerce Legislative meeting, a WACO monthly meeting, and an OCWD meeting where the replenishment assessment split was discussed.

Director Reinhart reported on his attendance at the Urban Water Institute's conference in Palm Springs.

Director Matheis also reported on her attendance at the Urban Water Institute conference and noted the Mission Springs case discussion relative to raising rates, and asked if IRWD is covered by a specific code. Legal Counsel Arneson said she would confirm that IRWD is covered by comparable provisions creating an obligation to run a fiscally sound District and noted that the Bighorn case had mentioned this issue.

Director Matheis further reported on her attendance at the ACWA conference in Washington, D.C. along with a MWDOC luncheon held during this conference.

Director LaMar also reported on his attendance at the ACWA conference in Washington, D.C.

IRWD's consultant Jim Reed noted that Mr. Bruce Newell, an IRWD consultant, had received the Orange County Reserve Fireman of the Year Award. Mr. Reed further reported on the meetings he attended on behalf of IRWD including a WACO monthly meeting, an OCWA lunch meeting, an ISDOC meeting, a SOCWA Board meeting, and a City of Lake Forest council meeting.

## CLOSED SESSION

President LaMar reported that the following Closed Sessions would be held this evening:

CLOSED SESSION CONFERENCE with legal counsel regarding Existing Litigation, Government Code 54956.9(d)(1) – Mid Century Insurance v. IRWD, v. Patrick Madden Morgan and the Paper Company;

CLOSED SESSION CONFERENCE with legal counsel relative to anticipated litigation pursuant to Government Code Section 54956.9(d)(4) initiation of litigation (one potential case); and

CLOSED SESSION CONFERENCE with Labor Negotiators - Government Code Section 54957.6:

Agency Designated Representatives: Paul Cook and Jenny Roney  
Employees Organization: Irvine Ranch Water District Employees Association

OPEN SESSION

Following the Closed Session, the meeting was reconvened with all Directors present. President LaMar said that there was no action to report.

ADJOURNMENT

There being no further business, President LaMar adjourned the meeting at 7:50 p.m.

APPROVED and SIGNED this 23rd day of March, 2015.

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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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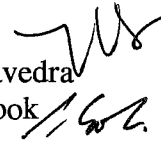
Legal Counsel - Bowie, Arneson,  
Wiles & Giannone

March 23, 2015

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

3/20/15 Monthly Discussion w/General Manager Paul Cook re: District Activities  
4/02/15 Orange County Business Council Chairman's Leadership Breakfast  
4/09/15 Association of California Cities-OC Installation of Board of Directors  
4/24/15 Southern California Water Committee Quarterly Meeting

Mary Aileen Matheis

3/19-20/15 California Water Policy Conference, Claremont, CA  
3/25/15 Water Education Foundation Executive Briefing, Sacramento, CA  
3/26/15 Orange County Forum  
4/02/15 Orange County Business Council Chairman's Leadership Breakfast

Douglas Reinhart

3/19/15 Irvine Police Department Awards Banquet

John Withers

3/26/15 Orange County Forum  
4/24/15 Southern California Water Committee Quarterly Meeting

RECOMMENDATION:

THAT THE BOARD RATIFY/APPROVE THE MEETINGS AND EVENTS FOR STEVEN LAMAR, MARY AILEEN MATHEIS, DOUGLAS REINHART, AND JOHN WITHERS AS DESCRIBED.

LIST OF EXHIBITS:

None

March 23, 2015

Prepared by: C. Compton

Submitted by: P. Weghorst *PW*

Approved by: Paul Cook *[Signature]*

## CONSENT CALENDAR

### 2015 STATE LEGISLATIVE UPDATE

#### SUMMARY:

This report provides an update on the 2015-2016 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 consider the following positions:

- AB 149 (Chávez, R- Oceanside)- Urban Water Management Plans— “*SUPPORT*”; and
- SB 143 (Stone, R-Indio)- Diamond Valley Reservoir: Recreational Use— “*OPPOSE*”.

#### BACKGROUND:

The 2015 bill introduction deadline was February 27, 2015. Nearly 2,300 bills were introduced, exclusive of constitutional amendments and resolutions. On the Assembly side, 1,504 bills were introduced while the Senate introduced 793 bills. Many of the introduced bills contain spot or intent language; however, a number of bills include substantive proposals. With the introduction deadline having passed, the 2015 legislative session will come into full swing with policy committees ramping up and legislators working to amend their legislation so that it will be heard by the May policy committee deadlines.

A wide variety of bills have been introduced on issues of interest to IRWD including public contracting and water supplies. There are also a number of bills related to greenhouse gas emissions, energy, Urban Water Management Plans and groundwater management. Many of these bills are expected to have significant amendments prior to their first policy committee hearings. As such, staff will monitor proposals and bring updates and recommendations to the Water Resources Policy and Communications Committee and the Board, as appropriate.

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

#### State Budget Update:

##### *January’s Revenue Numbers*

On February 10, 2015, State Controller Betty Yee released her monthly report on the State’s finances. She announced that the State took in \$12.6 billion during the month of January. This amount was \$138.1 million, or 1.1 percent, below budget estimates.

“Year-to-date revenues are \$15.5 million behind estimates adjusted upward a month ago, when the Governor released his budget proposal. Year-to-date income tax receipts have exceeded the Governor’s expectations by \$9.3 million. Corporate tax receipts are

currently \$144.3 million ahead of fiscal year estimates, or 3.7 percent. Sales and use taxes total \$129.1 million, or 1.1 percent below expectations for the fiscal year.”

(“*Controller Releases January Cash Update*”,  
[http://www.sco.ca.gov/eo\\_pressrel\\_16046.html](http://www.sco.ca.gov/eo_pressrel_16046.html))

The State ended the month with a General Fund cash deficit of \$10.7 billion, which was covered by internal and external borrowing. This figure is down from a year ago, when the State had a cash deficit of \$12.6 billion, and is slightly below the projection of \$10.9 billion included in the Governor’s budget proposal.

California Climate Leadership: *Powering the New Economy*:

In his inaugural address, Governor Brown introduced his vision for California to play an even larger leadership role in the fight against climate change. In his January budget, he proposed specific actions that California should take in 2015 to achieve his climate change vision. Specifically, that California develop a greenhouse gas (GHG) emissions reduction target for 2030, decarbonize its electricity by significantly increasing the share of renewable energy, improve the energy efficiency of California’s existing building stock, and reduce the use of petroleum-based transportation fuels and the number of vehicle miles traveled statewide, among other actions.

On February 10, 2015, Senate President pro Tempore Kevin de León, agreeing with the Governor’s vision, unveiled one of his leadership initiatives for 2015— the California Climate Leadership Package. The California Climate Leadership Package is a package of four legislative proposals intended to strengthen California’s “clean-energy” economy. The proposals, which were the first series of bills introduced in the Senate intended to combat climate change, seek to preserve California’s environment by focusing on pollution reduction, energy efficiency and reduced petroleum use.

The California Climate Leadership Package includes:

- ***SB 32 (Pavley, D-Agoura Hills)- California Global Warming Solutions Act of 2006: Emissions Limit:*** AB 32, the California Global Warming Solutions Act of 2006, requires the California Air Resources Board (CARB) to adopt a statewide GHG emissions limit for 2020 equivalent to the statewide GHG emissions level in 1990. SB 32 would require CARB to adopt a statewide GHG emissions limit for 2050 that is equivalent to 80 percent below the 1990 level. It would also authorize CARB to set interim GHG emission level targets for 2030 and 2040.
- ***SB 185 (de León, D-Los Angeles)- Public retirement systems: Public Divestiture of Thermal Coal Companies Act:*** SB 185 would require the Public Employees’ Retirement System and State Teachers’ Retirement System to divest its funds of any investment in thermal coal and would prohibit any new investment in companies engaged in the combustion of coal.



- ***SB 189 (Hueso, D-San Diego)- Clean Energy and Low-Carbon Economic and Jobs Growth Blue Ribbon Committee:*** SB 189 proposes to create the Clean Energy and Low-Carbon Economic and Jobs Growth Blue Ribbon Committee. The committee will advise state agencies on the most effective ways to maximize California's economic benefits and job growth via actions and investments in a cleaner, low-carbon economy through State policy and the expenditure of clean energy and GHG-related funds.
- ***SB 350 (de León, D-Los Angeles/Leno, D-San Francisco)- Clean Energy and Pollution Reduction Act of 2015:*** SB 350 proposes to codify as a State goal the reduction of petroleum use by 50 percent, increase energy efficiency in buildings by 50 percent and increasing the current Renewable Portfolio Standard (RPS) to 50 percent. Specifically, SB 350 would require CARB to adopt vehicle emissions standards intended to achieve a 50 percent reduction in petroleum use in motor vehicles by January 1, 2030. The bill would require the California Energy Commission, by January 1, 2017, and at least once every three years thereafter, to adopt an update to its current program, which seeks to achieve greater energy savings in California's existing residential and nonresidential building stock, so that it achieves a doubling of energy efficiency in buildings by January 1, 2030. The bill would also increase the RPS from 33 percent to 50 percent by 2030.

Senate President pro Tempore Kevin de León has stated that the two main objectives for these bills are to create real jobs for Californians and to clean up the environment. More information on the California Climate Leadership Package can be found at <http://focus.senate.ca.gov/climate>.

#### IRWD 2015 Legislative Priorities:

##### *Proposition 1 Implementation:*

Last month, the Assembly Water, Parks and Wildlife Committee and the Senate Budget and Fiscal Review Committee held hearings related to the implementation of Proposition 1. At both hearings, the committees heard from the Legislative Analyst's Office (LAO) and from the various State agencies responsible for implementing Proposition 1.

On February 11, 2015, the LAO released a report entitled "*The 2015-2016 Budget: Effectively Implementing The 2014 Water Bond.*" The report outlines three key principles the LAO recommends be followed as Proposition 1 is implemented. The three key principles are:

- ***"Furthering State Priorities:*** The state should make sure that programs are implemented in ways that further its priorities, specifically those laid out in Proposition 1 and other statutes. This will ensure that expenditures are consistent with other state activities.
- ***Funding Cost-Effective Projects for the State:*** State funds should be used to support state-level public benefits. Projects should generate more benefits than would otherwise occur and provide benefits over a long period of time.

- ***Ensuring Accountability and Oversight:*** Departments should collect and evaluate data on project outcomes to better allow the Legislature and voters to understand what has been achieved with the investment of the bond dollars.”

(LAO, *The 2015-2016 Budget: Effectively Implementing The 2014 Water Bond*, page 14)

The report also provided a number of recommendations for implementing the bond to ensure that the most cost-effective projects are selected for funding and that sufficient oversight and evaluation are provided. The recommendations include items such as:

- Ensure funding is targeted to state-level public benefits;
- Require robust cost-effective criteria for project selection;
- Consult with technical experts when needed;
- Require departments to submit staffing plans for all bond-related activities; and
- Facilitate oversight of projects, programs and outcomes.

The report also includes a summary of LAO recommendations related to the Governor’s January budget proposal to appropriate \$532.5 million in Proposition 1 funds in Fiscal Year 2015-16. The LAO’s recommendations have been reproduced below.

*Summary of LAO Recommendations on Governor’s Proposals*

Issue	Governor’s Proposal	LAO Recommendation
<b>Water Storage- Department of Water Resources (DWR)</b>	\$3 million and 12 positions for DWR to provide administrative support to the California Water Commission for its water storage program.	Require the California Water Commission to report to the Legislature on how it will determine what are state-level public benefits.
<b>Watershed Restoration and Protection- Conservancy Restoration Projects</b>	\$84 million and 13 positions for ten state conservancies and for the Ocean Protection Council to conduct restoration and habitat conservation work.  Includes budget bill language to allow the San Diego Conservancy to transfer funds among purposes.	Reject budget bill language and require the San Diego Conservancy to specify amounts to be spent on state operations versus other purposes.  Require the California Natural Resources Agency to report at budget hearings on conservancies’ project selection process and guidelines.
<b>Watershed Restoration and Protection- Wildlife Conservation Board</b>	\$39 million and 4.5 positions for the Wildlife Conservation Board to increase stream flow, such as by purchasing long-term water transfers (at least 20 years) and implementing irrigation efficiency	Ensure that under the Wildlife Conservation Board grant guidelines (1) the state pays a reasonable price for purchasing water, (2) the reductions in water use would be additional to what would have happened otherwise, and (3)

	improvements.	Wildlife Conservation Board’s purchases of water or other activities do not duplicate regulations.  Utilize outside technical experts (such as water lawyers) in developing guidelines.
<b>Groundwater Sustainability Plans and Projects-</b> <i>Department of Water Resources</i>	\$22 million and 5.5 positions for DWR to fund the development of local groundwater sustainability plans and the installation of groundwater monitoring wells.	Require funds for developing groundwater management plans only be available to disadvantaged communities.
<b>Water Use Efficiency-</b> <i>Department of Water Resources</i>	\$23 million and 9 positions to DWR for agricultural and urban water use efficiency projects.	Require use of Water Plan definition of “net water savings” when calculating benefits.  Utilize outside technical experts (such as academic researchers) to implement and evaluate water use efficiency projects.
<b>Water Recycling-</b> <i>State Water Resources Control Board (SWRCB)</i>	\$132 million and 7 positions to expand SWRCB’s existing water recycling grant program.	Prohibit funding the costs of water recycling projects that are associated with treatment already required.  Require SWRCB to report at budget hearings on how new, innovative technologies will be prioritized.
<b>Desalination-</b> <i>Department of Water Resources</i>	\$6 million and 2 positions for DWR to fund the development of desalination projects.	Require DWR to report at budget hearings on how new, innovative technologies will be prioritized.

A copy of the Executive Summary of LAO’s report is attached as Exhibit “B”. The full report can be found at <http://www.lao.ca.gov/reports/2015/budget/water-bond/water-bond-021115.pdf>.

In addition to the legislative focus on Proposition 1’s implementation, a number of State agencies have begun work to develop water bond spending schedules and to develop draft program guidelines. For example, the California Natural Resources Agency has released a draft schedule detailing the benchmarks for the first ten years of a ten-year expenditure period for Proposition 1, which is attached as Exhibit “C”, and has established a bond accountability website for Proposition 1. The accountability website is located at: <http://bondaccountability.resources.ca.gov/p1.aspx>

Another example is the State Water Resources Control Board (SWRCB), which is expected to release a draft of its recycled water program guidelines within the next week.

Staff will provide an oral update on any new developments and on other Proposition 1 implementation discussions. Staff will continue to update the Water Resources Policy and Communications Committee and the Board on going forward, as appropriate.

*State Water Resources Control Board Emergency Drought Regulations:*

On February 17, 2015, the SWRCB received a presentation from its staff on the potential next steps related to Emergency Water Conservation Regulations. SWRCB staff presented the Board with a list of potential actions, as proposed by the public, comprised of short-term modifications to the emergency regulations adopted last July, long-term SWRCB actions and other legislative or policy decision requiring action outside of the SWRCB.

Following staff's presentation, the SWRCB discussed potential next steps. All the SWRCB members agreed that the current drought regulations should be extended with some modifications as they are set to expire on April 24, 2015.

On March 6, the SWRCB released proposed emergency drought regulations, which were considered and adopted on March 17. The adopted regulations renew the previously adopted regulations with several slight modifications for another 270 days. The modifications included:

- Restrictions on the number of days per week that irrigation can occur;
- Prohibitions on irrigation for 48 hours after a measurable rain event;
- Prohibitions on eating and drinking establishments serving drinking water other than upon request;
- Requirements that hotel and motel operators provide guests with the option of choosing not to have towels and linens laundered daily;
- Requirements that agencies notify customers of leaks; and
- Requirements water supplies report some additional data each month.

The Alternate Plan (e.g., allocation-based rate structures) was kept as a compliance mechanism in the proposed regulations.

IRWD's Proposed Recycled Water Storage Legislation:

Given the positive discussion at WaterReuse California regarding finding a solution to mitigate the impact of storm-induced overflow restrictions on recycled water impoundment capacity, the Board, at its February 9, 2015, meeting, authorized IRWD to engage in the discussions with WaterReuse, decision makers at the SWRCB and key stakeholders while seeking the introduction of a spot bill related to recycled water storage.

Over the past month, staff has continued to work with WaterReuse and staff at the SWRCB to find a solution to mitigate the impact of storm-induced overflow restrictions on recycled water impoundments. Assemblymember Don Wagner (R-Irvine) has also introduced a spot bill, AB 725, on IRWD's behalf as these discussions continue. AB 725 allows the District to have a vehicle for legislation on storm-induced overflow restrictions should it be need given the outcome of the discussion with WaterReuse and the SWRCB.

Staff will provide an oral update on any new developments related to storm-induced overflow restrictions. A copy of AB 725, as introduced, is attached as Exhibit "D".

Other 2015 Legislation:

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

The Urban Water Management Planning Act requires that urban water supplies prepare and adopt an urban water management plan, and update that plan every five years in years ending in 5 and 0. The Act requires that the plan and its updates be submitted to the Department of Water Resources in years ending in 6 and 1. AB 149, as introduced, would adjust these timeframes. It would require that an urban water supplier update its plan in years ending in 6 and 1. It would require that the plans and updates be submitted to the Department of Water Resources in years ending in 7 and 2.

AB 149 has been sponsored by the San Diego County Water Authority in order to change the Urban Water Management Plan update and submittal dates so that they better match the timing of the decennial U.S. Census, which is conducted in years ending in 0. Moving the plan update dates to years ending in 6 and 1 allows urban water suppliers enough time to incorporate the full range of Census data into their plans and allow for the inclusion of more meaningful data.

Staff recommends that the Board adopt a "SUPPORT" position on AB 149. A copy of AB 149, as introduced, is attached as Exhibit "E".

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

Existing law, with certain exceptions, prohibits bodily contact with water in a domestic water reservoir. SB 143, as introduced, would exempt the Diamond Valley Reservoir from these prohibitions. Diamond Valley Reservoir is Southern California's largest drinking water storage reservoir, and holds six months of emergency storage for the region in the case of an earthquake or other catastrophic disruption.

Metropolitan Water District of Southern California (MWD), the owner of Diamond Valley Reservoir, has expressed concern over SB 143's proposal to allow bodily contact within Diamond Valley Reservoir because of the impact bodily contact could have on human health and safety. Specifically, MWD is concerned about pathogen loading and the fact that Diamond Valley Reservoir's treatment facilities were not built to disinfect elevated levels of pathogens that could result from bodily contact. If SB 143 were passed, MWD believes that water quality monitoring would need to be increased and treatment facilities upgraded at Diamond Valley Reservoir.

MWD has asked agencies within the Southern California region to join with it in opposing SB 143. Staff recommends that the Board adopt an "OPPOSE" position on SB 143 given that the permitting of bodily contact with Diamond Valley Reservoir could result in the degradation of water quality within an important reservoir for the Southern California region and could result in increased treatment costs that would eventually be borne by ratepayers. A copy of SB 143, as introduced, is attached as Exhibit "F".

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on March 10, 2015.

RECOMMENDATION:

THAT THE BOARD ADOPT A “SUPPORT” POSITION ON AB 149 (CHÁVEZ) AND AN “OPPOSE” POSITION ON SB 143 (STONE).

LIST OF EXHIBITS:

Exhibit “A” – 2015 IRWD Legislative Matrix

Exhibit “B” – Executive Summary of the Legislative Analyst’s Office report entitled “*The 2015-2016 Budget: Effectively Implementing The 2014 Water Bond.*”

Exhibit “C” – Draft Proposition 1 Program Development Schedule

Exhibit “D” – Copy of AB 725 (Wagner), as introduced

Exhibit “E” – Copy of AB 149 (Chávez), as introduced

Exhibit “F” – Copy of SB 143 (Stone), as introduced

**EXHIBIT "A"**  
**IRWD 2015 LEGISLATIVE MATRIX**  
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<b><u>AB 1</u></b> Brown (D)	Drought: Local Governments: Fines		Prohibits a city, county, or city and county from imposing a fine under any local maintenance ordinance or other relevant ordinance for a failure to water a lawn or having a brown lawn during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions.	01/16/2015 - To ASSEMBLY Committee on LOCAL GOVERNMENT.	
<b><u>AB 10</u></b> Gatto (D)	Political Reform Act of 1974.		Increases the thresholds at which a public official has a disqualifying financial interest in sources of income in investments in business entities and in interests in real property. Revises the dollar amounts associated with the value ranges for reporting the value of economic interests. Requires certain public officials to disclose information relating to governmental decisions for which the public official had a disqualifying financial interest.	01/16/2015 - To ASSEMBLY Committee on ELECTIONS AND REDISTRICTING.	
<b><u>AB 14</u></b> Waldron (R)	Unmanned Aircraft Systems: Task Force		Creates the Unmanned Aircraft Systems Task Force to research, develop, and formulate a comprehensive policy for unmanned aircraft systems.	02/12/2015 - From ASSEMBLY Committee on TRANSPORTATION with author's amendments.;02/12/2015 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on TRANSPORTATION.	
<b><u>AB 21</u></b> Perea (D)	Global Warming Solutions Act of 2006: Emissions Limit		Requires the State Air Resources Board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions.	01/16/2015 - To ASSEMBLY Committee on NATURAL RESOURCES.	
<b><u>AB 23</u></b> Patterson (R)	Global Warming Solutions Act of 2006: Compliance		Exempts categories of persons or entities that did not have a compliance obligation under a market-based compliance mechanism from being subject to that market-based compliance mechanism.	01/16/2015 - To ASSEMBLY Committee on NATURAL RESOURCES.	
<b><u>AB 33</u></b> Quirk (D)	Global Warming Solutions Act: Scoping Plan		Requires, for purposes of advising the update of the next scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions, the State Air Resources Board to develop specified information and to submit a	01/22/2015 - To ASSEMBLY Committee on NATURAL	

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			report to the appropriate committees of the Legislature.	RESOURCES.	
<b><u>AB 37</u></b> Campos (D)	Unmanned Aircraft Systems		Prohibits the use of unmanned aircraft systems by public agencies or the contracting therefor. Exempts law enforcement agencies. Requires public notice by agencies when intending to deploy such system. Provides the time frame for destruction of images and data collected. Prohibits public dissemination of images or data. Prohibits arming such system. Relates to surveillance restrictions. Applies to private entities contracting with public agencies. Makes providing data and images subject to disclosure.	01/22/2015 - To ASSEMBLY Committees on PUBLIC SAFETY and PRIVACY AND CONSUMER PROTECTION.	
<b><u>AB 56</u></b> Quirk (D)	Unmanned Aircraft Systems		Prohibits the use of unmanned aircraft systems by public agencies or the contracting therefor. Exempts law enforcement agencies. Requires public notice by agencies when intending to deploy such system. Provides the time frame for destruction of images and data collected. Prohibits public dissemination of images and data. Prohibits arming such system. Relates to surveillance restrictions. Applies to private entities contracting with public agencies. Makes providing data and images subject to disclosure.	01/22/2015 - To ASSEMBLY Committees on PUBLIC SAFETY and PRIVACY AND CONSUMER PROTECTION.	
<b><u>AB 67</u></b> Gonzalez (D)	Double Pay on the Holiday Act of 2015		Enacts the Double Pay on the Holiday Act of 2015. Requires an employer to pay at least 2 times the regular rate of pay to an employee for work on a family holiday.	01/22/2015 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.	
<b><u>AB 78</u></b> Mathis (R)	Groundwater Basins		Makes technical nonsubstantive changes to existing law that requires the Department of Water Resources to categorize each basin or subbasin as high-, medium-, low-, or very low priority and to establish ground water the initial priority for each basin.	01/05/2015 - INTRODUCED.	
<b><u>AB 149</u></b> Chavez (R)	Urban Water Management Plans		Requires an urban water supplier to update its water management plan at least once every 5 years on or before December 31 in years ending in 6 and one. Requires the Department of Water Resources to submit its report to the Legislature, on or before December 31, in years ending in 7 and two.	02/02/2015 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.	
<b><u>AB 156</u></b> Perea (D)	Global Warming Solutions Act of 2006: Investment Plan		Requires the Department of Finance to include in the 3-year investment plan for moneys deposited in the Greenhouse Gas Reduction Fund an allocation to provide technical assistance to	02/02/2015 - To ASSEMBLY Committee on	



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			disadvantaged communities to assist them in proposing specified projects for inclusion in the investment plan.	NATURAL RESOURCES.	
<b><u>AB 219</u></b> Daly (D)	Public Works: Concrete Delivery		Expands the definition of public works for purposes of requirements regarding the payment of prevailing wages for public works projects to include the delivery of ready-mixed concrete with respect to contracts involving any state agency or any political subdivision of the state.	02/09/2015 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.	
<b><u>AB 243</u></b> Wood (D)	Medical Marijuana Cultivation		Requires indoor and outdoor medical marijuana cultivation to be conducted in accordance with state and local laws and best practices related to land conversion, grading, electricity usage, water usage, agricultural discharges, and similar matters. Requires each regional water quality control board to address discharges of waste resulting from medical marijuana cultivation and associated activities.	02/05/2015 - INTRODUCED.	
<b><u>AB 259</u></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.	02/17/2015 - To ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION.	
<b><u>AB 291</u></b> Medina (D)	Environmental Quality Act: Local Agencies: Water		Authorizes a local agency, for certain water projects, to file the notice with the county clerk of the county in which the local agency's principal office is located in lieu of the county clerk of each county in which the project is located and would, if the local agency exercises this authorization, require the local agency to file the notice with the Office of Planning and Research.	02/23/2015 - To ASSEMBLY Committee on NATURAL RESOURCES.	
<b><u>AB 307</u></b> Mathis (R)	Graywater: Groundwater Recharge		States the intent of the Legislature to enact legislation to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.	02/12/2015 - INTRODUCED.	
<b><u>AB 308</u></b> Mathis (R)	Graywater: Agricultural Use		States the intent of the Legislature to enact legislation to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.	02/12/2015 - INTRODUCED.	
<b><u>AB 311</u></b> Gallagher (R)	Environmental Quality: Water Quality and Supply		Requires the public agency, in certifying the environmental impact report and in granting approvals for specified water storage projects	02/23/2015 - To ASSEMBLY	

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			funded, in whole or in part, by Proposition 1, including the concurrent preparation of the record of proceedings and the certification of the record of proceeding within 5 days of the filing of a specified notice, to comply with specified procedures.	Committees on NATURAL RESOURCES and WATER, PARKS AND WILDLIFE.	
<b><u>AB 327</u></b> Gordon (D)	Public Works: Volunteers		Deletes that repeal date provision of existing law that governing public works does not apply to specified work performed by a volunteer, a volunteer coordinator, or a member of the California Conservation corps or a community conservation corps.	02/23/2015 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.	
<b><u>AB 335</u></b> Patterson (R)	Air Quality: Minor Violations		Requires the State Air Resources Board and air pollution control and air quality management districts to adopt regulations classifying minor violations. Requires a representative of those agencies to issue a notice to comply. Requires the State Air Resources Board to report to the Legislature regarding implementation of the bill.	02/23/2015 - To ASSEMBLY Committee on NATURAL RESOURCES.	
<b><u>AB 341</u></b> Achadjian (R)	Financial Affairs: Reports		Amends existing law that requires the officer of each local agency, who has charge of the financial records of the local agency, to furnish to the Controller a report of all the financial transactions of the local agency during the preceding fiscal year. Requires the report to contain underlying data from audited financial statements if this data is available.	02/23/2015 - To ASSEMBLY Committee on LOCAL GOVERNMENT.	
<b><u>AB 349</u></b> Gonzalez (D)	Common Interest Developments: Property Use		Amends the Davis-Stirling Common Interest Development Act. Makes void and unenforceable any provision of the governing documents or architectural or landscaping guidelines or policies that prohibits the use of low water-using landscapes that require not more than a specified amount of water.	03/02/2015 - To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT.	
<b><u>AB 356</u></b> Williams (D)	Oil and Gas: Groundwater Monitoring		Authorizes the State Oil and Gas Supervisor to require a well operator to implement a monitoring program for below ground oil production tanks and facilities, and disposal and injection wells. Requires a Class II injection well operator to submit a groundwater monitoring plan containing a schedule for monitoring and reporting groundwater quality data.	03/02/2015 - To ASSEMBLY Committee on NATURAL RESOURCES.	
<b><u>AB 401</u></b>	Low-Income Water Rate		Requires the Department of Community Services and Development	03/02/2015 - To	

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
Dodd (D)	Assistance Program		to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program, which would include specified elements. Requires the department to report to the Legislature on its findings regarding the feasibility and desired structure of the program.	ASSEMBLY Committee on UTILITIES AND COMMERCE.	
<b>AB 402</b> Dodd (D)	Local Agency Services: Contracts		Allows a local agency formation commission to authorize a city or district to provide new or extended services outside its jurisdictional boundaries to support existing or planned uses involving public or private properties, subject to approval at a publicly noticed hearing where the commission makes specified determinations. Authorizes the commission to delegate to its executive officer review and approval of requests to provide new or extended services outside a city or district's boundary.	03/02/2015 - To ASSEMBLY Committee on LOCAL GOVERNMENT.	
<b>AB 434</b> Garcia E (D)	Drinking Water: Point-of-Entry: Point-of-Use Treatment		Makes the emergency regulations adopted by the State Department of Public Health operative. Requires that the emergency regulations remain in effect until repealed or amended by the State Water Resources Control Board. Authorizes the Board to award a grant for point-of-entry and point-of-use treatment.	03/02/2015 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.	
<b>AB 452</b> Bigelow (R)	Water Rights Fund: Groundwater Regulation Subaccount.		Establishes the Groundwater regulation Subaccount in the Water Rights Fund. Relates to an existing law which provides that the making of any willful misstatement in connection with groundwater reporting requirements is a misdemeanor. Provides for certain civil liability. Provides for the deposit of certain funds into the subaccount.	03/05/2015 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.	
<b>AB 453</b> Bigelow (R)	Groundwater Management		Authorizes, until a groundwater sustainability plan is adopted, a local agency to amend an existing groundwater management plan in furtherance of, and consistent with, the groundwater management plan's objectives.	03/05/2015 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.	
<b>AB 454</b> Bigelow (R)	Sustainable Groundwater Management		Relates to groundwater basins. Requires a high- or medium-priority basin that is not subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated	03/05/2015 - To ASSEMBLY Committee on	

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			groundwater sustainability plan. Provides for the designation of basins as probationary basins.	WATER, PARKS AND WILDLIFE.	
<b><u>AB 455</u></b> Bigelow (R)	Groundwater Sustainability Plans		Amends the California Environmental Quality Act. Requires the Judicial Council to adopt a rule of court to establish procedures applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification of an environmental impact report for certain projects covered by a groundwater sustainability plan. Prohibits the court from staying or enjoining the construction or operation of the project unless the court makes a certain finding.	03/05/2015 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and NATURAL RESOURCES.	
<b><u>AB 472</u></b> Harper (R)	Public Works: Prevailing Wage: Volunteers		Makes a nonsubstantive, technical change by deleting an obsolete provision in existing law that generally requires the payment of not less than the prevailing rate of per diem wages for work of a similar character in the locality in which the public work is performed by workers employed on public works projects, except work performed by a volunteer, a volunteer coordinator, or member of the State Conservation Corps, or a community conservation corps.	02/23/2015 - INTRODUCED.	
<b><u>AB 478</u></b> Harper (R)	Desalination		Makes a nonsubstantive change to the Cobey-Porter Saline Water Conversion Law that states the policy of this state that desalination projects developed by or for public water entities be given the same opportunities for state assistance and funding as other water supply and reliability projects, and that desalination be consistent with all applicable environmental protection policies in the state.	02/23/2015 - INTRODUCED.	
<b><u>AB 501</u></b> Levine (D)	Resources: Delta Research		Relates to the Sacramento-San Joaquin Delta Reform Act of 2009. Requires a person conducting Delta Research, funded by the State, to take specified actions with regard to the sharing of the primary data, samples, physical collections, and other supporting materials created or gathered in the course of that research. Authorizes the Delta Independent Science Board to adopt guidelines. Suspends State funding for improper reporting. Provides research property legal rights remain with the researcher.	03/05/2015 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and JUDICIARY.	
<b><u>AB 537</u></b> Allen T (R)	Public Employees' Benefits		Prohibits a public agency, state employer, employee organization, or public employee from entering into a memorandum of understanding that provides postemployment health care benefits without a strategy for permanently prefunding members' postemployment healthcare	03/05/2015 - To ASSEMBLY Committee on PUBLIC	

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			benefits.	EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.	
<b><u>AB 577</u></b> Bonilla (D)	Public Utilities: Biogas		Amends the Public Utilities Act that requires the Public Utilities Commission to encourage electrical and gas corporations to develop and offer programs and services to facilitate development of in-state biogas for a broad range of purposes. Limits that range of related purposes.	02/24/2015 - INTRODUCED.	
<b><u>AB 585</u></b> Melendez (R)	Outdoor Water Efficiency Act: Income Tax Credits		Relates to the Outdoor Water Efficiency Act. Allows a credit for a specified percentage of the amount paid or incurred by a qualified taxpayer for improvements made to outdoor landscapes on real property in this state.	02/24/2015 - INTRODUCED.	
<b><u>AB 590</u></b> Dahle (R)	Greenhouse Gas Reduction Fund		Creates the Biomass State Cost Share Account within the Greenhouse Gas Reduction Fund. Provides that moneys in the account would be available for expenditure by the State Energy Resources Conservation and Development Commission for the purposes of maintaining the current level of biomass power generation in the State and revitalizing currently idle facilities in strategically located regions.	02/24/2015 - INTRODUCED.	
<b><u>AB 603</u></b> Salas (D)	Income Taxes: Turf Removal Tax Credit		Allows a credit under the Personal Income Tax and the Corporation Tax Laws to a taxpayer participating in a lawn replacement program.	02/24/2015 - INTRODUCED.	
<b><u>AB 606</u></b> Levine (D)	Water Conservation		Requires the Department of General Services to identify each public property added to the department's state property inventory where it is feasible for water consumption to be reduced and water efficiencies to be achieved through replacement of landscaping, irrigation timers, or spray sprinkler heads, or any combination thereof, and requires the appropriate replacements where feasible.	02/24/2015 - INTRODUCED.	
<b><u>AB 639</u></b> Dahle (R)	Water Quality: Membership of Regional Boards		Makes nonsubstantive changes to provisions of existing law which requires the State Water Resources Control Board and the regional water quality control boards to prescribe waste discharge requirements in accordance with the federal national pollutant discharge elimination system permit program established by the federal Clean Water Act and the Porter-Cologne Water Quality	02/24/2015 - INTRODUCED.	

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			Control Act.		
<b><u>AB 647</u></b> Eggman (D)	Beneficial Use: Diversion of Water Underground		Declares that the diversion of water underground constitutes a beneficial use of water for which an appropriation may be made if the diverted water is stored and thereafter applied to beneficial use or if beneficial use of the water, including, but not limited to, protection of water quality or recovery of groundwater levels, is made while the water is underground.	02/24/2015 - INTRODUCED.	
<b><u>AB 697</u></b> Chu (D)	Water-Conserving Plumbing Fixtures		Makes technical nonsubstantive changes to existing law that requires the replacement of plumbing fixtures that are not water conserving, as defined as noncompliant plumbing fixtures, in residential and commercial real property built and available for use on or before January 1, 1994, as specified.	02/25/2015 - INTRODUCED.	
<b><u>AB 723</u></b> Rendon (D)	Plumbing Fixtures: WaterSense Standards		Prohibits manufacturers selling water closets, urinals, bathroom faucets, and shower heads from installing or selling any of the aforementioned plumbing fixtures that do not meet WaterSense standards set by the federal Environmental Protection Agency.	02/25/2015 - INTRODUCED.	
<b><u>AB 725</u></b> Wagner (R)	Porter-Cologne Water Quality Control Act	Sponsor	Makes various nonsubstantive changes to definitions in existing law that state the State Water Resources Control Board and the regional water quality control boards prescribe waste discharge requirements in accordance with the federal Clean Water Act and the Porter-Cologne Water Quality Control Act.	02/25/2015 - INTRODUCED.	
<b><u>AB 824</u></b> Gatto (D)	Recycled Water: Recycling Criteria		Makes technical nonsubstantive changes to the Porter-Cologne Water Quality Control Act that requires the State Department of Public Health to establish uniform statewide recycling criteria for each varying type of use of recycled water if the use involves the protection of public health.	02/26/2015 - INTRODUCED.	
<b><u>AB 852</u></b> Burke (D)	Public Works: Prevailing Wages		Expands the definition of public works for the purposes of provisions relating to the prevailing rate of per diem wages, to also include any construction, alteration, demolition, installation, or repair work done under private contract on a hospital or health care facility project when the project is paid for, in whole or in part, with the proceeds of conduit revenue bonds.	02/26/2015 - INTRODUCED.	
<b><u>AB 856</u></b> Calderon I (D)	Invasion of Privacy		Expands liability for physical invasion of privacy to additionally include a person knowingly entering into the airspace of another	02/26/2015 - INTRODUCED.	

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<u><b>AB 876</b></u> McCarty (D)	Compostable Organics		person without permission. Relates to the California Integrated Waste Management Act of 1989. Requires the Department of Resources Recycling and Recovery, in coordination with the State Air Resources Board, to promote the use of compostable organics for critically needed alternatives to agricultural amendments and for low-carbon fuel manufacturing to reduce fugitive methane emissions associated with landfill and other waste operations.	02/26/2015 - INTRODUCED.	
<u><b>AB 888</b></u> Bloom (D)	Waste Management: Plastic Microbeads		Prohibits a person from selling or offering for promotional purposes in this state a personal care product containing intentionally added plastic microbeads. Makes a violator liable for a civil penalty to be assessed and recovered in a civil action brought in any court of competent jurisdiction by the Attorney General or local officials, or by an person in the public interest.	02/26/2015 - INTRODUCED.	
<u><b>AB 935</b></u> Salas (D)	Integrated Regional Water Management Plans		Relates to the Integrated Regional Water Management Planning Act. States the intent of the Legislature to enact legislation that would require grants and expenditures for the planning, design, and construction of certain regional conveyance projects.	02/26/2015 - INTRODUCED.	
<u><b>AB 936</b></u> Salas (D)	Groundwater Monitoring		Amends existing law which provides that certain entities with authority to assume groundwater monitoring functions with regard to a basin or subbasin for which the Department of Water Resources has assumed those functions are not eligible for a water grant or loan awarded or administered by the state. Creates an exception from this eligibility restriction if the entity submits documentation demonstrating the water grant or loan project includes actions needed to comply with groundwater monitoring functions.	02/26/2015 - INTRODUCED.	
<u><b>AB 937</b></u> Salas (D)	Groundwater Recharge		States the intent of the Legislature to enact legislation relating to groundwater recharge.	02/26/2015 - INTRODUCED.	
<u><b>AB 938</b></u> Salas (D)	Groundwater: Basin Reprioritization		Imposes the requirement to establish a groundwater sustainability agency on a local agency or combination of local agencies overlying a groundwater basin.	02/26/2015 - INTRODUCED.	
<u><b>AB 939</b></u> Salas (D)	Groundwater Sustainability Agency: Financial Authority		Requires a groundwater sustainability agency to make the data upon which a proposed fee is based available prior to a public meeting to	02/26/2015 - INTRODUCED.	

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			impose or increase a fee.		
<b><u>AB 952</u></b> Garcia (D)	Local Government: Cities: Special District: Vacancies		Relates to a school district or community college district governing board vacancies. Requires the provisional appointee to serve on the board until the next regularly scheduled election. Eliminates the requirement that an election be held 130 or more days after the effective date of the vacancy.	02/26/2015 - INTRODUCED.	
<b><u>AB 954</u></b> Mathis (R)	Water Quality, Supply, Infrastructure Improvement		States the intent of the Legislature to enact legislation to implement the Water Quality, Supply, and Infrastructure Improvement Act of 2014.	02/26/2015 - INTRODUCED.	
<b><u>AB 957</u></b> Mathis (R)	Water Quality, Supply, Infrastructure Improvement		Makes nonsubstantive changes in provisions of the Water Quality, Supply, and Infrastructure Improvement Act of 2014.	02/26/2015 - INTRODUCED.	
<b><u>AB 977</u></b> Mayes (R)	State Water Pollution Control Revolving Fund		Makes nonsubstantive changes to the requirement that moneys in the Pollution Control Revolving Fund be used only for permissible purposes allowed by the Clean Water Act or a federal capitalization grant deposited in the fund.	02/26/2015 - INTRODUCED.	
<b><u>AB 1019</u></b> Garcia E (D)	Metal Theft and Related Recycling Crimes		Requires the Department of Justice to establish a Metal Theft Task Force Program designed to enhance the capacity of the department to serve as the lead law enforcement agency in the investigation and prosecution of illegal recycling operations, and metal theft and related recycling crimes. Authorizes the department to enter into partnerships with local law enforcement agencies.	02/26/2015 - INTRODUCED.	
<b><u>AB 1030</u></b> Ridley- Thomas S (D)	Global Warming Solutions Act of 2006: Greenhouse Gas		Amends existing law that relates to the Greenhouse Gas Reduction Fund. Requires a State agency that allocates moneys from the fund to prioritize projects that include project labor agreements with targeted hire goals, community workforce agreements, or partnerships with the training entities that have a proven track record of placing disadvantaged workers in career-track jobs.	02/26/2015 - INTRODUCED.	
<b><u>AB 1068</u></b> Allen T (R)	California Environmental Quality Act: Priority Projects		Authorizes each Member of the Legislature to nominate one project within his or her respective district each year, and the Governor to designate those projects as priority projects if the projects meet specified requirements. Requires the Governor to provide a notice of the designation to the appropriate lead agency and to the Office of Planning and Research. Requires an environmental impact report for	02/26/2015 - INTRODUCED.	



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			each project. Authorizes tiering from previously prepared reports. Relates to court stays of projects.		
<b><u>AB 1095</u></b> Garcia E (D)	Restoration Funding: Salton Sea		Appropriates an unspecified sum from funds of the Water Quality, Supply, and Infrastructure Improvement Act of 2014, to the Natural Resources Agency to be used for restoration projects that fulfill obligations of the State in complying with a related intrastate or multiparty water quantification settlement agreement provisions relating to the Salton Sea.	02/27/2015 - INTRODUCED.	
<b><u>AB 1128</u></b> Jones-Sawyer (D)	Water Conservation		Makes nonsubstantive changes to existing law that declares the intent of the Legislature to, among other things, promote urban water conservation standards that are consistent with the California Urban Water Conservation Council's adopted best management practices and specified requirements for demand management.	02/27/2015 - INTRODUCED.	
<b><u>AB 1139</u></b> Campos (D)	California Water District Law		Makes nonsubstantive changes to the provision naming the California Water District Law.	02/27/2015 - INTRODUCED.	
<b><u>AB 1144</u></b> Rendon (D)	Renewables Portfolio Standard Program: Credits		Provides that unbundled renewable energy credits may be used to meet the first category of the portfolio content requirements if the credits are earned by electricity that is generated by an entity that, if it were a person or corporation, would be excluded from the definition of an electrical corporation by operation of the exclusions for a corporation or person employing landfill gas technology or digester gas technology, and the entity has specified first points of interconnection.	02/27/2015 - INTRODUCED.	
<b><u>AB 1174</u></b> Bonilla (D)	Women's Health		Requires the State Department of Public Health to report to the Assembly Committee on health and the Senate Committee on Health the state strategy, goals established, and progress made toward achieving certain goals and objectives for women's health. Makes related changes.	02/27/2015 - INTRODUCED.	
<b><u>AB 1192</u></b> Quirk (D)	Landscape Irrigation Equipment		Makes nonsubstantive changes to landscape irrigation equipment provisions. Adopts by regulation performance standards and labeling requirements for landscape irrigation equipment, including, but not limited to, irrigation controllers, moisture sensors, emission devices, and valves, for the purpose of reducing the wasteful, uneconomic,	02/27/2015 - INTRODUCED.	

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<u><b>AB 1242</b></u> Gray (D)	Water Quality: Impacts on Groundwater Basins		inefficient, or unnecessary consumption of energy or water. Requires the State Water Resources Control Board to take into consideration any applicable groundwater sustainability plan or alternative in formulating state policy for water quality control and adopting or approving a water quality control plan that affects a groundwater basin. Requires the board to evaluate impacts on groundwater basins.	02/27/2015 - INTRODUCED.	
<u><b>AB 1243</b></u> Gray (D)	Groundwater Recharge: Grants		Establishes the Groundwater Recharge Grant Fund. Provides that moneys in the fund are available to the State Water Resources Control Board to provide grants to local governments and water districts for groundwater recharge infrastructure projects.	02/27/2015 - INTRODUCED.	
<u><b>AB 1315</b></u> Alejo (D)	Public Contracts Water Pollution Prevention Plans		Prohibits a public entity, charter city, or charter county from delegating to a contractor the development of a plan, as defined, used to prevent or reduce water pollution or runoff on a public works contract, except as provided.	02/27/2015 - INTRODUCED.	
<u><b>AB 1325</b></u> Salas (D)	Delta Smelt		Enacts the Delta Smelt Preservation and Restoration Act of 2016. Requires the development of a deltas smelt hatchery program to preserve and restore the delta smelt. Requires entering into mitigation banking agreements with banking partners of the Department of Fish and Wildlife for the purpose of providing take authorizations to those partners and to obtain funding from banking agreements. Appropriates an unspecified amount of money from an unspecified source to implement these provisions.	02/27/2015 - INTRODUCED.	
<u><b>AB 1362</b></u> Gordon (D)	Local Government Assessments Fees and Charges		Defines stormwater for purposes of the Proposition 218 Omnibus Implementation Act to mean any system of public improvements or service intended to provide for the quality, conservation, control, or conveyance of waters that land on or drain across the natural or man-made landscape.	02/27/2015 - INTRODUCED.	
<u><b>AB 1390</b></u> Alejo (D)	Groundwater: Adjudication		Relates to the State Water Resources Control Board. Develops procedures to provide a more streamlined and expeditious groundwater adjudication process by which courts may conduct comprehensive determinations of all rights to groundwater in a basin, while fully respecting established principles of water rights law and providing participants appropriate due process.	02/27/2015 - INTRODUCED.	

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<b>AB 1454</b> Linder (R)	State Policy for Water Quality Control		Makes technical, nonsubstantive changes to the Porter-Cologne Water Control Act that provides the policy for water quality control is required to consist of water quality principles and guidelines for long-range resource planning, water quality objectives.	02/27/2015 - INTRODUCED.	
<b>AB 1463</b> Gatto (D)	Onsite Recycled Water		Requires the State Water Resources Control Board to establish water quality standards and distribution, monitoring, and reporting requirements for onsite water recycling systems prior to authorizing the use of onsite recycled water in internal plumbing of residential and commercial buildings.	02/27/2015 - INTRODUCED.	
<b>SB 7</b> Wolk (D)	Housing: Water Meters: Multi-unit Structures		Encourages the conservation of water in multifamily residential rental buildings through means within the landlord's or the tenant's control, and to ensure that the practices involving the submetering of dwelling units for water service are just and reasonable, and including appropriate safeguards for both tenants and landlords. Authorizes building standards that require the installation of water submeters in multiunit residential buildings. Defines the term submeter for the Water Measurement Law.	01/15/2015 - To SENATE Committee on TRANSPORTATION AND HOUSING.	
<b>SB 13</b> Pavley (D)	Groundwater		Authorizes the State Water Resource Control Board to designate a basin as a probationary basin and to develop an interim plan. Relates deficiency remedies by a local agency or groundwater sustainability agency. Relates to the designation of a basin as probationary. Relates to the determination criteria for establishing a groundwater sustainability plan. Eliminates provisions regarding the submission of intent by a local agency to be a groundwater sustainability agency and for related Internet posting.	02/24/2015 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;02/24/2015 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.	
<b>SB 20</b> Pavley (D)	Wells: Reports: Public Availability		Amends an existing law which requires a person who digs, bores, or drills a water well, cathodic protection well, or a monitoring well to file a report of completion with the Department of Water Resources. Requires the Department to make reports available to the public.	01/15/2015 - To SENATE Committees on NATURAL RESOURCES AND	

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			Requires the Department to redact from the report specified information pertaining to the well owner.	WATER and ENVIRONMENTAL QUALITY.	
<b>SB 32</b> Pavley (D)	Global Warning Solutions Act of 2006: Emissions Limit		Requires the State Air Resources Board to approve a specified statewide greenhouse gas emission limit.	01/15/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.	
<b>SB 45</b> Mendoza (D)	Economic Development		States the intent of the Legislature to enact legislation that would authorize local government entities to use tax increment financing for the development of economic planning, infrastructure, and educational facilities.	01/15/2015 - To SENATE Committee on RULES.	
<b>SB 47</b> Hill (D)	Environmental Health: Synthetic Turf		Requires the Office of Environmental Health Hazard Assessment, in consultation with the Department of Resources Recycling and Recovery, the State Department of Public Health, and the Department of Toxic Substances Control, to prepare and provide to the Legislature and post on the office's Internet Web site a study analyzing synthetic turf, for potential adverse health impacts.	01/15/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.	
<b>SB 113</b> Galgiani (D)	Disaster Preparedness and Flood Prevention Bond Act		Specifies that the Disaster Preparedness and Flood Prevention Bond Act of 2006 funds provided by the act are only available for appropriation until a specified date and at that time the amount of indebtedness authorized by the act is reduced by the amount of funds that have not been appropriated. Removes the restriction that the funds are available for appropriation only until that specified date.	02/05/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.	
<b>SB 119</b> Hill (D)	Protection of Subsurface Installations		Requires the Contractors' State License Board to adopt a program to enforce violations of provisions relating to excavation. Authorizes the Board to require a contractor to undergo training, levy a fine, and suspend a contractor's license for a violation. Defines and redefines terms relating to a regional notification center. Requires certain actions prior to a planned excavation. Exempts an excavator from damages due to an inaccurate field mark. Exempts a land owner who only uses certain tools.	02/05/2015 - To SENATE Committees on BUSINESS, PROFESSIONS AND ECONOMIC DEVELOPMENT, GOVERNMENTAL ORGANIZATION and JUDICIARY.	
<b>SB 122</b>	California Environmental		Requires the lead agency, at the request of a project applicant and	02/05/2015 - To	

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Jackson (D)	Quality Act: Records		consent of the lead agency, to prepare a record of proceedings concurrently with the preparation of a negative declaration, mitigated negative declaration, environmental impact report, or other environmental document for projects.	SENATE Committee on ENVIRONMENTAL QUALITY.	
<b>SB 127</b> Vidak (R)	Water Quality, Supply, and Infrastructure Improvement		Relates to the Water Quality, Supply, and Infrastructure Improvement Act of 2014. Requires the public agency, in certifying the environmental impact report and in granting approvals for projects funded, in whole or in part, by Proposition 1, including the concurrent preparation of the record of proceedings and the certification of the record of proceeding within 5 days of the filing of a specified notice, to comply with specified procedures.	02/05/2015 - To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY.	
<b>SB 142</b> Jackson (D)	Civil law: Unmanned Aerial Vehicles		Extends liability for wrongful occupation of real property and damages to a person who without permission operates an unmanned aerial vehicle below the navigable airspace overlaying the real property.	02/05/2015 - To SENATE Committee on JUDICIARY.	
<b>SB 143</b> Stone (R)	Diamond Valley Reservoir: Recreational Use		Amends existing law that prohibits recreational use in which there is bodily contact with water, in a reservoir in which water is stored for domestic use.	02/05/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.	
<b>SB 173</b> Nielsen (R)	Groundwater: De Minimis Extractors		Amends existing law that generally excepts a de minimis extractor from the requirement that a person who extracts groundwater from a probational basin or extracts groundwater on or after July 1, 2017, in an area within a basin that is not within the management area of a groundwater sustainability agency and where the county does not assume responsibility to be the groundwater sustainability agency has to file a report of groundwater extraction. Defines a de minimis extractor.	02/19/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.	
<b>SB 179</b> Berryhill (R)	Secondhand Goods: Junk Dealers		Makes nonsubstantive changes to existing law that prohibits a junk dealer or recycler from possessing a reasonably recognizable, disassembled, or inoperative fire hydrant or fire department connection, a manhole cover or lid, or a backflow device, that was owned by an agency, without a written certification on the agency's letterhead that the agency either has sold the material described or is	02/19/2015 - To SENATE Committee on RULES.	

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			offering the material for sale.		
<b>SB 184</b> Hertzberg (D)	Local Government: Omnibus Bill		Clarifies that provisions in existing law relating to the authority of the duties of the auditor apply only to the county auditor.	02/19/2015 - To SENATE Committee on RULES.	
<b>SB 185</b> De Leon (D)	Public Retirement Systems: Divestiture of Thermal Coal		Creates the Public Divestiture of Thermal Coal Companies Act and requires the boards of the Public Employees' Retirement System and the State Teachers' Retirement System to divest the public employee retirement funds of any investments in a thermal coal company, and prohibits additional or new investments or the renewal of existing investments in a thermal coal company.	02/19/2015 - To SENATE Committee on PUBLIC EMPLOYMENT AND RETIREMENT.	
<b>SB 208</b> Lara (D)	Integrated Regional Water Management Plans: Grants		Requires a regional water management group to provide the state entity administering the regional water management grant with a list of projects to be funded by the grant funds where the project proponent is a nonprofit organization or a disadvantaged community, or the project benefits a disadvantaged community.	02/19/2015 - To SENATE Committees on NATURAL RESOURCES AND WATER and ENVIRONMENTAL QUALITY.	
<b>SB 216</b> Pan (D)	Public Employees Retirement System		Amends the Public Employees Retirement System. Repeals the provisions regarding investing in residential realty on the system's investment portfolio. Changes the frequency of a specified report to eliminate the requirement to report on the investments on a cost basis. Makes other changes to the content of the report.	02/26/2015 - To SENATE Committee on PUBLIC EMPLOYMENT AND RETIREMENT.	
<b>SB 223</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 monitor the activities of the division relating to the management and control or eradication of invasive aquatic plants.	02/26/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.	
<b>SB 226</b> Pavley (D)	Sustainable Groundwater Management Act		Provides that it establishes a timely method for determining rights to groundwater in furtherance of the objectives of the Sustainable Groundwater Management Act. Requires the process to be available to any court of competent jurisdiction.	02/26/2015 - To SENATE Committees on NATURAL RESOURCES AND WATER and JUDICIARY.	
<b>SB 228</b>	Groundwater Storage:		Declares that the recharging of a groundwater basin by a local	02/26/2015 - To	

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Cannella (R)	Beneficial Use		groundwater management agency or a local groundwater sustainability agency for the purposes of repelling saline intrusion and recovering basin groundwater levels constitutes a beneficial use of water if the recharge is consistent with the local agency's groundwater management plan or groundwater sustainability plan.	SENATE Committee on NATURAL RESOURCES AND WATER.	
<b>SB 233</b> Hertzberg (D)	Conduits and Screens: Fish Screen Monitoring		Amends existing law that regulates the construction and installation of any screen installed on conduits used in producing, generating, transmitting, delivering, or furnishing electricity for light, heat, or power and conduits with a maximum flow capacity over 250 cubic feet per second of water to prevent fish from passing through the conduit. Requires the agreement to define the method of determining the cost of monitoring the screen's performance.	02/26/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.	
<b>SB 239</b> Hertzberg (D)	Cities and Districts: Extended Services		Amends existing law that requires the executive officer of the local agency formation commission, upon receipt of a request for approval by a city or district of a contract to extend services outside its jurisdictional boundary, to determine whether the request is complete and acceptable for filing. Extends the period within which the executive officer is required to make that determination.	02/26/2015 - To SENATE Committee on GOVERNANCE AND FINANCE.	
<b>SB 248</b> Pavley (D)	Oil and Gas: Well History		Requires all operations on or in the gas or oil well of any form to be systematically, completely, and accurately described and recorded in the well history.	02/26/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.	
<b>SB 258</b> Bates (R)	Local Government		States the intent of the Legislature to enact legislation that would protect the right of the public to participate in open deliberations of the legislative bodies of local agencies by clarifying the appropriate use of special meetings.	02/26/2015 - To SENATE Committee on RULES.	
<b>SB 272</b> Hertzberg (D)	State Public Records Act: Local Agencies: Inventory		Requires each local agency, in implementing the State Public Records Act, to conduct an inventory of data gathered by the agency that discloses what data is maintained by the agency, by whom, and with what frequency it is collected. Requires the inventory to be available to the public.	03/05/2015 - To SENATE Committees on GOVERNANCE AND FINANCE and JUDICIARY.	
<b>SB 317</b> De Leon (D)	Safe Neighborhood Parks, Rivers, and Coastal		Enacts the Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2016, which, if adopted by the voters would authorize	03/05/2015 - To SENATE Committees	

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	Protection		the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance a safe neighborhood parks, rivers, and coastal protection program.	on NATURAL RESOURCES AND WATER and GOVERNANCE AND FINANCE.	
<b>SB 350</b> De Leon (D)	Clean Energy and Pollution Reduction Act of 2015		Establishes the quantity of electricity products from eligible renewable energy resources be procured by each retail seller for specified periods. Requires the boards of local publicly owned electric utilities to ensure that specified quantities of such products be procured to achieve a specified percentage by a specified date. Excludes combustion from municipal waste as eligible renewable energy sources. Requires submission of renewable energy procurement plans. Relates to reducing motor vehicle emissions.	03/05/2015 - To SENATE Committees on ENERGY, UTILITIES AND COMMUNICATION S and ENVIRONMENTAL QUALITY.	
<b>SB 360</b> Cannella (R)	Biomethane		Authorizes the Public Utilities Commission to consider providing the option to all corporations to engage in competitive bidding and direct investment in ratepayer financed biomethane collection equipment.	03/05/2015 - To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATION S.	
<b>SB 385</b> Hueso (D)	Primary Drinking Water Standards: Hexavalent Chromium		Authorizes the State Water Resources Control Board to grant a variance from the primary drinking water standard for hexavalent chromium if the public water system prepares and submits a compliance plan. Requires the plan to describe the actions the public water system is taking and will take to comply with the primary drinking water standard for hexavalent chromium by the earliest feasible date, to include the public water system's best estimate of the funding required for compliance.	02/24/2015 - INTRODUCED.	
<b>SB 454</b> Allen (D)	Water Quality: Minor Violations		Makes nonsubstantive changes to the Porter-Cologne Water Quality Control Act that authorizes the State Water Resources Control Board and the regional water quality control boards to conduct inspections for violations of specified law.	03/05/2015 - To SENATE Committee on RULES.	
<b>SB 471</b> Pavley (D)	Water, Energy, Reduction of Greenhouse Gas		Requires the Strategic Growth Council to give special consideration to awarding funds to eligible projects that, in addition to existing objectives and goals, would also result in reduced energy use by a	02/26/2015 - INTRODUCED.	



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			water supplier, and end user of water, or both. Includes projects or programs that reduce energy used to acquire, transport, treat, or distribute water as a regional project or program.		
<b>SB 485</b> Hernandez (D)	County of Los Angeles: Sanitation Districts		Authorizes specified sanitation districts in the County of Los Angeles, to acquire, construct, operate, maintain, and furnish facilities for the diversion, management, and treatment of stormwater and dry weather runoff, the discharge of the water to the stormwater drainage system, and the beneficial use of the water. Makes legislative findings and declarations as to the necessity of a special statute for the County of Los Angeles.	02/26/2015 - INTRODUCED.	
<b>SB 487</b> Nielsen (R)	Sustainable Groundwater Management Act: Exemptions		Relates to the California Environmental Act (CEQA). Exempts from the requirements of CEQA the formation of a groundwater sustainability agency, the amendment of a groundwater sustainability plan or coordinated groundwater sustainability plan, and the implementation of those plans, except to the extent that the implementation requires the construction or installation of a new facility.	02/26/2015 - INTRODUCED.	
<b>SB 551</b> Wolk (D)	State Water Policy: Water and Energy Efficiency		Declares the policy of the state that water use and water treatment shall be as energy efficient as is feasible and energy use and generation shall be as water efficient as is feasible. 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.	02/26/2015 - INTRODUCED.	
<b>SB 552</b> Wolk (D)	Disadvantaged Communities Drinking Water Standards		Requires the State Water Resources Control to develop a plan, including enforcement mechanisms, to ensure that disadvantaged communities have water systems that are in compliance with state and federal drinking water standards. Requires the plan to identify strategies to help bring disadvantaged communities into compliance with safe drinking water standards.	02/26/2015 - INTRODUCED.	
<b>SB 553</b> Wolk (D)	Water Conservation		Requires the Department of General Services to identify each public property in the department's state property inventory where it is feasible for water consumption to be reduced and water efficiencies to be achieved through implementation of the relevant recommendations made in the model water efficient landscape	02/26/2015 - INTRODUCED.	

**IRWD 2015 LEGISLATIVE MATRIX**

Updated March 6, 2015

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			ordinance and would require the department to implement the relevant recommendation where feasible.		
<b>SB 554</b> Wolk (D)	Water Commission Disqualifying Financial Interest		Removes a member of the California Water Commission from office if after trial a court finds that the commission member has knowingly participated in any commission decision in which the member has a disqualifying financial interest in the decision.	02/26/2015 - INTRODUCED.	
<b>SB 555</b> Wolk (D)	Water Suppliers		Require each urban retail water supplier to conduct a water loss audit as prescribed by rules adopted by the Department of Water Resources. Requires an urban retail water supplier to submit a validated audit report to the department, and post the report on its website in a timely manner after receipt.	02/26/2015 - INTRODUCED.	
<b>SB 556</b> De Leon (D)	Claims Against Public Entities		Relates to a claim for personal injury against a public entity, including the state, the Regents of the University of California, a county, city, district, public authority, public agency, political subdivision or against an employee of a public entity. Requires the governing body of the local public entity, the Victim Compensation and Government Claims Board, the Judicial Council, or the Trustees of the California State University to grant leave to present the claim within a specified time period.	02/26/2015 - INTRODUCED.	
<b>SB 568</b> Fuller (R)	Groundwater Management		Relates to the Sustainable Groundwater Management Act. Authorizes the State Water Resources Control Board to designate a basin as a probationary basin if the state board makes a certain determination and authorizes the state board to develop an interim plan for the probationary basin.	02/26/2015 - INTRODUCED.	
<b>SB 615</b> Berryhill (R)	Groundwater Basin Adjudication		States the intent of the Legislature to enact legislation to streamline the process for the adjudication of groundwater rights.	02/27/2015 - INTRODUCED.	
<b>SB 625</b> Galgiani (D)	Water Pollution: Synthetic Plastic Microbeads		States the intent of the Legislature to enact legislation that would prevent water pollution from synthetic plastic microbeads.	02/27/2015 - INTRODUCED.	
<b>SB 687</b> Allen (D)	Renewable Gas Standard		Requires the State Air Resources Board to adopt a carbon-based renewable gas standard that requires all gas sellers to provide specified percentages of renewable gas meeting certain deliverability requirements, to retail end-use customers for use in the state that	02/27/2015 - INTRODUCED.	

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated March 6, 2015**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>	<b>Notes</b>
			increases over specified compliance periods, and to issue an analysis of the lifecycle emissions of greenhouse gases and reductions for different biogas types and end uses.		
<b><u>SB 704</u></b> Bates (R)	Public Officers and Employees		Amends the Political Reform Act of 1974. Establishes an additional situation in which an official is not financially interested in a contract as applied to an owner or partner of a firm serving on an advisory board or commission to the contracting agency if the owner or partner recuses himself or herself from all participation in reviewing a project that results from a contract between the firm and the contracting agency.	02/27/2015 - INTRODUCED.	
<b><u>SB 758</u></b> Block (D)	Atmospheric Rivers Research and Mitigation Fund		Establishes the Atmospheric Rivers Research and Mitigation Fund for the purposes of funding research, demonstration, and development of an atmospheric rivers program to mitigate the effects of climate change associated with atmospheric rivers.	02/27/2015 - INTRODUCED.	
<b><u>SB 768</u></b> Wieckowski (D)	Water-Conserving Plumbing Fixtures		Makes technical, nonsubstantive changes to existing law that requires the replacement of plumbing fixtures that are not water conserving in residential and commercial real property built and available for use on or before a specified date.	02/27/2015 - INTRODUCED.	
<b><u>SB 772</u></b> Stone (R)	Bay Delta Conservation Plan: Judicial Review		States the intent of the Legislature to enact legislation establishing judicial review procedures for the Bay Delta Conservation Plan.	02/27/2015 - INTRODUCED.	
<b><u>SJR 1</u></b> Beall (D)	Social Security: Retirement Benefits: Public Employees		Requests the President and the Congress of the United States to pass legislation repealing the Government Pension Offset and the Windfall Elimination Provisions from the Social Security Act.	01/15/2015 - Re-referred to SENATE Committee on PUBLIC EMPLOYMENT AND RETIREMENT.	

The 2015-16 Budget:

# Effectively Implementing The 2014 Water Bond



MAC TAYLOR • LEGISLATIVE ANALYST • FEBRUARY 11, 2015

## EXECUTIVE SUMMARY

In August 2014, the Legislature approved Chapter 188, Statutes of 2014 (AB 1471, Rendon), which placed before the voters a water bond measure primarily aimed at increasing the supply of clean, safe, and reliable water and restoring habitat. On November 4, 2014, voters approved the water bond measure—Proposition 1. In this report, we (1) describe Proposition 1, (2) review the Governor’s proposals to implement the bond, (3) identify key implementation principles, and (4) recommend steps for the Legislature to ensure that the bond is implemented effectively—meaning that cost-effective projects are funded and that such projects are adequately overseen and evaluated.

**Major Provisions of Proposition 1.** The proposition provides a total of \$7.5 billion in general obligation bonds for various water-related programs. Some of the larger allocations include \$2.7 billion for water storage projects and \$1.5 billion for watershed protection and restoration projects. Additional funding is provided for groundwater sustainability, regional water management, water recycling and desalination, water treatment, and flood protection. Projects funded under Proposition 1 would generally be selected on a competitive basis, based on guidelines developed by state departments. Proposition 1 also includes accountability and oversight provisions, such as limits on the amount of funding that can go to administrative costs or planning and monitoring.

**Governor’s Budget Proposals.** The Governor’s budget proposes to appropriate \$533 million from Proposition 1 in 2015-16. This includes \$178 million for various watershed protection and restoration activities, \$137 million for water recycling and desalination projects, and \$69 million for projects to improve drinking water in disadvantaged communities.

**Key Principles for Implementing Proposition 1.** We identify three guiding principles to inform how money is allocated to projects in order to promote transparency and ensure better outcomes. First, the state should ensure that programs are implemented in ways that further state priorities, specifically those set out in Proposition 1 and in other statutes. This will ensure that expenditures are used in ways consistent with other state activities. Second, state funds should be used to support long-term, state-level public benefits (such as improving the health of fish species) in order to ensure that taxpayers receive the most benefits from their investment. This includes identifying (1) the *portion* of an activity that provides a state-level public benefit (because a given activity may have public and private benefits) and (2) what would have happened in the absence of the bond funding. Third, administering departments should collect and evaluate data on project delivery and outcomes to better allow the Legislature and voters to understand what has been achieved with the bond dollars.

**LAO Recommendations.** We provide a series of recommendations to implement the principles we describe above by applying them to the allocations in the bond and to the specific proposals in the Governor’s 2015-16 budget. While the Governor’s proposals are generally consistent with the intent of the bond, we recommend steps to better ensure that the most cost-effective projects are selected for funding and that sufficient oversight and evaluation is provided. Some of our key recommendations to the Legislature include:

- **Ensure Funding Targeted to State-Level Public Benefits.** We recommend the Legislature specify what portion and type of activities should and should not be eligible for bond funding, including which water supply and water recycling benefits are state-level public benefits. For example, water supply benefits should not be considered state-level public benefits to the extent that they accrue to private entities, such as the ratepayers of a water system.
- **Require Robust Cost-Effectiveness Criteria for Project Selection.** We recommend that state departments follow certain practices to evaluate cost-effectiveness, such as adopting grant guidelines that use (1) consistent assumptions about physical conditions and policies, (2) consistent methods to evaluate benefits, and (3) measures of past performance by grantees as a criterion for selecting projects.
- **Consult With Technical Experts When Needed.** Some proposed programs are new or have uncertainty about what specific projects or strategies are most likely to be effective. For this reason, we recommend that the state bring in expertise from outside state government to provide technical assistance for certain programs, particularly to assist the Wildlife Conservation Board develop guidelines for enhanced stream flows and the Department of Water Resources with implementation and evaluation of water use efficiency projects.
- **Require Departments to Submit Staffing Plans for All Bond-Related Activities.** Only some of the administration's proposals for positions to support Proposition 1 activities specify whether they took declining workload from other bonds into account when determining how many positions to request.
- **Facilitate Oversight of Projects, Programs, and Outcomes.** We recommend that the Legislature require departments, prior to finalizing program guidelines, to identify how the data they are collecting will allow the Legislature and the public to hold departments accountable for their outcomes. We also recommend that the Legislature require that the administration add additional information on bond expenditures to its bond website, and that it produce an annual report on progress implementing the bond.

We provide a complete listing of all of our recommendations at the end of this report.

# EXHIBIT "C"

## DRAFT Prop 1 Program Development Schedule

DRAFT document will continue to be updated as timelines are finalized and appropriations are approved.

Administering Agency/Dept./Board/Council/Conservancy	Name of Program	Water Code Section	Jan-15	Feb-15	Mar-15	Apr-15	May-15	June-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
State Water Resources Control Board	Small Community Wastewater	79723		Draft Guidelines Released	Public Workshops			Final Guidelines, Grant Solicitation Ongoing						
State Water Resources Control Board	Clean, Safe and Reliable Drinking Water	79724 (a)(1)				Draft Guidelines Released	Public Workshops			Final Guidelines Date, Solicitation Ongoing and Continuous				
Baldwin Hills Conservancy	Baldwin Creek/Baldwin Hills Watershed Program	79731 (a)		Draft Guidelines to Board (2/27)	Public Workshops	Final Guidelines Review by CNRA	Board Adoption (5/22)							
Tulare Conservancy	Ecosystem and Watershed Protection and Restoration Program in the Lake Tahoe Basin	79731 (b)	Draft to Guidelines Board		Public Workshops	Final Guidelines Review by CNRA, Board Update/Adoption (4/23)		Board Adoption (6/18, if necessary)						
Coachella Valley Mountains Conservancy	Coachella Valley Multi-Benefit Ecosystem and Watershed Protection and Restoration Projects Grant Program	79731 (c)	Draft Guidelines Outline to Board (1/12)	Draft Guidelines Released	Draft Guidelines to Board/ Public Workshops	Final Guidelines Review by CNRA	Board Adoption (5/12)							
Ocean Protection Council	Proposition 1 Grant Program	79731 (d)					Draft Guidelines				Final Guidelines		Grant Solicitation	
San Diego River Conservancy	Water Quality and Supply, Watershed Restoration and Habitat Enhancement Program	79731 (e)		Draft Guidelines Released	Public Workshops									
San Gabriel and Lower LA Rivers and Mountains Conservancy	Multi-Benefit Water Quality, Water Supply, and Watershed Protection and Restoration Program	79731 (f)	Draft Guidelines to Board (1/26)		Draft Guidelines Released	Public Workshops	Final Guidelines Review by CNRA; Board Adoption	Grant Solicitation			Review of Applications		Grant Award Recommendation to the Board	
San Joaquin River Conservancy	San Joaquin River Conservancy Multi-Benefit Watershed Protection and Restoration Program	79731 (g)	Draft Guidelines to Board (1/21)	Draft Guidelines Released	Draft Guidelines to Board (3/18); Public workshops	Final Guidelines Review by CNRA		Board Adoption (6/17)						
Santa Monica Mountains Conservancy	Multi-Benefit Water Quality, Water Supply, and Watershed Protection and Restoration Program	79731 (h)		Draft Guidelines to Board (2/23)	Public Workshops		Board Meeting Review Revised Grant Program Guidelines	Board Approval of Grant Guidelines	Call for Projects				Award Recommendations to the Board	
Sierra Nevada Conservancy	Sierra Nevada Watershed Improvement Program	79731 (i)		Draft Guidelines Released (2/6)	Draft Guidelines to Board (3/4); Public workshops	Final Guidelines Review by CNRA		Board Adoption (6/4)	Request for proposals issued					
Coastal Conservancy	Proposition 1 Grant Program	79731 (j)	Draft Guidelines to Board (1/29)		Public Workshops	Final Guidelines Review by CNRA		Board Adoption (6/25)						
Economically San Joaquin Delta Conservancy	Proposition 1 Grant Program	79731 (k)	Draft Guidelines to Board (1/28)				Public Workshops	Final Guidelines Review by CNRA		Board Adoption (6/26, preferred)				
Wildlife Conservation Board	Stream Flow Enhancement Program	79733		Draft to Guidelines Board (2/28)	Public Workshops	Final Guidelines Review by CNRA	Board Adoption (5/21)							
Santa Monica Mountains Conservancy and San Gabriel and Lower LA Rivers and Mountains Conservancy	An Urban Creek	79735 (a)							In Process of Being Developed					
Natural Resources Agency	Watershed and Urban River Enhancements Program	79735 (b)(1)							Finishing two current grant cycles and starting Prop 1 program development, including assembling team of various departments/conservancies.					
Natural Resources Agency	State Obligations	79736							In Process of Being Developed					
Dept. of Fish and Wildlife	Watershed Restoration and Delta Water Quality and Ecosystem Restoration Grant Programs	79737 (a) and 79738 (b)	Draft Guidelines, Initial Guideline Review by CNRA	Draft Guidelines Released	Public Workshops	Final Guidelines Review by CNRA	Final Guidelines		Grant Solicitation					
Dept. of Water Resources	Integrated Regional Water Management	79744 (a)							Tribal Consultation, Develop Economically Distressed Area definitions, Develop Program Success Measures (NOTE: Final round of Prop 84 \$220m dollars for IRWM to be awarded first)					Post Draft Guidelines & PSP for IRWM Planning Grant Program/Public Comment Period
Dept. of Water Resources	Water Use and Efficiency Grants, Round 1 - Urban and Ag	79746 (a)							Post draft guidelines and PSP	Public meetings	Develop and post FAQs	CNRA consistency review		Post final guidelines and PSP
State Water Resources Control Board	Stormwater	79747							In Process of Being Developed.					
Water Commission	Water Storage Investment Program	79750 (b)							Develop Draft Regulation Package (Commission oversight via monthly meetings)				Submit draft regulations to OAL/Publish Notice of Proposed Rulemaking (up to 1 yr allowed for approval of final regs)	Public Comment Period/Public Hearing
									Stakeholder Advisory Group Engagement					
									Tribal Consultation					
Dept. of Water Resources	Water Recycling - Desalination Grants - Round 1	79765							In Process of Being Developed.					Post draft guidelines and PSP
State Water Resources Control Board	Water Recycling	79765		Draft Guidelines Released		Public Workshops		Final Guidelines, Grant Solicitation Ongoing						
State Water Resources Control Board	Groundwater Sustainability	79771							In Process of Being Developed.					
Dept. of Water Resources	Groundwater Plans and Project Grant Program - Phase 1	79775							Tribal Consultation, Develop Economically Distressed Area definitions, Develop Program Success Measures					Post Draft Guidelines & PSP for Groundwater Grant Program/Public Comment Period
														Public Scoping Meetings to get input
Department of Water Resources and Central Valley Flood Protection Board	Flood Management	79780							In Process of Being Developed.					

# EXHIBIT "D"

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

**ASSEMBLY BILL**

**No. 725**

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**Introduced by Assembly Member Wagner**

February 25, 2015

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An act to amend Section 13050 of the Water Code, relating to water quality.

LEGISLATIVE COUNSEL'S DIGEST

AB 725, as introduced, Wagner. Water quality: Porter-Cologne Water Quality Control Act.

Under existing law, the State Water Resources Control Board and the California regional water quality control boards prescribe waste discharge requirements in accordance with the federal Clean Water Act and the Porter-Cologne Water Quality Control Act (state act). The state act defines various terms for purposes of the act.

This bill would make various nonsubstantive changes to these definitions.

Vote: majority. Appropriation: no. Fiscal committee: no. State-mandated local program: no.

*The people of the State of California do enact as follows:*

- 1 SECTION 1. Section 13050 of the Water Code is amended to
- 2 read:
- 3 13050. As used in this division:
- 4 (a) "State board" means the State Water Resources Control
- 5 Board.
- 6 (b) "Regional board" means any California regional water
- 7 quality control board for a region as specified in Section 13200.



1 (c) "Person" includes any city, county, district, the state, and  
2 the United States, to the extent authorized by federal law.

3 (d) "Waste" includes sewage and any and all other waste  
4 substances, liquid, solid, gaseous, or radioactive, associated with  
5 human habitation, or of human or animal origin, or from any  
6 producing, manufacturing, or processing operation, including waste  
7 placed within containers of whatever nature prior to, and for  
8 purposes of, disposal.

9 (e) "Waters of the state" means any surface water or  
10 groundwater, including saline waters, within the boundaries of the  
11 state.

12 (f) "Beneficial uses" of the waters of the state that may be  
13 protected against quality degradation include, but are not limited  
14 to, domestic, municipal, agricultural and industrial supply; power  
15 generation; recreation; aesthetic enjoyment; navigation; and  
16 preservation and enhancement of fish, wildlife, and other aquatic  
17 resources or preserves.

18 (g) "Quality of the water" refers to chemical, physical,  
19 biological, bacteriological, radiological, and other properties and  
20 characteristics of water ~~which~~ *that* affect its use.

21 (h) "Water quality objectives" means the limits or levels of  
22 water quality constituents or characteristics ~~which~~ *that* are  
23 established for the reasonable protection of beneficial uses of water  
24 or the prevention of nuisance within a specific area.

25 (i) "Water quality control" means the regulation of any activity  
26 or factor ~~which~~ *that* may affect the quality of the waters of the  
27 state and includes the prevention and correction of water pollution  
28 and nuisance.

29 (j) "Water quality control plan" consists of a designation or  
30 establishment for the waters within a specified area of all of the  
31 following:

32 (1) Beneficial uses to be protected.

33 (2) Water quality objectives.

34 (3) A program of implementation needed for achieving water  
35 quality objectives.

36 (k) "Contamination" means an impairment of the quality of the  
37 waters of the state by waste to a degree which creates a hazard to  
38 the public health through poisoning or through the spread of  
39 disease. "Contamination" includes any equivalent effect resulting

1 from the disposal of waste, whether or not waters of the state are  
2 affected.

3 (l) (1) "Pollution" means an alteration of the quality of the  
4 waters of the state by waste to a degree which unreasonably affects  
5 either of the following:

6 (A) The waters for beneficial uses.

7 (B) Facilities ~~which~~ *that* serve these beneficial uses.

8 (2) "Pollution" may include "contamination."

9 (m) "Nuisance" means anything ~~which~~ *that* meets all of the  
10 following requirements:

11 (1) Is injurious to health, or is indecent or offensive to the senses,  
12 or an obstruction to the free use of property, so as to interfere with  
13 the comfortable enjoyment of life or property.

14 (2) Affects at the same time an entire community or  
15 neighborhood, or any considerable number of persons, although  
16 the extent of the annoyance or damage inflicted upon individuals  
17 may be unequal.

18 (3) Occurs during, or as a result of, the treatment or disposal of  
19 wastes.

20 (n) "Recycled water" means water ~~which~~ *that*, as a result of  
21 treatment of waste, is suitable for a direct beneficial use or a  
22 controlled use that would not otherwise occur and is therefor  
23 considered a valuable resource.

24 (o) "Citizen or domiciliary" of the state includes a foreign  
25 corporation having substantial business contacts in the state or  
26 ~~which~~ *that* is subject to service of process in this state.

27 (p) (1) "Hazardous substance" means either of the following:

28 (A) For discharge to surface waters, any substance determined  
29 to be a hazardous substance pursuant to Section 311(b)(2) of the  
30 Federal Water Pollution Control Act (33 U.S.C. Sec. 1251 et seq.).

31 (B) For discharge to groundwater, any substance listed as a  
32 hazardous waste or hazardous material pursuant to Section 25140  
33 of the Health and Safety Code, without regard to whether the  
34 substance is intended to be used, reused, or discarded, except that  
35 "hazardous substance" does not include any substance excluded  
36 from Section 311(b)(2) of the Federal Water Pollution Control Act  
37 because it is within the scope of Section 311(a)(1) of that act.

38 (2) "Hazardous substance" does not include any of the  
39 following:

1 (A) Nontoxic, nonflammable, and noncorrosive stormwater  
2 runoff drained from underground vaults, chambers, or manholes  
3 into gutters or storm sewers.

4 (B) Any pesticide ~~which~~ *that* is applied for agricultural purposes  
5 or is applied in accordance with a cooperative agreement authorized  
6 by Section 116180 of the Health and Safety Code, and is not  
7 discharged accidentally or for purposes of disposal, the application  
8 of which is in compliance with all applicable state and federal laws  
9 and regulations.

10 (C) Any discharge to surface water of a quantity less than a  
11 reportable quantity as determined by regulations issued pursuant  
12 to Section 311(b)(4) of the Federal Water Pollution Control Act.

13 (D) Any discharge to land ~~which~~ *that* results, or probably will  
14 result, in a discharge to groundwater if the amount of the discharge  
15 to land is less than a reportable quantity, as determined by  
16 regulations adopted pursuant to Section 13271, for substances  
17 listed as hazardous pursuant to Section 25140 of the Health and  
18 Safety Code. No discharge shall be deemed a discharge of a  
19 reportable quantity until regulations set a reportable quantity for  
20 the substance discharged.

21 (q) (1) "Mining waste" means all solid, semisolid, and liquid  
22 waste materials from the extraction, beneficiation, and processing  
23 of ores and minerals. Mining waste includes, but is not limited to,  
24 soil, waste rock, and overburden, as defined in Section 2732 of  
25 the Public Resources Code, and tailings, slag, and other processed  
26 waste materials, including cementitious materials that are managed  
27 at the cement manufacturing facility where the materials were  
28 generated.

29 (2) For the purposes of this subdivision, "cementitious material"  
30 means cement, cement kiln dust, clinker, and clinker dust.

31 (r) "Master recycling permit" means a permit issued to a supplier  
32 or a distributor, or both, of recycled water, that includes waste  
33 discharge requirements prescribed pursuant to Section 13263 and  
34 water recycling requirements prescribed pursuant to Section  
35 13523.1.

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# EXHIBIT "E"

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

**ASSEMBLY BILL**

**No. 149**

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**Introduced by Assembly Member Chávez**

January 15, 2015

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An act to amend Section 10644 of, and to amend, repeal, and add Section 10621 of, the Water Code, relating to water management.

#### LEGISLATIVE COUNSEL'S DIGEST

AB 149, as introduced, Chávez. Urban water management plans.

Existing law, the Urban Water Management Planning Act, requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan and to update its plan once every 5 years on or before December 31 in years ending in 5 and zero, except as specified. The act requires an urban water supplier to submit to the Department of Water Resources a copy of its plan and requires the department to prepare and submit to the Legislature, on or before December 31, in the years ending in 6 and 1, a report summarizing the status of plans adopted pursuant to the act.

This bill, commencing January 1, 2017, would instead require an urban water supplier to update its plan at least once every 5 years on or before December 31 in years ending in 6 and one. The bill would instead require the department to submit its report to the Legislature, on or before December 31, in years ending in 7 and two.

Vote: majority. Appropriation: no. Fiscal committee: no.  
State-mandated local program: no.

*The people of the State of California do enact as follows:*

1 SECTION 1. Section 10621 of the Water Code is amended to  
2 read:

3 10621. (a) Each urban water supplier shall update its plan at  
4 least once every five years on or before December 31, in years  
5 ending in five and zero, except as provided in subdivision (d).

6 (b) Every urban water supplier required to prepare a plan  
7 pursuant to this part shall, at least 60 days before the public hearing  
8 on the plan required by Section 10642, notify any city or county  
9 within which the supplier provides water supplies that the urban  
10 water supplier will be reviewing the plan and considering  
11 amendments or changes to the plan. The urban water supplier may  
12 consult with, and obtain comments from, any city or county that  
13 receives notice pursuant to this subdivision.

14 (c) The amendments to, or changes in, the plan shall be adopted  
15 and filed in the manner set forth in Article 3 (commencing with  
16 Section 10640).

17 (d) Each urban water supplier shall update and submit its 2015  
18 plan to the department by July 1, 2016.

19 (e) *This section shall remain in effect only until December 31,*  
20 *2016 and as of that date is repealed.*

21 SEC. 2. Section 10621 is added to the Water Code, to read:

22 10621. (a) Each urban water supplier shall update its plan at  
23 least once every five years on or before December 31, in years  
24 ending in six and one.

25 (b) Every urban water supplier required to prepare a plan  
26 pursuant to this part shall, at least 60 days before the public hearing  
27 on the plan required by Section 10642, notify any city or county  
28 within which the supplier provides water supplies that the urban  
29 water supplier will be reviewing the plan and considering  
30 amendments or changes to the plan. The urban water supplier may  
31 consult with, and obtain comments from, any city or county that  
32 receives notice pursuant to this subdivision.

33 (c) The amendments to, or changes in, the plan shall be adopted  
34 and filed in the manner set forth in Article 3 (commencing with  
35 Section 10640).

36 (d) This section shall become operative on January 1, 2017.

37 SEC. 3. Section 10644 of the Water Code is amended to read:

1 10644. (a) (1) An urban water supplier shall submit to the  
2 department, the California State Library, and any city or county  
3 within which the supplier provides water supplies a copy of its  
4 plan no later than 30 days after adoption. Copies of amendments  
5 or changes to the plans shall be submitted to the department, the  
6 California State Library, and any city or county within which the  
7 supplier provides water supplies within 30 days after adoption.

8 (2) The plan, or amendments to the plan, submitted to the  
9 department pursuant to paragraph (1) shall be submitted  
10 electronically and shall include any standardized forms, tables, or  
11 displays specified by the department.

12 (b) (1) Notwithstanding Section 10231.5 of the Government  
13 Code, the department shall prepare and submit to the Legislature,  
14 on or before December 31, in the years ending in ~~six~~ *seven* and  
15 ~~one~~ *two*, a report summarizing the status of the plans adopted  
16 pursuant to this part. The report prepared by the department shall  
17 identify the exemplary elements of the individual plans. The  
18 department shall provide a copy of the report to each urban water  
19 supplier that has submitted its plan to the department. The  
20 department shall also prepare reports and provide data for any  
21 legislative hearings designed to consider the effectiveness of plans  
22 submitted pursuant to this part.

23 (2) A report to be submitted pursuant to paragraph (1) shall be  
24 submitted in compliance with Section 9795 of the Government  
25 Code.

26 (c) (1) For the purpose of identifying the exemplary elements  
27 of the individual plans, the department shall identify in the report  
28 water demand management measures adopted and implemented  
29 by specific urban water suppliers, and identified pursuant to Section  
30 10631, that achieve water savings significantly above the levels  
31 established by the department to meet the requirements of Section  
32 10631.5.

33 (2) The department shall distribute to the panel convened  
34 pursuant to Section 10631.7 the results achieved by the  
35 implementation of those water demand management measures  
36 described in paragraph (1).

- 1 (3) The department shall make available to the public the
- 2 standard the department will use to identify exemplary water
- 3 demand management measures.

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EXHIBIT "F"

SENATE BILL

No. 143

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Introduced by Senator Stone

January 27, 2015

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An act to add Section 115843 to the Health and Safety Code, relating to drinking water.

LEGISLATIVE COUNSEL'S DIGEST

SB 143, as introduced, Stone. Diamond Valley Reservoir: recreational use.

Existing law, with certain exceptions, prohibits recreational use, in which there is bodily contact with water, in a reservoir in which water is stored for domestic use and establishes water standards for those exempted reservoirs.

This bill would exempt from this prohibition recreational activity in which there is bodily contact with water by any participant in the Diamond Valley Reservoir if certain standards are met.

This bill would make legislative findings and declarations as to the necessity of a special statute for the Diamond Valley Reservoir in the County of Riverside.

Vote: majority. Appropriation: no. Fiscal committee: no. State-mandated local program: no.

*The people of the State of California do enact as follows:*

- 1 SECTION 1. Section 115843 is added to the Health and Safety
- 2 Code, to read:
- 3 115843. (a) In the Diamond Valley Reservoir, recreational
- 4 uses shall not include recreation in which there is bodily contact
- 5 with the water by any participant, unless both of the following
- 6 conditions are satisfied:



1 (1) The water subsequently receives complete water treatment,  
2 including coagulation, flocculation, sedimentation, filtration, and  
3 disinfection, before being used for domestic purposes.

4 (2) The reservoir is operated in compliance with regulations of  
5 the State Water Resources Control Board, as provided in Section  
6 115830.

7 (b) The recreational use may be subject to additional conditions  
8 and restrictions adopted by the entity operating the water supply  
9 reservoir, if the conditions and restrictions do not conflict with  
10 regulations of the State Water Resources Control Board and are  
11 designed to further protect or enhance the public health and safety.

12 SEC. 2. The Legislature finds and declares that a special law  
13 is necessary and that a general law cannot be made applicable  
14 within the meaning of Section 16 of Article IV of the California  
15 Constitution because of the unique recreational needs of the  
16 Diamond Valley Reservoir in the County of Riverside and the  
17 enactment of this special law is necessary for the use of water for  
18 the public good.

O

March 23, 2015

Prepared by: Jennifer Davis/Tanja Fournier

Submitted by: Robert Jacobson/Cheryl Clary

Approved by: Paul Cook

## CONSENT CALENDAR

### FEBRUARY 2015 TREASURY REPORTS

#### SUMMARY:

The following is submitted for the Board's information and approval:

- A. The Investment Summary Report for February 2015. This Investment Summary Report is in conformity with the 2015 Investment Policy and provides sufficient liquidity to meet estimated expenditures during the next six months, as outlined in Exhibit "A".
- B. The Monthly Interest Rate Swap Summary as of February 28, 2015, as outlined in Exhibit "B".
- C. The Summary of Payroll ACH payments in the total amount of \$1,460,738, as outlined in Exhibit "C".
- D. The February 28, 2015 Disbursement Summary of warrants 355667 through 356619, wire transfers, Workers' Compensation distributions, payroll withholding distributions, and voided checks in the total amount of \$26,265,154, as outlined in Exhibit "D".
- E. The Disclosure Report of Reimbursements to Board Members and Staff for February 2015, detailing payments or reimbursements for individual charges of \$100.00 or more per transaction, as outlined in Exhibit "E".

#### FISCAL IMPACTS:

As of February 28, 2015, the book value of the investment portfolio was \$272,293,249, with a 0.51% rate of return and a market value of \$272,253,756. Based on the District's December 31, 2014 quarterly real estate investment rate of return of 12.00%, the District's weighted average return for the fixed income and real estate investments was 2.89%.

As of February 28, 2015, the total notional amount of the interest rate swap portfolio was \$130 million of fixed payer swaps. Cash accrual in February from all swaps was negative \$562,902.

Payroll ACH payments totaled \$1,460,738, and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, and water purchases for February totaled \$26,265,154.

**ENVIRONMENTAL COMPLIANCE:**

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3 Section 15378.

**COMMITTEE STATUS:**

This item was not submitted to a Committee; however, the investment and interest rate swap reports are submitted to the Finance and Personnel Committee on a monthly basis.

**RECOMMENDATION:**

THAT THE BOARD RECEIVE AND FILE THE TREASURER'S INVESTMENT SUMMARY REPORT, THE MONTHLY INTEREST RATE SWAP SUMMARY FOR FEBRUARY 2015, AND DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF; APPROVE THE FEBRUARY 2015 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$1,460,738 AND APPROVE THE FEBRUARY 2015 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 355667 THROUGH 356619, WORKERS' COMPENSATION DISTRIBUTIONS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$26,265,154.

**LIST OF EXHIBITS:**

Exhibit "A" – Investment Summary Report

Exhibit "B" – Monthly Interest Rate Swap Summary

Exhibit "C" – Monthly Payroll ACH Summary

Exhibit "D" – Monthly Summary of District Disbursements

Exhibit "E" – Disclosure of Reimbursements to Board Members and Staff



IRVINE RANCH WATER DISTRICT  
SUMMARY OF MATURITIES

02/28/15

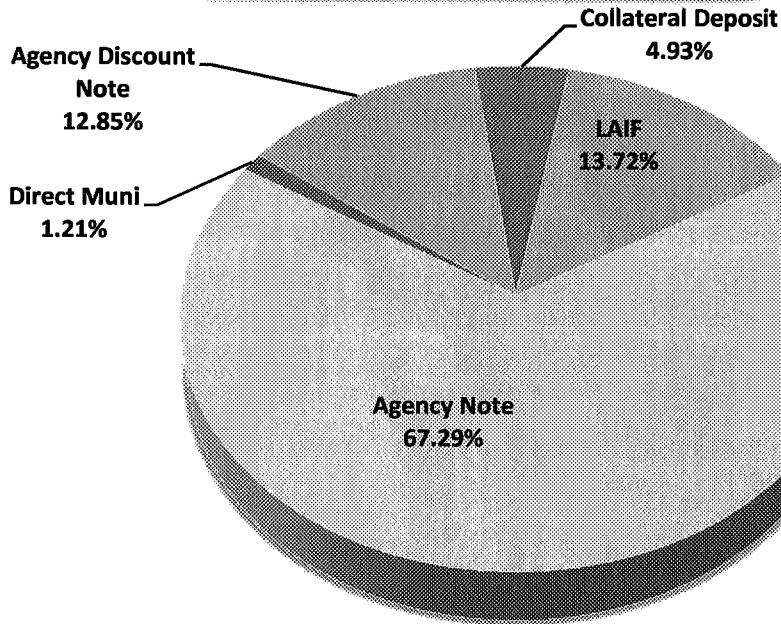
DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Collateral Deposit	Direct Muni
02/15	\$50,782,923	18.65%	\$37,352,159			\$13,430,764	
03/15	5,000,000	1.84%			5,000,000		
04/15	5,000,000	1.84%			5,000,000		
05/15	15,000,000	5.51%			15,000,000		
06/15	10,000,000	3.67%			10,000,000		
07/15	15,000,000	5.51%		15,000,000			
08/15	10,000,000	3.67%		10,000,000			
09/15	5,000,000	1.84%		5,000,000			
10/15	5,000,000	1.84%		5,000,000			
11/15	5,000,000	1.84%		5,000,000			
12/15	15,000,000	5.51%		15,000,000			
01/15	5,000,000	1.84%		5,000,000			
<b>SUB-TOTAL</b>	<b>\$145,782,923</b>	<b>53.54%</b>	<b>\$37,352,159</b>	<b>\$60,000,000</b>	<b>\$35,000,000</b>	<b>\$13,430,764</b>	
<b>13 Months - 3 YEARS</b>							
02/01/15 - 03/31/2016	5,740,741	2.12%		5,740,741			
04/01/16 - 06/30/2016	25,000,000	9.18%		25,000,000			
07/01/16 - 9/30/2016	25,000,000	9.18%		25,000,000			
10/01/16 - 12/31/2016	27,500,000	10.10%		27,500,000			
1/1/2017 - 3/31/2017	5,000,000	1.84%		5,000,000			
04/01/17-06/30/17	20,000,000	7.34%		20,000,000			
07/01/17 - 9/30/2017	10,000,000	3.67%		10,000,000			
10/30/17 - 12/31/2017	5,000,000	1.84%		5,000,000			
04/30/2036	3,282,270	1.21%					3,282,270
<b>TOTALS</b>	<b>\$272,305,933</b>	<b>100.00%</b>	<b>\$37,352,159</b>	<b>\$183,240,741</b>	<b>\$35,000,000</b>	<b>\$13,430,764</b>	<b>\$3,282,270</b>

% OF PORTFOLIO			13.72%	67.29%	12.85%	4.93%	1.21%
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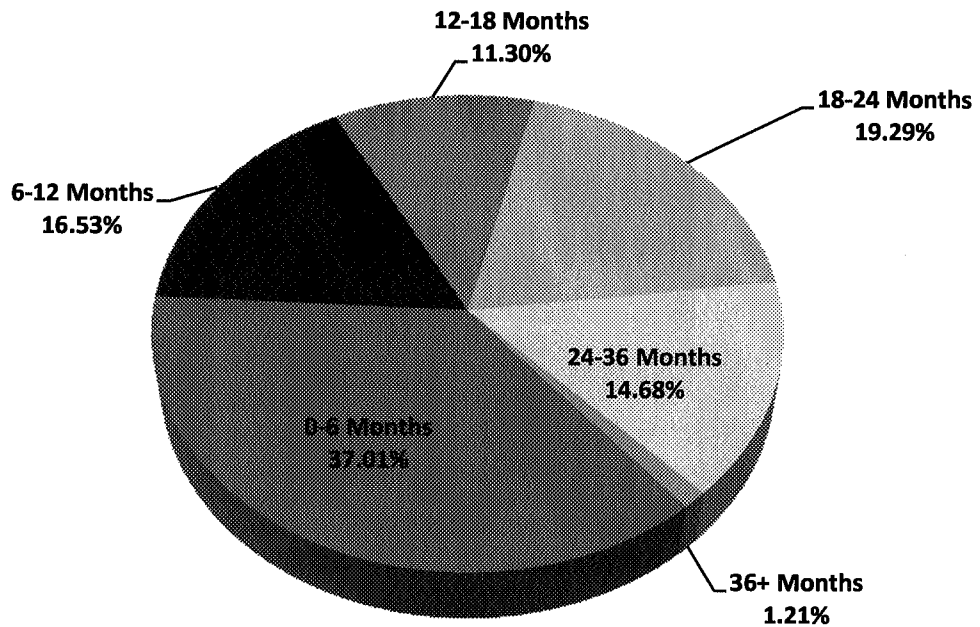
# Februray 2015 INVESTMENT PORTFOLIO

February 28, 2015

## Portfolio by Investment Type



## Portfolio by Maturities



Irvine Ranch Water District  
 Summary of Real Estate  
 12/31/2014

	<u>ACQUISITION DATE</u>	<u>PROPERTY TYPE</u>	<u>OWNERSHIP INTEREST</u>	<u>ORIGINAL COST</u>	<u>RATE OF RETURN QUARTER ENDED Dec-14</u>
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	15.90%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	8.44%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	5.44%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	2.55%
Sand Canyon Professional Center	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	8.60%
				<u>\$ 72,569,826</u>	<u>12.00%</u>

**IRVINE RANCH WATER DISTRICT INVESTMENT SUMMARY REPORT**  
**INVESTMENT ACTIVITY**  
**February 2015**

**MATURITIES/SALES/CALLS**

**PURCHASES**

DATE	SECURITY TYPE	PAR	YIELD	Settlement Date	Maturity Date	SECURITY TYPE	PAR	YIELD TO MATURITY
2/26/2015	FHLMC - Discount Note	\$5,000,000	0.08%					



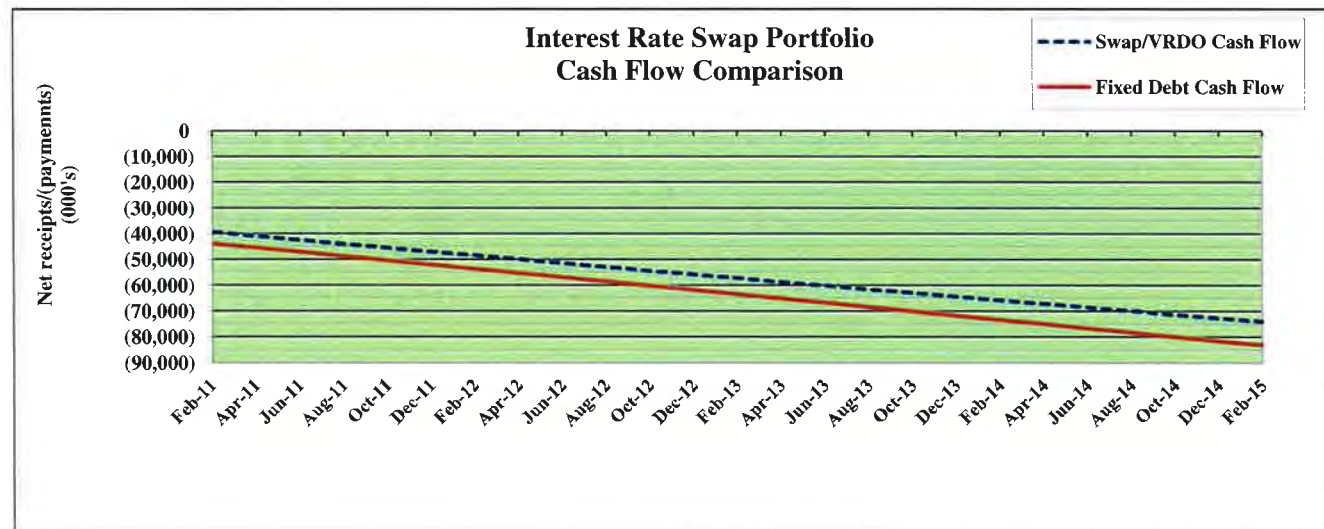
**IRVINE RANCH WATER DISTRICT  
INTEREST RATE SWAP MONTHLY SUMMARY REPORT - DETAIL  
February 28, 2015**

Exhibit "B"

								LIBOR Avg %			Prior Mo.		Current Mo.		12-Mo Avg	
								0.16%			0.17%		0.16%			
Current Fiscal Year Active Swaps								Cash Flow				(Since 6/06)		Mark to Market		
Effective Date	Maturity Date	Years to Maturity	Counter Party	Notional Amt	Type	Base Index	Fixed Rate	Prior Month	Current Month	Fiscal YTD	Cumulative Cash Flow	Current Mark to Market	Notional Difference			
<b>Fixed Payer Swaps - By Effective Date</b>																
6/4/2006	6/4/2019	4.3	ML	\$ 20,000,000	FXP	LIBOR	6.200%	\$ (97,056)	\$ (90,359)	\$ (794,946)	\$ (8,243,496)	\$ 15,975,829	\$ (4,024,171)			
6/4/2006	6/4/2019	4.3	CG	20,000,000	FXP	LIBOR	6.200%	(97,056)	(90,359)	(794,946)	(8,243,496)	15,995,433	(4,004,567)			
6/17/2006	6/17/2019	4.3	CG	30,000,000	FXP	LIBOR	6.140%	(144,263)	(134,184)	(1,180,792)	(12,220,963)	24,028,326	(5,971,674)			
3/10/2007	3/10/2029	14.0	ML	30,000,000	FXP	LIBOR	5.687%	(133,314)	(124,000)	(1,091,347)	(10,945,295)	17,062,941	(12,937,059)			
3/10/2007	3/10/2029	14.0	<u>CG</u>	30,000,000	FXP	LIBOR	5.687%	(133,314)	(124,000)	(1,091,347)	(10,945,295)	17,119,629	(12,880,371)			
<b>Totals/Weighted Avgs</b>		<b>8.8</b>		<b>\$ 130,000,000</b>			<b>5.949%</b>	<b>\$ (605,003)</b>	<b>\$ (562,902)</b>	<b>\$ (4,953,378)</b>	<b>\$ (50,598,546)</b>	<b>\$ 90,182,158</b>	<b>\$ (39,817,842)</b>			
<b>Total Current Year Active Swaps</b>				<b>\$ 130,000,000</b>				<b>\$ (605,003)</b>	<b>\$ (562,902)</b>	<b>\$ (4,953,378)</b>	<b>\$ (50,598,546)</b>	<b>\$ 90,182,158</b>	<b>\$ (39,817,842)</b>			

Current Fiscal Year Terminated Swaps								Cash Flow				Mark to Market	
Effective Date	Maturity Date		Counter Party	Notional Amt	Type	Base Index	Fixed Rate	Prior Month	Current Month	Fiscal YTD	Cumulative Cash Flow	Current Mark to Market	Notional Difference
<b>Total Current Year Terminated Swaps</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Current Fiscal Year - Total Swaps								Cash Flow				Mark to Market	
								Prior Month	Current Month	Fiscal YTD	Cumulative Cash Flow	Current Mark to Market	Notional Difference
<b>Total Current Year Active &amp; Terminated Swaps</b>				<b>\$ 130,000,000</b>				<b>\$ (605,003)</b>	<b>\$ (562,902)</b>	<b>\$ (4,953,378)</b>	<b>\$ (50,598,546)</b>	<b>\$ 90,182,158</b>	<b>\$ (39,817,842)</b>



Cash Flow Comparison	
Synthetic Fixed vs. Fixed Rate Debt	
Cash Flow to Date	
Synthetic Fixed =	\$70,507,613
Fixed Rate =	\$78,986,857
<b>Assumptions:</b>	
- Fixed rate debt issued at 5.10% in Jun-06, and 4.93% in Mar-07 (estimated TE rates - Bloomberg)	
- 'Synthetic' includes swap cash flow + interest + fees to date	

Exhibit "C"

MONTHLY SUMMARY OF PAYROLL ACH PAYMENTS

February  
2015

DATE	AMOUNT	VENDOR	PURPOSE
2/6/2015	728,945.33	BANK OF AMERICA	ACH Payments for Payroll
2/20/2015	731,792.42	BANK OF AMERICA	ACH Payments for Payroll
	<u><b>\$1,460,737.75</b></u>		

Exhibit "D"

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 1  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355667		02-FEB-15	ALL AMERICAN ASPHALT	PAY	582.89	05-FEB-15	582.89	Reconciled
355668		02-FEB-15	ORANGE COUNTY WATER DISTRICT	FOUNTAIN VALLEY	1,188.60	02-FEB-15	1,188.60	Reconciled
355669		05-FEB-15	AAF INTERNATIONAL		128.53	09-FEB-15	128.53	Reconciled
355670		05-FEB-15	ALEXANDER'S CONTRACT SERVICES, INC.		107,579.45	11-FEB-15	107,579.45	Reconciled
355671		05-FEB-15	ALPHA TRAFFIC SERVICES, INC.		470.00	09-FEB-15	470.00	Reconciled
355672		05-FEB-15	AT&T		81.72	10-FEB-15	81.72	Reconciled
355673		05-FEB-15	BADGER METER INC		51,564.61	18-FEB-15	51,564.61	Reconciled
355674		05-FEB-15	BHULLAR, TAHIRA		214.14	18-FEB-15	214.14	Reconciled
355675		05-FEB-15	BILL'S SWEEPING SERVICE INC		920.00	09-FEB-15	920.00	Reconciled
355676		05-FEB-15	BOYD & ASSOCIATES		90.00	09-FEB-15	90.00	Reconciled
355677		05-FEB-15	BRITHINEE ELECTRIC		6,423.01	09-FEB-15	6,423.01	Reconciled
355678		05-FEB-15	C WELLS PIPELINE MATERIALS INC		2,522.88	11-FEB-15	2,522.88	Reconciled
355679		05-FEB-15	CABELA'S MARKETING AND BRAND MANAGEMENT, INC.		146.95	10-FEB-15	146.95	Reconciled
355680		05-FEB-15	CAL WEST REPAIRS		514.80	18-FEB-15	514.80	Reconciled
355681		05-FEB-15	CALIFORNIA BARRICADE INC		7,415.00	10-FEB-15	7,415.00	Reconciled
355682		05-FEB-15	CALIFORNIA STATE UNIVERSITY, FULLERTON		4,200.00	12-FEB-15	4,200.00	Reconciled
355683		05-FEB-15	CANON SOLUTIONS AMERICA, INC.		71.84	09-FEB-15	71.84	Reconciled
355684		05-FEB-15	CAST IRON WELD & REPAIR		745.00	11-FEB-15	745.00	Reconciled
355685		05-FEB-15	CAVALIER, ROBERT		834.83	09-FEB-15	834.83	Reconciled
355686		05-FEB-15	CEFA OPERATIONS, INC		290.00	10-FEB-15	290.00	Reconciled
355687		05-FEB-15	Compton, Christine A		40.27			Negotiable
355688		05-FEB-15	CITIGROUP GLOBAL MARKETS INC.		3,062.47	12-FEB-15	3,062.47	Reconciled
355689		05-FEB-15	CITY OF LAKE FOREST		31,728.47	23-FEB-15	31,728.47	Reconciled
355690		05-FEB-15	CITY OF SANTA ANA		18,596.63			Negotiable
355691		05-FEB-15	CITY OF TUSTIN		384.66	09-FEB-15	384.66	Reconciled
355692		05-FEB-15	CLEARINGHOUSE		477.67	09-FEB-15	477.67	Reconciled
355693		05-FEB-15	CNC ENGINEERING, INC		150.00	11-FEB-15	150.00	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 2  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355694		05-FEB-15	CONEYBEARE INC		13,008.24	12-FEB-15	13,008.24	Reconciled
355695		05-FEB-15	D & H WATER SYSTEMS INC.		444.94	12-FEB-15	444.94	Reconciled
355696		05-FEB-15	DATAZEO, INC.		71.52	10-FEB-15	71.52	Reconciled
355697		05-FEB-15	DISCOUNT COURIER SERVICE		59.52	10-FEB-15	59.52	Reconciled
355698		05-FEB-15	EI&C ENGINEERING INC		28,755.00	13-FEB-15	28,755.00	Reconciled
355699		05-FEB-15	EMA INC		3,000.00	09-FEB-15	3,000.00	Reconciled
355700		05-FEB-15	ENDRESS AND HAUSER INC		2,231.86	10-FEB-15	2,231.86	Reconciled
355701		05-FEB-15	ENVIRONMENTAL EXPRESS INC		2,828.58	09-FEB-15	2,828.58	Reconciled
355702		05-FEB-15	ENVIRONMENTAL RESOURCE ASSOCIATES		151.37	10-FEB-15	151.37	Reconciled
355703		05-FEB-15	EVANTEC CORPORATION		61.30	09-FEB-15	61.30	Reconciled
355704		05-FEB-15	FEDEX		549.32	12-FEB-15	549.32	Reconciled
355705		05-FEB-15	FISHER SCIENTIFIC COMPANY LLC		226.42	09-FEB-15	226.42	Reconciled
355706		05-FEB-15	FRANCHISE TAX BOARD		45.00	10-FEB-15	45.00	Reconciled
355707		05-FEB-15	Soto, Franklin E (Frank)		240.00	09-FEB-15	240.00	Reconciled
355708		05-FEB-15	GOLDMAN, SACHS & CO		20,416.44	18-FEB-15	20,416.44	Reconciled

355709	05-FEB-15	GRAINGER	902.49	09-FEB-15	902.49	Reconciled
355710	05-FEB-15	H2O INNOVATION USA INC	3,959.28	13-FEB-15	3,959.28	Reconciled
355711	05-FEB-15	HAAKER EQUIPMENT COMPANY	731.60	09-FEB-15	731.60	Reconciled
355712	05-FEB-15	HATHAWAY DINWIDDIE	749.04	24-FEB-15	749.04	Reconciled
355713	05-FEB-15	HDR ENGINEERING INC	60,142.93	17-FEB-15	60,142.93	Reconciled
355714	05-FEB-15	HE, JILUN	9,195.07	09-FEB-15	9,195.07	Reconciled
355715	05-FEB-15	HILL BROTHERS CHEMICAL COMPANY	13,459.60	11-FEB-15	13,459.60	Reconciled
355716	05-FEB-15	HOME DEPOT USA INC	756.93	12-FEB-15	756.93	Reconciled
355717	05-FEB-15	HUANG, ANDY	36.75	12-FEB-15	36.75	Reconciled
355718	05-FEB-15	HUMANA INSURANCE COMPANY	390.00	11-FEB-15	390.00	Reconciled
355719	05-FEB-15	HUNSAKER & ASSOCIATES IRVINE	672.00	09-FEB-15	672.00	Reconciled
355720	05-FEB-15	HYAS GROUP LLC	15,750.00	23-FEB-15	15,750.00	Reconciled
355721	05-FEB-15	II FUELS INC	18,559.15	11-FEB-15	18,559.15	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 3  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355722		05-FEB-15	IRVINE COMMUNITY DEVELOPMENT COMPANY LLC		27,154.60	17-FEB-15	27,154.60	Reconciled
355723		05-FEB-15	IRVINE PACIFIC, LP		33.73	09-FEB-15	33.73	Reconciled
355724		05-FEB-15	IRVINE PIPE & SUPPLY INC		691.89	09-FEB-15	691.89	Reconciled
355725		05-FEB-15	IRWD EMPLOYEE ASSOCIATION		740.00	06-FEB-15	740.00	Reconciled
355726		05-FEB-15	IRWD-PETTY CASH CUSTODIAN		1,536.27	06-FEB-15	1,536.27	Reconciled
355727		05-FEB-15	J.L. WINGERT CO.		1,170.25	10-FEB-15	1,170.25	Reconciled
355728		05-FEB-15	JOHN MICHAEL COVAS		104.90	23-FEB-15	104.90	Reconciled
355729		05-FEB-15	Welch, Kelly A (Kellie)		55.02	06-FEB-15	55.02	Reconciled
355730		05-FEB-15	KENNEDY/JENKS CONSULTANTS INC		5,245.75	10-FEB-15	5,245.75	Reconciled
355731		05-FEB-15	KHAN, WASIMA		52.76	17-FEB-15	52.76	Reconciled
355732		05-FEB-15	KIM, SOON TAE		1,850.00	11-FEB-15	1,850.00	Reconciled
355733		05-FEB-15	KNIGHT, RUSSELL E		17.00	25-FEB-15	17.00	Reconciled
355734		05-FEB-15	KOHL, JOAN		12.29			Negotiable
355735		05-FEB-15	LGC GEOTECHNICAL, INC.		2,531.50	11-FEB-15	2,531.50	Reconciled
355736		05-FEB-15	LIGHTING RESOURCES, LLC		2,308.50	09-FEB-15	2,308.50	Reconciled
355737		05-FEB-15	LIU, KUEDONG		13.40			Negotiable
355738		05-FEB-15	LU, ZHENGJIE		15.59			Negotiable
355739		05-FEB-15	MAHYAR MOUFARA		494.56			Voided
355740		05-FEB-15	Perez, Martin C (Martin)		250.00			Negotiable
355741		05-FEB-15	MC MASTER CARR SUPPLY CO		940.50	09-FEB-15	940.50	Reconciled
355742		05-FEB-15	MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED		25,894.85	18-FEB-15	25,894.85	Reconciled
355743		05-FEB-15	MOISE, JIM		324.33	09-FEB-15	324.33	Reconciled
355744		05-FEB-15	MOODY'S INVESTORS SERVICE INC		5,500.00	12-FEB-15	5,500.00	Reconciled
355745		05-FEB-15	NATIONAL READY MIXED CONCRETE CO.		1,028.00	09-FEB-15	1,028.00	Reconciled
355746		05-FEB-15	NATURES IMAGE INC		3,706.77	09-FEB-15	3,706.77	Reconciled
355747		05-FEB-15	NAVIGANT CONSULTING, INC		9,708.00	09-FEB-15	9,708.00	Reconciled
355748		05-FEB-15	NEWPORT RIDGE HOA		1,223.14	11-FEB-15	1,223.14	Reconciled
355749		05-FEB-15	NGUYEN, JOHN		437.79	11-FEB-15	437.79	Reconciled
355750		05-FEB-15	NIST, ERIC		433.87	23-FEB-15	433.87	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 4  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355751		05-FEB-15	NMG GEOTECHNICAL INC		12,468.50	18-FEB-15	12,468.50	Reconciled
355752		05-FEB-15	NOVAK ELECTRONICS		19.35	17-FEB-15	19.35	Reconciled
355753		05-FEB-15	OCTA		1,275.00			Negotiable
355754		05-FEB-15	OLIN CORPORATION		8,661.05	11-FEB-15	8,661.05	Reconciled
355755		05-FEB-15	ONESOURCE DISTRIBUTORS LLC		8,352.69	09-FEB-15	8,352.69	Reconciled
355756		05-FEB-15	ORANGE COUNTY SANITATION		1,570.00	09-FEB-15	1,570.00	Reconciled

355757	05-FEB-15	DISTRICT PACIFIC COAST BOLT CORP	889.57	10-FEB-15	889.57	Reconciled
355758	05-FEB-15	PACIFIC PARTY RENTAL	517.60	25-FEB-15	517.60	Reconciled
355759	05-FEB-15	PARKHOUSE TIRE INC	2,003.10	10-FEB-15	2,003.10	Reconciled
355760	05-FEB-15	PEARPOINT	638.50	09-FEB-15	638.50	Reconciled
355761	05-FEB-15	PENTAIR VALVES & CONTROLS US LP	345.25	13-FEB-15	345.25	Reconciled
355762	05-FEB-15	PERS LONG TERM CARE	720.46	10-FEB-15	720.46	Reconciled
355763	05-FEB-15	PINNACLE LANDSCAPE COMPANY	6,560.00	09-FEB-15	6,560.00	Reconciled
355764	05-FEB-15	PRAXAIR DISTRIBUTION INC	1,605.15	09-FEB-15	1,605.15	Reconciled
355765	05-FEB-15	PRUDENTIAL OVERALL SUPPLY	166.64	09-FEB-15	166.64	Reconciled
355766	05-FEB-15	PYRO-COMM SYSTEMS INC	885.00	06-FEB-15	885.00	Reconciled
355767	05-FEB-15	R&B AUTOMATION INC	3,231.79	10-FEB-15	3,231.79	Reconciled
355768	05-FEB-15	RAM AIR ENGINEERING INC	1,639.58	09-FEB-15	1,639.58	Reconciled
355769	05-FEB-15	RBF CONSULTING	8,189.28	09-FEB-15	8,189.28	Reconciled
355770	05-FEB-15	RED HAWK FIRE & SECURITY (CA) LLC	432.00	09-FEB-15	432.00	Reconciled
355771	05-FEB-15	REED, JAMES D	1,954.52	11-FEB-15	1,954.52	Reconciled
355772	05-FEB-15	RICHMOND AMERICAN HOMES	17.00	20-FEB-15	17.00	Reconciled
355773	05-FEB-15	RO, ANNA	55.53	12-FEB-15	55.53	Reconciled
355774	05-FEB-15	Perez, Rodolfo (Rudy)	156.00			Negotiable
355775	05-FEB-15	RYLAND HOMES OF CALIFORNIA INC	20.68			Negotiable
355776	05-FEB-15	SANTA ANA BLUE PRINT	21.56	25-FEB-15	21.56	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 5  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355777		05-FEB-15	SCHULER ENGINEERING CORPORATION		90,313.40	12-FEB-15	90,313.40	Reconciled
355778		05-FEB-15	SEAL ANALYTICAL INC		249.31	13-FEB-15	249.31	Reconciled
355779		05-FEB-15	SHOETERIA INDUSTRIAL		9,087.64	10-FEB-15	9,087.64	Reconciled
355780		05-FEB-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		783.38	13-FEB-15	783.38	Reconciled
355781		05-FEB-15	SOUTH COAST ANSWERING SERVICE		418.62	10-FEB-15	418.62	Reconciled
355782		05-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY		308,834.34	09-FEB-15	308,834.34	Reconciled
355783		05-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY		7,887.56	10-FEB-15	7,887.56	Reconciled
355784		05-FEB-15	SULLIVAN, DANIEL		21.58	09-FEB-15	21.58	Reconciled
355785		05-FEB-15	TAYLOR MORRISON		14.95	23-FEB-15	14.95	Reconciled
355786		05-FEB-15	TELEDYNE LEEMAN LABS		433.45	12-FEB-15	433.45	Reconciled
355787		05-FEB-15	TESTAMERICA LABORATORIES, INC		52.50	11-FEB-15	52.50	Reconciled
355788		05-FEB-15	TETRA TECH, INC		47,162.67	12-FEB-15	47,162.67	Reconciled
355789		05-FEB-15	TOXGUARD FLUID TECHNOLOGIES		289.89	12-FEB-15	289.89	Reconciled
355790		05-FEB-15	TRI POINT HOMES INC		51.00			Negotiable
355791		05-FEB-15	TRICOR DIRECT INC		226.45	12-FEB-15	226.45	Reconciled
355792		05-FEB-15	TRUCPARCO		121.36	11-FEB-15	121.36	Reconciled
355793		05-FEB-15	TRUGREEN LANDCARE LLC		457.97	09-FEB-15	457.97	Reconciled
355794		05-FEB-15	ULTIMATE DETAILING		175.00	17-FEB-15	175.00	Reconciled
355795		05-FEB-15	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA		964.50	12-FEB-15	964.50	Reconciled
355796		05-FEB-15	UNITED HEALTHCARE INSURANCE COMPANY		2,699.40	17-FEB-15	2,699.40	Reconciled
355797		05-FEB-15	UNITED PARCEL SERVICE INC		61.40	09-FEB-15	61.40	Reconciled
355798		05-FEB-15	UNITED SITE SERVICES OF CALIFORNIA INC		152.31	11-FEB-15	152.31	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 6  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355799		05-FEB-15	UNITED STATES POST OFFICE		23,333.33	17-FEB-15	23,333.33	Reconciled
355800		05-FEB-15	URS CORPORATION		1,958.36	12-FEB-15	1,958.36	Reconciled
355801		05-FEB-15	US BANK NAT'L ASSOC N.DAKOTA		11,909.58	17-FEB-15	11,909.58	Reconciled
355802		05-FEB-15	US BANK NAT'L ASSOCIATION NORTH DAKOTA		41,302.40	18-FEB-15	41,302.40	Reconciled
355803		05-FEB-15	VCS ENVIRONMENTAL		1,247.50	09-FEB-15	1,247.50	Reconciled
355804		05-FEB-15	VERIZON CALIFORNIA INC		265.26	17-FEB-15	265.26	Reconciled
355805		05-FEB-15	WALTERS WHOLESALE ELECTRIC		18.90	11-FEB-15	18.90	Reconciled
355806		05-FEB-15	WANG, DOUGLAS		30.02			Negotiable
355807		05-FEB-15	WASTE MANAGEMENT OF ORANGE COUNTY		1,819.96	10-FEB-15	1,819.96	Reconciled
355808		05-FEB-15	WAXIE'S ENTERPRISES, INC		210.64	10-FEB-15	210.64	Reconciled
355809		05-FEB-15	WECK LABORATORIES INC		1,070.00	09-FEB-15	1,070.00	Reconciled
355810		05-FEB-15	WILLIAM LYON HOMES		12.14	19-FEB-15	12.14	Reconciled
355811		05-FEB-15	WILLIAM LYON HOMES INC		17.00	19-FEB-15	17.00	Reconciled
355812		05-FEB-15	WIRELESS WATCHDOGS, LLC		964.00	20-FEB-15	964.00	Reconciled
355813		05-FEB-15	YORK INSURANCE SERVICES GROUP INC - CA		7,936.25	09-FEB-15	7,936.25	Reconciled
355814		05-FEB-15	YSI INCORPORATED		519.26	10-FEB-15	519.26	Reconciled
355815		05-FEB-15	RANCHO VIEJO HOA PAY		894.25	06-FEB-15	894.25	Reconciled
355816		05-FEB-15	STATE BOARD OF EQUALIZATION	PO BOX 942879	212.00	11-FEB-15	212.00	Reconciled
355817		06-FEB-15	MAHYAR MOLKARA	PURCHASE	494.56	23-FEB-15	494.56	Reconciled
355818		09-FEB-15	CHARLES Z FEDAK & COMPANY	PURCHASE	19,090.00	18-FEB-15	19,090.00	Reconciled
355819		10-FEB-15	KINGS COUNTY TAX COLLECTOR	PURCHASE_P AY	18,738.53	23-FEB-15	18,738.53	Reconciled
355820		12-FEB-15	AMERICAN WATER WORKS ASSOC	PAY	249.00	18-FEB-15	249.00	Reconciled
355821		12-FEB-15	ATTORNEY GENERAL'S REGISTRY OF CHARITABLE TRUSTS	SACRAMENTO	150.00	24-FEB-15	150.00	Reconciled
355822		12-FEB-15	FRANCHISE TAX BOARD	SACRAMENTO 1	800.00	18-FEB-15	800.00	Reconciled
IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 7 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar ) Payment Type: All Display Supplier Address: No								

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355823		12-FEB-15	FRANCHISE TAX BOARD	SACRAMENTO 1	6,000.00	18-FEB-15	6,000.00	Reconciled
355824		12-FEB-15	Pham, Amie		120.00	24-FEB-15	120.00	Reconciled
355825		12-FEB-15	Compton, Christine A		56.53			Negotiable
355826		12-FEB-15	Alberts, Dale L (Dale)		165.00	20-FEB-15	165.00	Reconciled
355827		12-FEB-15	Chaney, David (Dave)		79.00	18-FEB-15	79.00	Reconciled
355828		12-FEB-15	Hayden, David M (Dave)		156.00	19-FEB-15	156.00	Reconciled
355829		12-FEB-15	Garza, Gaspar		138.43	23-FEB-15	138.43	Reconciled
355830		12-FEB-15	Jackson, Gina C (Gina)		88.62	13-FEB-15	88.62	Reconciled
355831		12-FEB-15	Costantino, Joseph A (Joe)		86.40	13-FEB-15	86.40	Reconciled
355832		12-FEB-15	Guzman, Juan (Juan)		200.00	24-FEB-15	200.00	Reconciled
355833		12-FEB-15	Daniel, Matthew (Matthew)		100.00	23-FEB-15	100.00	Reconciled
355834		12-FEB-15	Velazquez, Moises		170.64			Negotiable
355835		12-FEB-15	Castaneda, Natalie N (Natalie)		32.88			Negotiable
355836		12-FEB-15	Reynoso, Pio (Pio)		1,025.00	18-FEB-15	1,025.00	Reconciled
355837		12-FEB-15	Lao, Richard S		1,205.34			Negotiable
355838		12-FEB-15	Schulze, Richard W (Richard)		79.00	23-FEB-15	79.00	Reconciled
355839		12-FEB-15	Perez, Rodolfo (Rudy)		373.00			Negotiable
355840		12-FEB-15	A & V CONTRACTORS INC		28,594.86	23-FEB-15	28,594.86	Reconciled
355841		12-FEB-15	ADE		47.06			Negotiable

355842	12-FEB-15	ADS LLC	34,061.00	23-FEB-15	34,061.00	Reconciled
355843	12-FEB-15	AIRBORNE EXPRESS	691.49			Negotiable
355844	12-FEB-15	AKM CONSULTING ENGINEERS, INC.	36,870.00			Negotiable
355845	12-FEB-15	ALANNA BIRD	39.60	19-FEB-15	39.60	Reconciled
355846	12-FEB-15	AMERICAN WRECKING INC	689.31	20-FEB-15	689.31	Reconciled
355847	12-FEB-15	ANTHEM BLUE CROSS	1,089.40	23-FEB-15	1,089.40	Reconciled
355848	12-FEB-15	ANTHEM BLUE CROSS	415.62	23-FEB-15	415.62	Reconciled
355849	12-FEB-15	ANTHEM BLUE CROSS	2,012.80	23-FEB-15	2,012.80	Reconciled
355850	12-FEB-15	APD CONSULTANTS INC	645.00	17-FEB-15	645.00	Reconciled
355851	12-FEB-15	AQUA-METRIC SALES COMPANY	18,032.87	24-FEB-15	18,032.87	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 8  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355852		12-FEB-15	ARCADIS U.S., INC.		78,059.65			Negotiable
355853		12-FEB-15	AT&T		1,132.41	18-FEB-15	1,132.41	Reconciled
355854		12-FEB-15	AT&T		2,014.33	18-FEB-15	2,014.33	Reconciled
355855		12-FEB-15	AUTOZONE PARTS, INC.		274.58	18-FEB-15	274.58	Reconciled
355856		12-FEB-15	BAKER, LAURA		30.00	23-FEB-15	30.00	Reconciled
355857		12-FEB-15	BANK OF AMERICA		21,040.40	23-FEB-15	21,040.40	Reconciled
355858		12-FEB-15	BARRETT, SOHILLA		32.03	23-FEB-15	32.03	Reconciled
355859		12-FEB-15	BARNES, ANN		37.20			Negotiable
355860		12-FEB-15	BATTERIES PLUS AND BATTERIES PLUS BULBS		560.88	20-FEB-15	560.88	Reconciled
355861		12-FEB-15	BAUN, BRETT		22.83			Negotiable
355862		12-FEB-15	BAYLISS, DENNIS		30.84			Negotiable
355863		12-FEB-15	BDC SPECIAL WASTE		207.20	17-FEB-15	207.20	Reconciled
355864		12-FEB-15	BECKER, KAREN		92.95	19-FEB-15	92.95	Reconciled
355865		12-FEB-15	BEIGELMAN, GRACIELA		28.25			Negotiable
355866		12-FEB-15	BELL TOWER FLORIST & GIFTS		127.43			Negotiable
355867		12-FEB-15	BIGWIG MONSTER, LLC		10,950.00	20-FEB-15	10,950.00	Reconciled
355868		12-FEB-15	BIOMAGIC INC		10,661.77	24-FEB-15	10,661.77	Reconciled
355869		12-FEB-15	BLACK & VEATCH CORPORATION		292,660.46	24-FEB-15	292,660.46	Reconciled
355870		12-FEB-15	BLR INC		1,516.00	18-FEB-15	1,516.00	Reconciled
355871		12-FEB-15	BOSES, DENNIS		57.94			Negotiable
355872		12-FEB-15	BRANNIGAN, JOHN		64.09	20-FEB-15	64.09	Reconciled
355873		12-FEB-15	BRISENO, BRUCE		41.45	23-FEB-15	41.45	Reconciled
355874		12-FEB-15	BROOM, THERESA		141.70	18-FEB-15	141.70	Reconciled
355875		12-FEB-15	BRUBAKER, DAVID		24.49	19-FEB-15	24.49	Reconciled
355876		12-FEB-15	BUSCOMBE, BRIAN C		56.53	20-FEB-15	56.53	Reconciled
355877		12-FEB-15	CAAMANO, RUDY		416.54	23-FEB-15	416.54	Reconciled
355878		12-FEB-15	CALIFORNIA BARRICADE INC		300.00	18-FEB-15	300.00	Reconciled
355879		12-FEB-15	CAMACHO, MELISSA		58.32	23-FEB-15	58.32	Reconciled
355880		12-FEB-15	CANON FINANCIAL SERVICES, INC		8,422.12	19-FEB-15	8,422.12	Reconciled
355881		12-FEB-15	CANON SOLUTIONS AMERICA, INC.		2,908.81	17-FEB-15	2,908.81	Reconciled
355882		12-FEB-15	CAO, ZHILI		22.10			Negotiable
355883		12-FEB-15	CAPTIVE AUDIENCE MARKETING INC.		85.32	19-FEB-15	85.32	Reconciled
355884		12-FEB-15	CARABOTT, ALANNA		25.19			Negotiable
355885		12-FEB-15	CDW GOVERNMENT LLC		117.00	20-FEB-15	117.00	Reconciled
355886		12-FEB-15	CHAIDEZ, ELIZBETH		39.42			Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 9  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355887		12-FEB-15	CHANG, HUEI		59.49	25-FEB-15	59.49	Reconciled
355888		12-FEB-15	CHANG, MICHAEL		54.50			Negotiable
355889		12-FEB-15	CHEN, GANG		37.82			Negotiable
355890		12-FEB-15	CHEN, JIMMY		10.36			Negotiable
355891		12-FEB-15	CITY OF SANTA ANA		67.34	17-FEB-15	67.34	Reconciled
355892		12-FEB-15	CLA-VAL COMPANY		9,107.93	17-FEB-15	9,107.93	Reconciled
355893		12-FEB-15	CLARK, JOHN W		31.67	20-FEB-15	31.67	Reconciled
355894		12-FEB-15	CLEANTECH SERVICES		904.59			Negotiable
355895		12-FEB-15	CONEYBEARE INC		5,261.32	17-FEB-15	5,261.32	Reconciled
355896		12-FEB-15	CONSOLIDATED CONTRACTING SERV		3,453.71	17-FEB-15	3,453.71	Reconciled
355897		12-FEB-15	CREATIVE ALLIANCE GROUP LLC		500.00	20-FEB-15	500.00	Reconciled

355898	12-FEB-15	CREDENTIAL CHECK CORPORATION	38.44	17-FEB-15	38.44	Reconciled
355899	12-FEB-15	DAQIOAG, DARLENE	31.34			Negotiable
355900	12-FEB-15	DE VAUL PAINT COMPANY	729.45	17-FEB-15	729.45	Reconciled
355901	12-FEB-15	DEE JASPAR & ASSOCIATES, INC.	249.21	23-FEB-15	249.21	Reconciled
355902	12-FEB-15	DELL MARKETING LP	263.93	17-FEB-15	263.93	Reconciled
355903	12-FEB-15	DEPARTMENT OF INDUSTRIAL RELATIONS STATE OF CALIFORNIA	225.00	17-FEB-15	225.00	Reconciled
355904	12-FEB-15	DEX MEDIA INC.	74.25	20-FEB-15	74.25	Reconciled
355905	12-FEB-15	DONG, YI	32.75			Negotiable
355906	12-FEB-15	ELITE EARTHWORKS & ENGRY	943.97	18-FEB-15	943.97	Reconciled
355907	12-FEB-15	ELITE EQUIPMENT, INC.	918.00	24-FEB-15	918.00	Reconciled
355908	12-FEB-15	EMPLOYEE BENEFIT SPECIALIST, INC	150.00	24-FEB-15	150.00	Reconciled
355909	12-FEB-15	EMPLOYEE BENEFIT SPECIALIST, INC	1,000.00	24-FEB-15	1,000.00	Reconciled
355910	12-FEB-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	10,570.00	24-FEB-15	10,570.00	Reconciled
355911	12-FEB-15	ENTERPRISE SECURITY, INC	112.50	17-FEB-15	112.50	Reconciled
355912	12-FEB-15	ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC.	20,198.75	23-FEB-15	20,198.75	Reconciled
355913	12-FEB-15	ENVIRONMENTAL EXPRESS INC	3,881.82	19-FEB-15	3,881.82	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 10  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355914		12-FEB-15	EXECUTIVE LIGHTING & ELECTRIC		1,487.19	18-FEB-15	1,487.19	Reconciled
355915		12-FEB-15	FARRELL & ASSOCIATES		1,135.47	18-FEB-15	1,135.47	Reconciled
355916		12-FEB-15	FARSHAD, FARINAZ		24.56	23-FEB-15	24.56	Reconciled
355917		12-FEB-15	FASTUCA, PAUL		20.24	23-FEB-15	20.24	Reconciled
355918		12-FEB-15	FEDEX NATIONAL LTL, INC		468.25	18-FEB-15	468.25	Reconciled
355919		12-FEB-15	FINGER, MICHAEL		32.03	20-FEB-15	32.03	Reconciled
355920		12-FEB-15	FIRST CHOICE SERVICES		203.23	19-FEB-15	203.23	Reconciled
355921		12-FEB-15	FISHER SCIENTIFIC COMPANY LLC		7,072.28	17-FEB-15	7,072.28	Reconciled
355922		12-FEB-15	FORBES, STEVEN L		42.20	25-FEB-15	42.20	Reconciled
355923		12-FEB-15	FOUNTAIN, EARL		28.29			Negotiable
355924		12-FEB-15	FREEDOM COMMUNICATIONS INC		495.63			Negotiable
355925		12-FEB-15	FU, HUEI-YING		30.52	24-FEB-15	30.52	Reconciled
355926		12-FEB-15	FULLER TRUCK ACCESSORIES		2,709.16	17-FEB-15	2,709.16	Reconciled
355927		12-FEB-15	GANAHL LUMBER CO.		378.94	19-FEB-15	378.94	Reconciled
355928		12-FEB-15	GHD INC.		13,035.00	25-FEB-15	13,035.00	Reconciled
355929		12-FEB-15	GHORBAN, BO		46.36	20-FEB-15	46.36	Reconciled
355930		12-FEB-15	GIMIAN, DENNIS		26.52			Negotiable
355931		12-FEB-15	GOH, KIKUNO		24.25			Negotiable
355932		12-FEB-15	GONZALEZ, ALFRED		100.00			Negotiable
355933		12-FEB-15	GRAINGER		550.05	18-FEB-15	550.05	Reconciled
355934		12-FEB-15	GRAYBAR ELECTRIC COMPANY		11,061.09	23-FEB-15	11,061.09	Reconciled
355935		12-FEB-15	GWAVA TECHNOLOGIES, INC.		2,308.00	17-FEB-15	2,308.00	Reconciled
355936		12-FEB-15	H2O INNOVATION USA INC		3,959.28	24-FEB-15	3,959.28	Reconciled
355937		12-FEB-15	HAAKER EQUIPMENT COMPANY		12,219.13	23-FEB-15	12,219.13	Reconciled
355938		12-FEB-15	HACH COMPANY		1,254.39	19-FEB-15	1,254.39	Reconciled
355939		12-FEB-15	HAJNAVI, MINA		35.34			Negotiable
355940		12-FEB-15	HALCYON ELECTRIC INC		27,000.00	23-FEB-15	27,000.00	Reconciled
355941		12-FEB-15	HARDY & HARPER INC		9,850.00	17-FEB-15	9,850.00	Reconciled
355942		12-FEB-15	HARRIMAN, JOHNNIE		51.96			Negotiable
355943		12-FEB-15	HE, PING		127.40			Negotiable
355944		12-FEB-15	HEIDELBERGER, DAN		32.80			Negotiable
355945		12-FEB-15	HELP/SYSTEMS, LLC		10,595.00	23-FEB-15	10,595.00	Reconciled
355946		12-FEB-15	HERITAGE FIELDS		2,405.97	20-FEB-15	2,405.97	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 11  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Cleared



Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355947		12-FEB-15	HERITAGE FIELDS EL TORO LLC		1,025.00	20-FEB-15	1,025.00	Reconciled
355948		12-FEB-15	HERITAGE FIELDS EL TORO, LLC		395,159.25	24-FEB-15	395,159.25	Reconciled
355949		12-FEB-15	HILL BROTHERS CHEMICAL COMPANY		3,867.55	18-FEB-15	3,867.55	Reconciled
355950		12-FEB-15	HOME DEPOT USA INC		1,410.78	18-FEB-15	1,410.78	Reconciled
355951		12-FEB-15	HONG, SEUNGHEE		36.74			Negotiable
355952		12-FEB-15	HOWARD, ROBERT W		35.46			Negotiable
355953		12-FEB-15	HSIAO, AMY		109.70	24-FEB-15	109.70	Reconciled
355954		12-FEB-15	HUANG, SAM		77.34	23-FEB-15	77.34	Reconciled
355955		12-FEB-15	IACOVINO, DENNIS		40.28			Negotiable
355956		12-FEB-15	IBARRA, JENNIFER		20.00	23-FEB-15	20.00	Reconciled
355957		12-FEB-15	IBM CORPORATION		1,179.00	19-FEB-15	1,179.00	Reconciled
355958		12-FEB-15	IMPERIAL WESTERN PRODUCTS INC		1,691.28	17-FEB-15	1,691.28	Reconciled
355959		12-FEB-15	INDUSTRIAL ELECTRIC MACHINERY LLC		496.97	18-FEB-15	496.97	Reconciled
355960		12-FEB-15	INDUSTRIAL METAL SUPPLY CO		720.58	17-FEB-15	720.58	Reconciled
355961		12-FEB-15	INTERNATIONAL LINE BUILDERS		101.03	18-FEB-15	101.03	Reconciled
355962		12-FEB-15	IRVINE PACIFIC, LP		196.87	24-FEB-15	196.87	Reconciled
355963		12-FEB-15	IRVINE PIPE & SUPPLY INC		475.46	17-FEB-15	475.46	Reconciled
355964		12-FEB-15	IRVINE VALENCIA GROWERS		588.22	17-FEB-15	588.22	Reconciled
355965		12-FEB-15	JERABEK, CRYSTAL		554.40			Negotiable
355966		12-FEB-15	JONES, STEPHEN		112.77	23-FEB-15	112.77	Reconciled
355967		12-FEB-15	KAM GROUP INC		990.55	17-FEB-15	990.55	Reconciled
355968		12-FEB-15	KAPANO, ROBINSON		34.21	18-FEB-15	34.21	Reconciled
355969		12-FEB-15	KEC ENGINEERING		855.39	23-FEB-15	855.39	Reconciled
355970		12-FEB-15	KERN COUNTY TREASURER TAX COLLECTOR		20.00	20-FEB-15	20.00	Reconciled
355971		12-FEB-15	KIMBALL MIDWEST		862.02	18-FEB-15	862.02	Reconciled
355972		12-FEB-15	KLEINFELDER, INC.		2,576.12	17-FEB-15	2,576.12	Reconciled
355973		12-FEB-15	KOELLER NEBEKER CARLSON & HALUCK, LLP		25,327.28	24-FEB-15	25,327.28	Reconciled
355974		12-FEB-15	KS DIRECT LLC		6,240.24	17-FEB-15	6,240.24	Reconciled
355975		12-FEB-15	L & S CONSTRUCTION INC		313.20	20-FEB-15	313.20	Reconciled
355976		12-FEB-15	LA HABRA FENCE COMPANY INC		5,660.00	20-FEB-15	5,660.00	Reconciled
IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 12 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar ) Payment Type: All Display Supplier Address: No								

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
355977		12-FEB-15	LA MOTTE, JEFFREY		25.83			Negotiable
355978		12-FEB-15	LAGUNA BEACH COUNTY WATER DISTRICT		4,247.81	18-FEB-15	4,247.81	Reconciled
355979		12-FEB-15	LAKE FOREST RESTAURANT LLC		114.81			Negotiable
355980		12-FEB-15	LAPKIN, DAVID		469.93			Negotiable
355981		12-FEB-15	LAROCHE, PIERRE		39.17	20-FEB-15	39.17	Reconciled
355982		12-FEB-15	LEE, BRIAN		206.09	23-FEB-15	206.09	Reconciled
355983		12-FEB-15	LEE, KO		35.00	17-FEB-15	35.00	Reconciled
355984		12-FEB-15	LEE, WON		47.19			Negotiable
355985		12-FEB-15	LEONARD CHAIDEZ TREE SERVICE		4,795.00	18-FEB-15	4,795.00	Reconciled
355986		12-FEB-15	LEWIS OPERATING CORP		1,625.00	25-FEB-15	1,625.00	Reconciled
355987		12-FEB-15	LI, PEIHANG		19.61			Negotiable
355988		12-FEB-15	LI, PING		28.25	24-FEB-15	28.25	Reconciled
355989		12-FEB-15	LILLESTRAND LEADERSHIP CONSULTING, INC.		776.83	20-FEB-15	776.83	Reconciled
355990		12-FEB-15	LIN, SHUPEI		21.22			Negotiable
355991		12-FEB-15	LIN, YUNGHSIN		0.56			Negotiable
355992		12-FEB-15	LINE-X OF SOUTH COAST		3,627.00	19-FEB-15	3,627.00	Reconciled
355993		12-FEB-15	LOPEZ, MARIA		34.45			Negotiable
355994		12-FEB-15	MA, KEVIN		26.40	19-FEB-15	26.40	Reconciled
355995		12-FEB-15	MAHMOUDI, KAMBIZ		16.07			Negotiable
355996		12-FEB-15	MATSUO, AKIRA		31.89	19-FEB-15	31.89	Reconciled
355997		12-FEB-15	MAUREEN SASSOON		2,043.00	19-FEB-15	2,043.00	Reconciled
355998		12-FEB-15	MC MASTER CARR SUPPLY CO		4,185.16	19-FEB-15	4,185.16	Reconciled
355999		12-FEB-15	MEDINA, FRANCIS		27.97	18-FEB-15	27.97	Reconciled
356000		12-FEB-15	MEHLING, MICHAEL		42.24			Negotiable
356001		12-FEB-15	MELTZER, CHRIS		15.88	18-FEB-15	15.88	Reconciled

356002	12-FEB-15	METROPOLIS GARDENS LLC	1,223.39		Negotiable
356003	12-FEB-15	MINAMI, KEINCHI	76.98		Negotiable
356004	12-FEB-15	MOORJANI, VEENA	10.54		Negotiable
356005	12-FEB-15	MORGAN, DANIEL	11.67		Negotiable
356006	12-FEB-15	MORRISSEY, PATRICK	17.00	20-FEB-15	17.00 Reconciled
356007	12-FEB-15	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY	1,500.00	17-FEB-15	1,500.00 Reconciled
356008	12-FEB-15	NA, JIN	16.85	17-FEB-15	16.85 Reconciled
356009	12-FEB-15	NATHAN, RANGA	26.40	23-FEB-15	26.40 Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 13  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356010		12-FEB-15	NATIONAL READY MIXED CONCRETE CO.		944.76	17-FEB-15	944.76	Reconciled
356011		12-FEB-15	NATURES IMAGE INC		549.00	17-FEB-15	549.00	Reconciled
356012		12-FEB-15	NAVARRO, ISABELLA		23.13			Negotiable
356013		12-FEB-15	NEPTUNE TECHNOLOGY GROUP, INC.		75,129.12	23-FEB-15	75,129.12	Reconciled
356014		12-FEB-15	NGUYEN, HOANG		38.24			Negotiable
356015		12-FEB-15	NIEDWICK, RYAN		35.12	19-FEB-15	35.12	Reconciled
356016		12-FEB-15	NOVA, SUNCOAST		28.25	24-FEB-15	28.25	Reconciled
356017		12-FEB-15	OCEAN BLUE ENVIRONMENTAL SERVICES INC		8,460.39	23-FEB-15	8,460.39	Reconciled
356018		12-FEB-15	OLIN CORPORATION		14,271.64	23-FEB-15	14,271.64	Reconciled
356019		12-FEB-15	ON-SITE BUILDERS INC		50.58	17-FEB-15	50.58	Reconciled
356020		12-FEB-15	ONESOURCE DISTRIBUTORS LLC		8,782.23	17-FEB-15	8,782.23	Reconciled
356021		12-FEB-15	OPEN HOUSE REALTY & INVST INC		43.72	20-FEB-15	43.72	Reconciled
356022		12-FEB-15	ORANGE COUNTY AUTO PARTS CO		174.91	17-FEB-15	174.91	Reconciled
356023		12-FEB-15	ORANGE COUNTY AUTO PARTS CO		845.73	17-FEB-15	845.73	Reconciled
356024		12-FEB-15	ORANGE COUNTY SANITATION DISTRICT		3,140.00	17-FEB-15	3,140.00	Reconciled
356025		12-FEB-15	PAC RIM ENGINEERING		2,750.00	23-FEB-15	2,750.00	Reconciled
356026		12-FEB-15	PACIFIC COAST BOLT CORP		787.20	17-FEB-15	787.20	Reconciled
356027		12-FEB-15	PACIFIC GAS AND ELECTRIC COMPANY		23.43	20-FEB-15	23.43	Reconciled
356028		12-FEB-15	PACIFIC HYDROTECH CORPORATION		863,659.13	23-FEB-15	863,659.13	Reconciled
356029		12-FEB-15	PACIFIC HYDROTECH CORPORATION		45,455.75	24-FEB-15	45,455.75	Reconciled
356030		12-FEB-15	PALMER, CINDY		19.82			Negotiable
356031		12-FEB-15	PAPER DEPOT DOCUMENT DESTRUCTION LLC		540.00	20-FEB-15	540.00	Reconciled
356032		12-FEB-15	PAR ELECTRICAL CONTRACTORS INC		1,618.16			Negotiable
356033		12-FEB-15	PARK WEST LANDSCAPE		10,538.71			Negotiable
356034		12-FEB-15	PARK, JUNG		29.81	19-FEB-15	29.81	Reconciled
356035		12-FEB-15	PARKHOUSE TIRE INC		4,748.83	18-FEB-15	4,748.83	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 14  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356036		12-FEB-15	PARTOW, MAZIYAR		82.74			Negotiable
356037		12-FEB-15	PECKHAM, JASON		15.59			Negotiable
356038		12-FEB-15	PETT-DANTE, CYNTHIA		64.18			Negotiable
356039		12-FEB-15	PHAM, AILEEN		17.00			Negotiable
356040		12-FEB-15	PHILLIPS, CARMELA		44.34	23-FEB-15	44.34	Reconciled
356041		12-FEB-15	PRAXAIR DISTRIBUTION INC		943.99	19-FEB-15	943.99	Reconciled
356042		12-FEB-15	PRIM PROPERTY ASS		32.25			Negotiable
356043		12-FEB-15	PRUDENTIAL OVERALL SUPPLY		3,198.72	18-FEB-15	3,198.72	Reconciled
356044		12-FEB-15	QIU, SURAO		55.01			Negotiable
356045		12-FEB-15	QUACH, BEN		19.91			Negotiable
356046		12-FEB-15	QUINCY COMPRESSOR LLC		3,362.36	18-FEB-15	3,362.36	Reconciled
356047		12-FEB-15	QUINN RENTAL		1,628.26	17-FEB-15	1,628.26	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
356048		12-FEB-15	SERVICES R C POSTER CORPORATION		297,451.65			Negotiable
356049		12-FEB-15	RAEFSKI, JASON		32.18	23-FEB-15	32.18	Reconciled
356050		12-FEB-15	RAINBOW DISPOSAL CO INC		330.66	19-FEB-15	330.66	Reconciled
356051		12-FEB-15	RAM AIR ENGINEERING INC		1,467.38	18-FEB-15	1,467.38	Reconciled
356052		12-FEB-15	REFRIGERATION SUPPLIES		186.14	19-FEB-15	186.14	Reconciled
356053		12-FEB-15	RESOLUTE CONTRACTORS, INC		741.82	23-FEB-15	741.82	Reconciled
356054		12-FEB-15	RINCON TRUCK CENTER INC.		912.53	17-FEB-15	912.53	Reconciled
356055		12-FEB-15	ROBERT J. LUNG & ASSOCIATES INC		955.80	24-FEB-15	955.80	Reconciled
356056		12-FEB-15	ROCHESTER MIDLAND CORPORATION		1,457.76	23-FEB-15	1,457.76	Reconciled
356057		12-FEB-15	ROKICH, PAUL		26.28			Negotiable
356058		12-FEB-15	RYLAND HOMES OF CALIFORNIA INC		181.35			Negotiable
356059		12-FEB-15	S&S SEEDS INC		181.53	17-FEB-15	181.53	Reconciled
356060		12-FEB-15	SANDERS, KRISTI		34.92	19-FEB-15	34.92	Reconciled
356061		12-FEB-15	SANTA ANA BLUE PRINT		950.08	18-FEB-15	950.08	Reconciled
356062		12-FEB-15	SANTA MARGARITA FORD		4,661.58	17-FEB-15	4,661.58	Reconciled
356063		12-FEB-15	SAVANT CONSTRUCTION		1,008.45	20-FEB-15	1,008.45	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 15  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356064		12-FEB-15	SCHINDLER ELEVATOR CORPORATION		174.45	19-FEB-15	174.45	Reconciled
356065		12-FEB-15	SCHOLLE JAMBOREE PROPERTY		881.62			Negotiable
356066		12-FEB-15	SEOK, JOOHYUN		29.47	23-FEB-15	29.47	Reconciled
356067		12-FEB-15	SHAFFER, TERENCE		28.20	19-FEB-15	28.20	Reconciled
356068		12-FEB-15	SHAMROCK SUPPLY CO INC		976.20	17-FEB-15	976.20	Reconciled
356069		12-FEB-15	SHANG, SIAOHONG		655.37			Negotiable
356070		12-FEB-15	SHEA HOMES		816.55			Negotiable
356071		12-FEB-15	SILVERWOOD LANDSCAPE		1,084.15	23-FEB-15	1,084.15	Reconciled
356072		12-FEB-15	SIMI VALLEY LANDFILL AND RECYCLING CENTER		799.10	17-FEB-15	799.10	Reconciled
356073		12-FEB-15	SINGH, DALJEET		50.53	18-FEB-15	50.53	Reconciled
356074		12-FEB-15	SKINNER, RHETT		16.03			Negotiable
356075		12-FEB-15	SNYDER LANGSTON		409.96	24-FEB-15	409.96	Reconciled
356076		12-FEB-15	SOLUTIONS 4 INDUSTRY		554.86			Negotiable
356077		12-FEB-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		119.76	19-FEB-15	119.76	Reconciled
356078		12-FEB-15	SOUTH COAST WATER DISTRICT		2,481.00	17-FEB-15	2,481.00	Reconciled
356079		12-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY		7,259.31	17-FEB-15	7,259.31	Reconciled
356080		12-FEB-15	STATE BOARD OF EQUALIZATION		1,134.00	20-FEB-15	1,134.00	Reconciled
356081		12-FEB-15	STEEL UNLIMITED INC		337.80	17-FEB-15	337.80	Reconciled
356082		12-FEB-15	STICE COMPANY INC		186.20	23-FEB-15	186.20	Reconciled
356083		12-FEB-15	SUPPORT PRODUCTS SERVICES		957.00	17-FEB-15	957.00	Reconciled
356084		12-FEB-15	SWINERTON BUILDERS		675.30	24-FEB-15	675.30	Reconciled
356085		12-FEB-15	SZWEMINSKA, MARIA		17.00			Negotiable
356086		12-FEB-15	TAYLOR, MICHAEL		32.80			Negotiable
356087		12-FEB-15	TESTAMERICA LABORATORIES, INC		157.50	17-FEB-15	157.50	Reconciled
356088		12-FEB-15	TETRA TECH, INC		5,175.00	17-FEB-15	5,175.00	Reconciled
356089		12-FEB-15	THE FURMAN GROUP, INC.		11,600.00			Negotiable
356090		12-FEB-15	THE GAS COMPANY		7,613.00			Negotiable
356091		12-FEB-15	THE NEW HOME COMPANY		9,068.21			Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 16  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
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Payment Document : IRWD CHECK

Payment Number	Date	Supplier Name	Payment Amount	Cleared Date	Cleared Amount	Status
356092	12-FEB-15	THYSSENKRUPP ELEVATOR CORPORATION	173.65	17-FEB-15	173.65	Reconciled
356093	12-FEB-15	TODAY REAL ESTATE	30.39	25-FEB-15	30.39	Reconciled
356094	12-FEB-15	TRIPAC MARKETING INC	496.50	18-FEB-15	496.50	Reconciled
356095	12-FEB-15	TRUCPARCO	1,525.60	24-FEB-15	1,525.60	Reconciled
356096	12-FEB-15	TRUGREEN LANDCARE LLC	39,951.57	23-FEB-15	39,951.57	Reconciled
356097	12-FEB-15	TRUJILLO, MATT	31.82			Negotiable
356098	12-FEB-15	TTS ENGINEERING INC	1,574.15	23-FEB-15	1,574.15	Reconciled
356099	12-FEB-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.	305.00	17-FEB-15	305.00	Reconciled
356100	12-FEB-15	UNITED PARCEL SERVICE INC	121.10	17-FEB-15	121.10	Reconciled
356101	12-FEB-15	USA BLUEBOOK	521.68	20-FEB-15	521.68	Reconciled
356102	12-FEB-15	USDA FOREST SERVICE	263.51	17-FEB-15	263.51	Reconciled
356103	12-FEB-15	VALLEY CREST LANDSCAPE	685.94			Negotiable
356104	12-FEB-15	VAUGHAN'S INDUSTRIAL REPAIR CO INC	4,394.80	17-FEB-15	4,394.80	Reconciled
356105	12-FEB-15	VCI CONSTRUCTION INC	9,875.00	18-FEB-15	9,875.00	Reconciled
356106	12-FEB-15	VERIZON WIRELESS SERVICES LLC	894.36	20-FEB-15	894.36	Reconciled
356107	12-FEB-15	VIRA, RAHUL	20.94			Negotiable
356108	12-FEB-15	VON KARMAN INC PTRS HLDG CO LL	218.41			Negotiable
356109	12-FEB-15	VORA, VIKRAM	25.09			Negotiable
356110	12-FEB-15	W A RASIC CONSTRUCTION	694.17			Negotiable
356111	12-FEB-15	WALSH, JENNIFER	31.31			Negotiable
356112	12-FEB-15	WALTERS WHOLESALE ELECTRIC	61.23	19-FEB-15	61.23	Reconciled
356113	12-FEB-15	WANG, MEI HUI	72.92			Negotiable
356114	12-FEB-15	WASTE MANAGEMENT OF ORANGE COUNTY	2,641.87	17-FEB-15	2,641.87	Reconciled
356115	12-FEB-15	WEAVER, AMANDA	19.31			Negotiable
356116	12-FEB-15	WECK LABORATORIES INC	35.00	20-FEB-15	35.00	Reconciled
356117	12-FEB-15	WERMERS MULTI-FAMILY CORP	809.25	23-FEB-15	809.25	Reconciled

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles  
 Bank Account Currency: USD ( US Dollar )  
 Payment Type: All  
 Payment Register For 01-FEB-15 To 28-FEB-15  
 Account: Checking AP and PR  
 Payment Currency: USD ( US Dollar )  
 Display Supplier Address: No  
 Report Date: 02-MAR-2015 15:32  
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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356118		12-FEB-15	WEST COAST SAFETY SUPPLY INC		1,101.36	24-FEB-15	1,101.36	Reconciled
356119		12-FEB-15	WESTERN EXTERMINATOR COMPANY		624.00			Negotiable
356120		12-FEB-15	WESTERN NATIONAL CONTRACTORS		375.10			Negotiable
356121		12-FEB-15	WILKINSON, TORRI		87.96			Negotiable
356122		12-FEB-15	WILLIAM, PRANTIE A		23.98			Negotiable
356123		12-FEB-15	WILTSHIRE, DANIEL		118.81	19-FEB-15	118.81	Reconciled
356124		12-FEB-15	WORKSCAPES AT NEWPORT BEACH		23.96			Negotiable
356125		12-FEB-15	WU, CHUNTEKO		23.54			Negotiable
356126		12-FEB-15	XIA, WEB		26.87	17-FEB-15	26.87	Reconciled
356127		12-FEB-15	XU, JIARUI		25.25			Negotiable
356128		12-FEB-15	YANG, MAO RU		143.36			Negotiable
356129		12-FEB-15	YAO, HERNG		36.74			Negotiable
356130		12-FEB-15	YAU, SHIRLEY		29.74	18-FEB-15	29.74	Reconciled
356131		12-FEB-15	YOON, SUNGSOO		39.25			Negotiable
356132		12-FEB-15	YP LLC		122.00	19-FEB-15	122.00	Reconciled
356133		12-FEB-15	ZAMUDIO, GLORIA		56.56			Negotiable
356134		12-FEB-15	ZHANG, SHU XIANG		29.33			Negotiable
356135		12-FEB-15	ZHAO, KUN		35.84			Negotiable
356136		17-FEB-15	RANADE, SATISH	PAY	157.68	20-FEB-15	157.68	Reconciled
356137		17-FEB-15	JCI JONES CHEMICALS INC	CINCINNATI	11,535.74	23-FEB-15	11,535.74	Reconciled
356138		19-FEB-15	DUDLEY RIDGE WATERPAY DISTRICT		4,278.00			Negotiable
356139		19-FEB-15	DUDLEY RIDGE WATERPAY DISTRICT		6,609.89			Negotiable
356140		19-FEB-15	Hjorth, Charles O (Charles)		53.99			Negotiable
356141		19-FEB-15	Silva, Jose A (Jose)		240.00	20-FEB-15	240.00	Reconciled
356142		19-FEB-15	Oldewage, Lars D (Lars)		410.81	20-FEB-15	410.81	Reconciled

356143	19-FEB-15	Swan, Peer	2,019.68	23-FEB-15	2,019.68	Reconciled
356144	19-FEB-15	Bennett, Ray R (Ray)	70.34	23-FEB-15	70.34	Reconciled
356145	19-FEB-15	Ruiz, Ricky (Ricky)	865.00			Negotiable
356146	19-FEB-15	CREATIVE ALLIANCE ENCINITAS GROUP LLC	500.00	25-FEB-15	500.00	Reconciled
356147	19-FEB-15	A & Y ASPHALT CONTRACTORS INC	15,777.00	25-FEB-15	15,777.00	Reconciled
356148	19-FEB-15	ACCUSTANDARD INC	143.96			Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 18  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356149		19-FEB-15	ADAMS, LACEY		49.29			Negotiable
356150		19-FEB-15	ALL AMERICAN ASPHALT		54.25	24-FEB-15	54.25	Reconciled
356151		19-FEB-15	ALRASHIDI, ABDULLAH		159.56			Negotiable
356152		19-FEB-15	APCO GRAPHICS INC		125.51	24-FEB-15	125.51	Reconciled
356153		19-FEB-15	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA		32,258.35			Negotiable
356154		19-FEB-15	AT&T		48.21	25-FEB-15	48.21	Reconciled
356155		19-FEB-15	AT&T		5,524.83	25-FEB-15	5,524.83	Reconciled
356156		19-FEB-15	AVISTA TECHNOLOGIES, INC		7,621.74	23-FEB-15	7,621.74	Reconciled
356157		19-FEB-15	BATTERY SPECIALTIES		209.28			Negotiable
356158		19-FEB-15	BATTERY SYSTEMS INC		3,574.63	23-FEB-15	3,574.63	Reconciled
356159		19-FEB-15	BROAD, BEN		115.67	23-FEB-15	115.67	Reconciled
356160		19-FEB-15	BRUCE, ROGER		5.36			Negotiable
356161		19-FEB-15	BUSEFI, MUHAMMAD		94.47	25-FEB-15	94.47	Reconciled
356162		19-FEB-15	C WELLS PIPELINE MATERIALS INC		13,415.76			Negotiable
356163		19-FEB-15	CALIFORNIA BARRICADE INC		16,057.50			Negotiable
356164		19-FEB-15	CAMERON-COLE, LLC		922.51			Negotiable
356165		19-FEB-15	CAMPOS VERDES LLC.		9,352.68			Negotiable
356166		19-FEB-15	CANON SOLUTIONS AMERICA, INC.		4,730.94			Negotiable
356167		19-FEB-15	CANON SOLUTIONS AMERICA, INC.		2,474.96	23-FEB-15	2,474.96	Reconciled
356168		19-FEB-15	CARROUSEL PARTNERS, LLC		29.79	25-FEB-15	29.79	Reconciled
356169		19-FEB-15	CEDAR GLEN		5,001.94	24-FEB-15	5,001.94	Reconciled
356170		19-FEB-15	CEDOMIO, JULIO		202.75	23-FEB-15	202.75	Reconciled
356171		19-FEB-15	CHEM SERVICE INC.		132.40			Negotiable
356172		19-FEB-15	CHEN, IRGRID		44.52			Negotiable
356173		19-FEB-15	CITY OF IRVINE		1,115.98			Negotiable
356174		19-FEB-15	CITY OF LAKE FOREST		5,000.00			Negotiable
356175		19-FEB-15	CITY OF TUSTIN		242.36	23-FEB-15	242.36	Reconciled
356176		19-FEB-15	CLEARINGHOUSE		477.67	23-FEB-15	477.67	Reconciled
356177		19-FEB-15	CONEYBEARE INC		1,146.65	23-FEB-15	1,146.65	Reconciled
356178		19-FEB-15	COOK, MICHAEL		141.04			Negotiable
356179		19-FEB-15	COUNTY OF ORANGE		1,035.00	23-FEB-15	1,035.00	Reconciled
356180		19-FEB-15	COX COMMUNICATIONS		109.00	25-FEB-15	109.00	Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 19  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356181		19-FEB-15	CR & R INCORPORATED		86.20			Negotiable
356182		19-FEB-15	DBA FIRE SAFETY FIRST		708.37			Negotiable
356183		19-FEB-15	DEE JASPAR & ASSOCIATES, INC.		140.00	23-FEB-15	140.00	Reconciled
356184		19-FEB-15	DELL MARKETING LP		9,419.88	23-FEB-15	9,419.88	Reconciled
356185		19-FEB-15	DOOLEY, BRIAN		61.99			Negotiable
356186		19-FEB-15	DU, ISABELLE		36.92	24-FEB-15	36.92	Reconciled
356187		19-FEB-15	EAST ORANGE COUNTY WATER DISTRICT		13,544.21			Negotiable
356188		19-FEB-15	ELECTRABOND		1,910.00			Negotiable
356189		19-FEB-15	ENVIRONMENTAL SCIENCE ASSOCIATES		6,236.43			Negotiable
356190		19-FEB-15	EXECUTIVE LIGHTING & ELECTRIC		383.79	23-FEB-15	383.79	Reconciled
356191		19-FEB-15	FARRELL & ASSOCIATES		91.43			Negotiable

356192	19-FEB-15	FENG, WEI HAN	11.27					Negotiable
356193	19-FEB-15	FIDELITY SECURITY LIFE INSURANCE COMPANY	5,959.19					Negotiable
356194	19-FEB-15	FIRST AMERICAN TITLE CO.	1,000.00	24-FEB-15		1,000.00		Reconciled
356195	19-FEB-15	FIRST CHOICE SERVICES	246.55	24-FEB-15		246.55		Reconciled
356196	19-FEB-15	FISERV	15,848.46	25-FEB-15		15,848.46		Reconciled
356197	19-FEB-15	FISHER SCIENTIFIC COMPANY LLC	950.64	24-FEB-15		950.64		Reconciled
356198	19-FEB-15	FLEET SOLUTIONS LLC	4,341.20	23-FEB-15		4,341.20		Reconciled
356199	19-FEB-15	FOSTER, ROBERT	146.67					Negotiable
356200	19-FEB-15	FRANCHISE TAX BOARD	45.00	24-FEB-15		45.00		Reconciled
356201	19-FEB-15	FRASER, LISA	3.05					Negotiable
356202	19-FEB-15	GANAHL LUMBER CO.	68.13	25-FEB-15		68.13		Reconciled
356203	19-FEB-15	GOH, WANTING	46.02					Negotiable
356204	19-FEB-15	GOLDEN STATE LABOR COMPLIANCE LLC	4,601.25					Negotiable
356205	19-FEB-15	GONG, ZIHE	589.99					Negotiable
356206	19-FEB-15	GRAINGER	4,422.36					Negotiable
356207	19-FEB-15	GRAYBAR ELECTRIC COMPANY	604.14	23-FEB-15		604.14		Reconciled
356208	19-FEB-15	GUTHRIE ASSET MANAGEMENT	169.73	23-FEB-15		169.73		Reconciled

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 20  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356209		19-FEB-15	HAAKER EQUIPMENT COMPANY		1,010.37	23-FEB-15	1,010.37	Reconciled
356210		19-FEB-15	HARMSWORTH ASSOCIATES		4,795.00			Voided
356211		19-FEB-15	HARTFORD LIFE INSURANCE COMPANY		24,316.51			Voided
356212		19-FEB-15	HDR ENGINEERING INC		52,175.00			Voided
356213		19-FEB-15	HERITAGE FIELDS EL TORO, LLC		503,283.97			Voided
356214		19-FEB-15	HILL BROTHERS CHEMICAL COMPANY		9,305.70			Voided
356215		19-FEB-15	HOME DEPOT USA INC		805.50			Voided
356216		19-FEB-15	HOOLIHAN, MICHAEL		186.43			Voided
356217		19-FEB-15	HORIZON TECHNOLOGY INC		410.00			Voided
356218		19-FEB-15	IDEXX DISTRIBUTION, INC		9,225.76			Voided
356219		19-FEB-15	INDUSTRIAL METAL SUPPLY CO		27.88			Voided
356220		19-FEB-15	IRON MOUNTAIN INFORMATION MANAGEMENT INC		1,826.68			Voided
356221		19-FEB-15	IRVINE PIPE & SUPPLY INC		386.15			Voided
356222		19-FEB-15	IRWD EMPLOYEE ASSOCIATION		810.00			Voided
356223		19-FEB-15	IRWD-PETTY CASH CUSTODIAN		1,037.24			Voided
356224		19-FEB-15	JOHNSON, BEVERLY		381.47			Voided
356225		19-FEB-15	KAMISETTI, DIWAKAR		136.97			Voided
356226		19-FEB-15	KANTEX SUBSURFACE INC.		130,630.43			Voided
356227		19-FEB-15	KOELLER NEBEKER CARLSON & HALUCK, LLP		5,860.23			Voided
356228		19-FEB-15	KOLAHDOUZAN, HAMID		262.84			Voided
356229		19-FEB-15	KS DIRECT LLC		2,430.00			Voided
356230		19-FEB-15	LAM, TRACY		41.69			Voided
356231		19-FEB-15	LAMBERT GROVE, LLC		1,878.58			Voided
356232		19-FEB-15	LASET, DANIELLA		349.59			Voided
356233		19-FEB-15	LEE & RO, INC.		9,404.00			Voided
356234		19-FEB-15	LEE, JISOO		20.00			Voided
356235		19-FEB-15	LEONARD CHAIDEZ TREE SERVICE		1,805.00			Voided

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 21  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356236		19-FEB-15	LIAISON		2,551.50			Voided

356237	19-FEB-15	TECHNOLOGIES, INC. LIM, JONG-PHIL	15.44	Voiced
356238	19-FEB-15	LUBRICATION ENGINEERS, INC.	627.10	Voiced
356239	19-FEB-15	MAK, BENNY	36.74	Voiced
356240	19-FEB-15	MC MASTER CARR SUPPLY CO	193.45	Voiced
356241	19-FEB-15	MICHAEL A. BACA	4,687.50	Voiced
356242	19-FEB-15	MIYAOKA, JEFFREY	369.46	Voiced
356243	19-FEB-15	MOLLET, MARK	240.09	Voiced
356244	19-FEB-15	NEMIROVSKY, DAMIAN	29.40	Voiced
356245	19-FEB-15	OLIN CORPORATION	11,275.41	Voiced
356246	19-FEB-15	PACIFIC HYDROTECH CORPORATION	2,388.49	Voiced
356247	19-FEB-15	PAUL, DAVID W	75.68	Voiced
356248	19-FEB-15	PERS LONG TERM CARE	720.46	Voiced
356249	19-FEB-15	PETERSON, ERICA	180.63	Voiced
356250	19-FEB-15	PINNACLE TOWERS LLC	640.42	Voiced
356251	19-FEB-15	PIVOT INTERIORS INC	3,438.44	Voiced
356252	19-FEB-15	POLLARDWATER.COM	1,016.34	Voiced
356253	19-FEB-15	PR CONSTRUCTION	1,025.00	Voiced
356254	19-FEB-15	PRAXAIR DISTRIBUTION INC	202.88	Voiced
356255	19-FEB-15	PRO GROWERS INC	1,093.50	Voiced
356256	19-FEB-15	PSB INTEGRATED MARKETING	3,140.75	Voiced
356257	19-FEB-15	PTI SAND & GRAVEL INC	1,041.80	Voiced
356258	19-FEB-15	QUALITY ENVIRONMENTAL CONTAINERS	449.90	Voiced
356259	19-FEB-15	R & R INDUSTRIAL SERVICES, INC.	1,183.05	Voiced
356260	19-FEB-15	RABE, KENNETH	4,297.17	Voiced
356261	19-FEB-15	RAM AIR ENGINEERING INC	1,985.00	Voiced
356262	19-FEB-15	RAMIREZ, RICHARD	35.55	Voiced
356263	19-FEB-15	REACH EMPLOYEE ASSISTANCE INC	882.00	Voiced
356264	19-FEB-15	RENEAU, ROBERT	100.00	Voiced
356265	19-FEB-15	RESPONSE ENVELOPE, INC	3,112.83	Voiced

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 22  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356266		19-FEB-15	RINGCLEAR LLC		219.60			Voiced
356267		19-FEB-15	RNH LASSEN INC		51.10			Voiced
356268		19-FEB-15	ROCHESTER MIDLAND CORPORATION		656.28			Voiced
356269		19-FEB-15	ROYAL WHOLESALE ELECTRIC		81.49			Voiced
356270		19-FEB-15	ROYALTY CARPET MILLS		13,697.56			Voiced
356271		19-FEB-15	SAN REMO APTS		4.13			Voiced
356272		19-FEB-15	SANDERS, SHENEA		274.23			Voiced
356273		19-FEB-15	SANTA ANA BLUE PRINT		4,592.41			Voiced
356274		19-FEB-15	SCHAEFFER, JOHN		11.87			Voiced
356275		19-FEB-15	SECURTEC DISTRICT PATROL, INC.		10,600.00			Voiced
356276		19-FEB-15	SHAMROCK SUPPLY CO INC		280.42			Voiced
356277		19-FEB-15	SHERMAN, VISHWANATH		36.25			Voiced
356278		19-FEB-15	SIRIKI, DINESH		16.92			Voiced
356279		19-FEB-15	SOUTH COAST WATER CO.		151.68			Voiced
356280		19-FEB-15	SOUTH COAST WATER CO.		40.00			Voiced
356281		19-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY		588,561.82			Voiced
356282		19-FEB-15	SPARKLETTTS		353.34			Voiced
356283		19-FEB-15	SPOK, INC		19.24			Voiced
356284		19-FEB-15	STAR BRITE BUILDING MAINTENANCE INC		1,772.40			Voiced
356285		19-FEB-15	STICE COMPANY INC		2,358.86			Voiced
356286		19-FEB-15	STOUT, GIBRAN		29.70			Voiced
356287		19-FEB-15	STOUT, JIM		25.04			Voiced
356288		19-FEB-15	SYNAGRO-WWT, INC.		133,726.25			Voiced
356289		19-FEB-15	TEKDRUALICS		2,190.78			Voiced
356290		19-FEB-15	THAGARD, RAY G		1,952.62			Voiced
356291		19-FEB-15	THE GAS COMPANY		1,606.64			Voiced

356292	19-FEB-15	TIC-IPG-COMMON	4,509.10	Voiced
356293	19-FEB-15	TIC-IPG-LAND	2,435.95	Voiced
356294	19-FEB-15	TIZNADO, ROSA	29.37	Voiced
356295	19-FEB-15	TPC TRAINING SYSTEMS A DIVISION OF TELEMEDIA INC	193.44	Voiced

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 23  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356296		19-FEB-15	TROPICAL PLAZA NURSERY INC		34,491.03			Voiced
356297		19-FEB-15	TRUGREEN LANDCARE LLC		27,000.00			Voiced
356298		19-FEB-15	TUCKER, RICHARD		28.25			Voiced
356299		19-FEB-15	ULTIMATE DETAILING		350.00			Voiced
356300		19-FEB-15	UNITED PARCEL SERVICE INC		57.95			Voiced
356301		19-FEB-15	USA BLUEBOOK		181.40			Voiced
356302		19-FEB-15	VA CONSULTING, INC		5,967.50			Voiced
356303		19-FEB-15	VERIZON CALIFORNIA INC		49.28			Voiced
356304		19-FEB-15	WALTERS WHOLESALE ELECTRIC		16,182.65			Voiced
356305		19-FEB-15	WATERLINE TECHNOLOGIES INC		9,120.00			Voiced
356306		19-FEB-15	WATSON C.S.R., INC.		1,157.55			Voiced
356307		19-FEB-15	WAXIE'S ENTERPRISES, INC		1,385.32			Voiced
356308		19-FEB-15	WESTERN EXTERMINATOR COMPANY		8,086.50			Voiced
356309		19-FEB-15	WILLIAM LYON HOMES		65.25			Voiced
356310		19-FEB-15	WILLIAMS, KRISTIN		29.60			Voiced
356311		19-FEB-15	YFSB, LLC		93.22			Voiced
356312		19-FEB-15	YU, KOAN		28.30			Voiced
356313		19-FEB-15	ZADEH, VICTORIA		3.86			Voiced
356314		19-FEB-15	ZIMMERAN, JOANNE		170.26			Voiced
356315		19-FEB-15	HARMSWORTH ASSOCIATES		4,795.00	25-FEB-15	4,795.00	Reconciled
356316		19-FEB-15	HARTFORD LIFE INSURANCE COMPANY		24,316.51			Negotiable
356317		19-FEB-15	HDR ENGINEERING INC		52,175.00			Negotiable
356318		19-FEB-15	HERITAGE FIELDS EL TORO, LLC		503,283.97			Negotiable
356319		19-FEB-15	HILL BROTHERS CHEMICAL COMPANY		9,305.70	24-FEB-15	9,305.70	Reconciled
356320		19-FEB-15	HOME DEPOT USA INC		805.50			Negotiable
356321		19-FEB-15	HOOLIHAN, MICHAEL		186.43			Negotiable
356322		19-FEB-15	HORIZON TECHNOLOGY INC		410.00			Negotiable
356323		19-FEB-15	IDEXX DISTRIBUTION, INC		9,225.76	24-FEB-15	9,225.76	Reconciled

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 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356324		19-FEB-15	INDUSTRIAL METAL SUPPLY CO		27.88	24-FEB-15	27.88	Reconciled
356325		19-FEB-15	IRON MOUNTAIN INFORMATION MANAGEMENT INC		1,826.68	23-FEB-15	1,826.68	Reconciled
356326		19-FEB-15	IRVINE PIPE & SUPPLY INC		386.15	23-FEB-15	386.15	Reconciled
356327		19-FEB-15	IRWD EMPLOYEE ASSOCIATION		810.00	20-FEB-15	810.00	Reconciled
356328		19-FEB-15	IRWD-PETTY CASH CUSTODIAN		1,037.24	20-FEB-15	1,037.24	Reconciled
356329		19-FEB-15	JOHNSON, BEVERLY		381.47			Negotiable
356330		19-FEB-15	KAMISSETTI, DIWAKAR		136.97			Negotiable
356331		19-FEB-15	KANTEX SUBSURFACE INC.		130,630.43			Negotiable
356332		19-FEB-15	KOELLER NEBEKER CARLSON & HALUCK, LLP		5,860.23	24-FEB-15	5,860.23	Reconciled
356333		19-FEB-15	KOLAHDOUZAN, HAMID		262.84	24-FEB-15	262.84	Reconciled
356334		19-FEB-15	KS DIRECT LLC		2,430.00	23-FEB-15	2,430.00	Reconciled
356335		19-FEB-15	LAM, TRACY		41.69			Negotiable
356336		19-FEB-15	LAMBERT GROVE, LLC		1,878.58	24-FEB-15	1,878.58	Reconciled



356337	19-FEB-15	LASET, DANIELLA	349.59					Negotiable
356338	19-FEB-15	LEE & RO, INC.	9,404.00	23-FEB-15	9,404.00			Reconciled
356339	19-FEB-15	LEE, JISOO	20.00					Negotiable
356340	19-FEB-15	LEONARD CHAIDEZ TREE SERVICE	1,805.00	24-FEB-15	1,805.00			Reconciled
356341	19-FEB-15	LIAISON TECHNOLOGIES, INC.	2,551.50					Negotiable
356342	19-FEB-15	LIM, JONG-PHIL	15.44					Negotiable
356343	19-FEB-15	LUBRICATION ENGINEERS, INC.	627.10					Negotiable
356344	19-FEB-15	MAK, BENNY	36.74					Negotiable
356345	19-FEB-15	MC MASTER CARR SUPPLY CO	193.45					Negotiable
356346	19-FEB-15	MICHAEL A. BACA	4,687.50	25-FEB-15	4,687.50			Reconciled
356347	19-FEB-15	MIYAKA, JEFFREY	369.46					Negotiable
356348	19-FEB-15	MOLLET, MARK	240.09	24-FEB-15	240.09			Reconciled
356349	19-FEB-15	NEMIROVSKY, DAMIAN	29.40	25-FEB-15	29.40			Reconciled
356350	19-FEB-15	OLIN CORPORATION	11,275.41					Negotiable
356351	19-FEB-15	PACIFIC HYDROTECH CORPORATION	2,388.49	23-FEB-15	2,388.49			Reconciled
356352	19-FEB-15	PAUL, DAVID W	75.68	24-FEB-15	75.68			Reconciled
356353	19-FEB-15	PERS LONG TERM CARE	720.46	23-FEB-15	720.46			Reconciled
356354	19-FEB-15	PETERSON, ERICA	180.63	24-FEB-15	180.63			Reconciled

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 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356355		19-FEB-15	PINNACLE TOWERS LLC		640.42	25-FEB-15	640.42	Reconciled
356356		19-FEB-15	PIVOT INTERIORS INC		3,438.44	23-FEB-15	3,438.44	Reconciled
356357		19-FEB-15	POLLARDWATER.COM		1,016.34	25-FEB-15	1,016.34	Reconciled
356358		19-FEB-15	PR CONSTRUCTION		1,025.00	24-FEB-15	1,025.00	Reconciled
356359		19-FEB-15	PRAXAIR DISTRIBUTION INC		202.88	25-FEB-15	202.88	Reconciled
356360		19-FEB-15	PRO GROWERS INC		1,093.50	25-FEB-15	1,093.50	Reconciled
356361		19-FEB-15	PSB INTEGRATED MARKETING		3,140.75	23-FEB-15	3,140.75	Reconciled
356362		19-FEB-15	PTI SAND & GRAVEL INC		1,041.80	24-FEB-15	1,041.80	Reconciled
356363		19-FEB-15	QUALITY ENVIRONMENTAL CONTAINERS		449.90	25-FEB-15	449.90	Reconciled
356364		19-FEB-15	R & R INDUSTRIAL SERVICES, INC.		1,183.05	25-FEB-15	1,183.05	Reconciled
356365		19-FEB-15	RABE, KENNETH		4,297.17			Negotiable
356366		19-FEB-15	RAM AIR ENGINEERING INC		1,985.00	23-FEB-15	1,985.00	Reconciled
356367		19-FEB-15	RAMIREZ, RICHARD		35.55			Negotiable
356368		19-FEB-15	REACH EMPLOYEE ASSISTANCE INC		882.00			Negotiable
356369		19-FEB-15	RENEAU, ROBERT		100.00	23-FEB-15	100.00	Reconciled
356370		19-FEB-15	RESPONSE ENVELOPE, INC		3,112.83	25-FEB-15	3,112.83	Reconciled
356371		19-FEB-15	RINGCLEAR LLC		219.60	24-FEB-15	219.60	Reconciled
356372		19-FEB-15	RNH LASSEN INC		51.10			Negotiable
356373		19-FEB-15	ROCHESTER MIDLAND CORPORATION		656.28			Negotiable
356374		19-FEB-15	ROYAL WHOLESALE ELECTRIC		81.49	24-FEB-15	81.49	Reconciled
356375		19-FEB-15	ROYALTY CARPET MILLS		13,697.56	25-FEB-15	13,697.56	Reconciled
356376		19-FEB-15	SAN REMO APTS		4.13			Negotiable
356377		19-FEB-15	SANDERS, SHENEA		274.23			Negotiable
356378		19-FEB-15	SANTA ANA BLUE PRINT		4,592.41	25-FEB-15	4,592.41	Reconciled
356379		19-FEB-15	SCHAEFER, JOHN		11.87			Negotiable
356380		19-FEB-15	SECURTEC DISTRICT PATROL, INC.		10,600.00			Negotiable
356381		19-FEB-15	SHAMROCK SUPPLY CO INC		280.42	23-FEB-15	280.42	Reconciled
356382		19-FEB-15	SHERMAN, VISHWANATH		36.25	24-FEB-15	36.25	Reconciled

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 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356383		19-FEB-15	SIRIKI, DINESH		16.92	25-FEB-15	16.92	Reconciled
356384		19-FEB-15	SOUTH COAST WATER CO.		40.00			Negotiable

356385	19-FEB-15	SOUTH COAST WATER CO.	151.68				Negotiable
356386	19-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY	588,561.82	23-FEB-15	588,561.82		Reconciled
356387	19-FEB-15	SPARKLETTTS	353.34				Negotiable
356388	19-FEB-15	SPOK, INC	19.24				Negotiable
356389	19-FEB-15	STAR BRITE BUILDING MAINTENANCE INC	1,772.40	23-FEB-15	1,772.40		Reconciled
356390	19-FEB-15	STICE COMPANY INC	2,358.86				Negotiable
356391	19-FEB-15	STOUT, GIBRAN	29.70				Negotiable
356392	19-FEB-15	STOUT, JIM	25.04				Negotiable
356393	19-FEB-15	SYNAGRO-WWT, INC.	133,726.25				Negotiable
356394	19-FEB-15	TEKDRAULICS	2,190.78				Negotiable
356395	19-FEB-15	THAGARD, RAY G	1,952.62				Negotiable
356396	19-FEB-15	THE GAS COMPANY	1,606.64				Negotiable
356397	19-FEB-15	TIC-IPG-COMMON	4,509.10				Negotiable
356398	19-FEB-15	TIC-IPG-LAND	2,435.95				Negotiable
356399	19-FEB-15	TIZNADO, ROSA	29.37				Negotiable
356400	19-FEB-15	TPC TRAINING SYSTEMS A DIVISION OF TELEMEDIA INC	193.44	25-FEB-15	193.44		Reconciled
356401	19-FEB-15	TROPICAL PLAZA NURSERY INC	34,491.03				Negotiable
356402	19-FEB-15	TRUGREEN LANDCARE LLC	27,000.00	25-FEB-15	27,000.00		Reconciled
356403	19-FEB-15	TUCKER, RICHARD	28.25				Negotiable
356404	19-FEB-15	ULTIMATE DETAILING	350.00	24-FEB-15	350.00		Reconciled
356405	19-FEB-15	UNITED PARCEL SERVICE INC	57.95	24-FEB-15	57.95		Reconciled
356406	19-FEB-15	USA BLUEBOOK	181.40				Negotiable
356407	19-FEB-15	VA CONSULTING, INC	5,967.50	23-FEB-15	5,967.50		Reconciled
356408	19-FEB-15	VERIZON CALIFORNIA INC	49.28				Negotiable
356409	19-FEB-15	WALTERS WHOLESALE ELECTRIC	16,182.65	25-FEB-15	16,182.65		Reconciled
356410	19-FEB-15	WATERLINE TECHNOLOGIES INC	9,120.00	23-FEB-15	9,120.00		Reconciled
356411	19-FEB-15	WATSON C.S.R., INC.	1,157.55	24-FEB-15	1,157.55		Reconciled
356412	19-FEB-15	WAXIE'S ENTERPRISES, INC	1,385.32				Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356413		19-FEB-15	WEST COAST SAND & GRAVEL INC.		68,000.00			Negotiable
356414		19-FEB-15	WESTERN EXTERMINATOR COMPANY		8,086.50			Negotiable
356415		19-FEB-15	WILLIAM LYON HOMES		65.25			Negotiable
356416		19-FEB-15	WILLIAMS, KRISTIN		29.60			Negotiable
356417		19-FEB-15	YFSB, LLC		93.22			Negotiable
356418		19-FEB-15	YU, KOAN		28.30			Negotiable
356419		19-FEB-15	ZADEH, VICTORIA		3.86			Negotiable
356420		19-FEB-15	ZIMMERAN, JOANNE		170.26			Negotiable
356421		20-FEB-15	CUESTA CONSTRUCTION CO.	COSTA MESA	1,000.00			Negotiable
356422		20-FEB-15	JCI JONES CHEMICALS INC	CINCINNATI	3,186.57	25-FEB-15	3,186.57	Reconciled
356423		25-FEB-15	Compton, Christine A		72.17			Negotiable
356424		25-FEB-15	Hayden, David M (Dave)		64.79			Negotiable
356425		25-FEB-15	Garcia, Dorys Elizabeth		32.21			Negotiable
356426		25-FEB-15	Tran, Jason M (Jason)		156.00			Negotiable
356427		25-FEB-15	Silva, Jose A (Jose)		86.39			Negotiable
356428		25-FEB-15	Bonkowski, Leslie A (Leslie)		191.33			Negotiable
356429		25-FEB-15	Fehser, Noah (Noah)		80.00			Negotiable
356430		25-FEB-15	Van Deusen, Scott A (Scott)		235.00			Negotiable
356431		25-FEB-15	Bonkowski, Thomas J (Thomas)		28.87			Negotiable
356432		25-FEB-15	Roberts, Thomas (Tom)		360.00			Negotiable
356433		25-FEB-15	Tegel, Zackariah W (Zack)		480.00			Negotiable
356434		25-FEB-15	ADS LLC		1,991.00			Negotiable
356435		25-FEB-15	ADVANCED ELECTRONICS INC		2,577.81			Negotiable
356436		25-FEB-15	AFLAC		7,147.94			Negotiable

356437	25-FEB-15	AFLAC	341.46	Negotiable
356438	25-FEB-15	AIRGAS-WEST, INC.	198.78	Negotiable
356439	25-FEB-15	ALL AMERICAN SEWER TOOLS	997.76	Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356440		25-FEB-15	ALPHA TRAFFIC SERVICES, INC.		2,800.00			Negotiable
356441		25-FEB-15	AMERICAN CONSTRUCTION AND SUPPLY INC		335,523.00			Negotiable
356442		25-FEB-15	AMERICAN WATER WORKS ASSOC		9,568.00			Negotiable
356443		25-FEB-15	ANDERSONPENNA PARTNERS, INC		14,245.00			Negotiable
356444		25-FEB-15	ANTHONY N. LARSEN		400.00			Negotiable
356445		25-FEB-15	ANTHONY SUFFREDINI		1,600.00			Negotiable
356446		25-FEB-15	API FUND FOR PAYROLL EDUCATION, INC.		1,710.00			Negotiable
356447		25-FEB-15	APPLIED INDUSTRIAL TECHNOLOGIES - CA LLC		418.55			Negotiable
356448		25-FEB-15	ASSELIN, MARC		4,502.61			Negotiable
356449		25-FEB-15	AT&T		1,122.42			Negotiable
356450		25-FEB-15	ATHENS SERVICES		8,811.27			Negotiable
356451		25-FEB-15	AUTOZONE PARTS, INC.		731.36			Negotiable
356452		25-FEB-15	BANK OF NEW YORK MELLON TRUST COMPANY NA		1,425.00			Negotiable
356453		25-FEB-15	BEAMAN CONCRETE PUMPING		256.00			Negotiable
356454		25-FEB-15	BERKELEY COURT APTS		24.25			Negotiable
356455		25-FEB-15	Beeman, Beth M (Beth)		2,213.00			Negotiable
356456		25-FEB-15	BIOMAGIC INC		345.60			Negotiable
356457		25-FEB-15	BLACK BOX CORP OF PENNSYLVANIA		637.59			Negotiable
356458		25-FEB-15	BOOT WORLD, INC.		3,611.67			Negotiable
356459		25-FEB-15	BORCHARD SURVEYING & MAPPING, INC.		3,750.00			Negotiable
356460		25-FEB-15	C WELLS PIPELINE MATERIALS INC		8,906.01			Negotiable
356461		25-FEB-15	CALIFORNIA BARRICADE INC		1,435.00			Negotiable
356462		25-FEB-15	CALIFORNIA OCCUPATIONAL ASSOC		6,081.00			Negotiable
356463		25-FEB-15	CANON FINANCIAL SERVICES, INC		600.48			Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356464		25-FEB-15	CANON SOLUTIONS AMERICA, INC.		407.01			Negotiable
356465		25-FEB-15	CDW GOVERNMENT LLC		518.38			Negotiable
356466		25-FEB-15	CHANG, SHIHAO		36.79			Negotiable
356467		25-FEB-15	CHUN, JUYOUNG		34.65			Negotiable
356468		25-FEB-15	CITY CIRCUIT BREAKERS		486.00			Negotiable
356469		25-FEB-15	CITY OF NEWPORT BEACH		1,318.09			Negotiable
356470		25-FEB-15	CIVILSOURCE, INC.		29,596.00			Negotiable
356471		25-FEB-15	COAST PLUMBING HEATING AND AIR, INC		1,100.00			Negotiable
356472		25-FEB-15	COLONIAL LIFE & ACCIDENT INSURANCE CO.		1,220.44			Negotiable
356473		25-FEB-15	CONYBEARE INC		282.63			Negotiable
356474		25-FEB-15	CORELOGIC INC		42.00			Negotiable
356475		25-FEB-15	COX COMMUNICATIONS		243.28			Negotiable
356476		25-FEB-15	CREDENTIAL CHECK CORPORATION		134.40			Negotiable
356477		25-FEB-15	D & H WATER SYSTEMS INC.		18,082.00			Negotiable
356478		25-FEB-15	DATA CLEAN		826.25			Negotiable

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
356479		25-FEB-15	CORPORATION					
356480		25-FEB-15	DELL MARKETING LP		8,706.15			Negotiable
356481		25-FEB-15	DMS FACILITY SERVICES, INC.		14,847.08			Negotiable
356482		25-FEB-15	ELITE EQUIPMENT, INC.		459.00			Negotiable
356483		25-FEB-15	EMA INC		840.00			Negotiable
356484		25-FEB-15	EMERALD BAY, TRUST		127.13			Negotiable
356485		25-FEB-15	ENVIRONMENTAL RESOURCE ASSOCIATES		184.20			Negotiable
356486		25-FEB-15	ENVIRONMENTAL SCIENCE ASSOCIATES		9,859.12			Negotiable
356487		25-FEB-15	EXECUTIVE LIGHTING & ELECTRIC		486.00			Negotiable
356488		25-FEB-15	FEDEX		330.48			Negotiable
356489		25-FEB-15	FIRST CHOICE SERVICES		494.92			Negotiable
356490		25-FEB-15	FISERV		317.75			Negotiable
		25-FEB-15	FISHER SCIENTIFIC COMPANY LLC		1,501.39			Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356491		25-FEB-15	FLOW SCIENCE INCORPORATED		8,646.00			Negotiable
356492		25-FEB-15	GANAHL LUMBER CO.		6,217.48			Negotiable
356493		25-FEB-15	GEISLER, LINDSAY		700.00			Negotiable
356494		25-FEB-15	GOLDEN BELL PRODUCTS		31,730.00			Negotiable
356495		25-FEB-15	GRAINGER		3,061.22			Negotiable
356496		25-FEB-15	GRAYBAR ELECTRIC COMPANY		1,811.86			Negotiable
356497		25-FEB-15	HAAKER EQUIPMENT COMPANY		162.50			Negotiable
356498		25-FEB-15	HACH COMPANY		61,657.48			Negotiable
356499		25-FEB-15	HARMSWORTH ASSOCIATES		1,640.00			Negotiable
356500		25-FEB-15	HARTFORD LIFE AND ACCIDENT INSURANCE COMPANY		132.24			Negotiable
356501		25-FEB-15	HARTFORD LIFE INSURANCE COMPANY		24,338.61			Negotiable
356502		25-FEB-15	HELPMATES STAFFING SERVICES		448.20			Negotiable
356503		25-FEB-15	HERITAGE FIELDS EL TORO, LLC		387,672.61			Negotiable
356504		25-FEB-15	HILL BROTHERS CHEMICAL COMPANY		3,604.80			Negotiable
356505		25-FEB-15	HIROKO, TANUMA		851.89			Negotiable
356506		25-FEB-15	HOME DEPOT USA INC		328.75			Negotiable
356507		25-FEB-15	IDEXX DISTRIBUTION, INC		1,084.53			Negotiable
356508		25-FEB-15	II FUELS INC		9,942.13			Negotiable
356509		25-FEB-15	INDUSTRIAL METAL SUPPLY CO		192.59			Negotiable
356510		25-FEB-15	INDUSTRIAL SHOE CO		3,464.75			Negotiable
356511		25-FEB-15	INLAND POTABLE SERVICES, INC		14,660.91			Negotiable
356512		25-FEB-15	IRVINE PIPE & SUPPLY INC		1,346.35			Negotiable
356513		25-FEB-15	KENERSON, MARCY		735.91			Negotiable
356514		25-FEB-15	KENT & AMY DAHLBERG		23,991.00			Negotiable
356515		25-FEB-15	KIM, HEESEONG		23.08			Negotiable
356516		25-FEB-15	KIMBALL MIDWEST		423.38			Negotiable
356517		25-FEB-15	LCS TECHNOLOGIES, INC.		9,250.00			Negotiable
356518		25-FEB-15	LIAO, CHIA-WEI		37.75			Negotiable
356519		25-FEB-15	LIN, YI-JU		20.76			Negotiable

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 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356520		25-FEB-15	LOS OLIVOS APARTMENTS		6.03			Negotiable
356521		25-FEB-15	LU'S LIGHTHOUSE, INC.		1,121.78			Negotiable
356522		25-FEB-15	MAIN ELECTRIC SUPPLY COMPANY LLC		7,063.20			Negotiable

356523	25-FEB-15	MARVIN GARDENS LLC	2,593.70	Negotiable
356524	25-FEB-15	MBC APPLIED ENVIRONMENTAL SCIENCES	1,300.00	Negotiable
356525	25-FEB-15	MC MASTER CARR SUPPLY CO	974.94	Negotiable
356526	25-FEB-15	MCMURRAY STERN, INC.	22,767.40	Negotiable
356527	25-FEB-15	MECSOFT CORPORATION	400.00	Negotiable
356528	25-FEB-15	MOBILE MODULAR MANAGEMENT CORPORATION	972.00	Negotiable
356529	25-FEB-15	MSC INDUSTRIAL SUPPLY CO	446.77	Negotiable
356530	25-FEB-15	MUNICIPAL MAINTENANCE EQUIPMENT INC	9,560.83	Negotiable
356531	25-FEB-15	MUTUAL PROPANE	313.03	Negotiable
356532	25-FEB-15	NATIONAL READY MIXED CONCRETE CO.	1,374.40	Negotiable
356533	25-FEB-15	NAVIGANT CONSULTING, INC	70,190.53	Negotiable
356534	25-FEB-15	NMG GEOTECHNICAL INC	26,772.50	Negotiable
356535	25-FEB-15	NORTHERN SAFETY CO INC	824.31	Negotiable
356536	25-FEB-15	O'HAREN GOVERNMENT RELATIONS	6,500.00	Negotiable
356537	25-FEB-15	OLIN CORPORATION	8,216.87	Negotiable
356538	25-FEB-15	OLSON HAGEL FISHBURN, LLP	537.50	Negotiable
356539	25-FEB-15	ONESOURCE DISTRIBUTORS LLC	1,665.17	Negotiable
356540	25-FEB-15	ORANGE COUNTY AUTO PARTS CO	1,057.32	Negotiable
356541	25-FEB-15	ORANGE COUNTY LAFCO	1,000.00	Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 32  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356542		25-FEB-15	ORANGE COUNTY SANITATION DISTRICT		318,879.71			Negotiable
356543		25-FEB-15	PACIFIC HYDROTECH CORPORATION		388,096.47			Negotiable
356544		25-FEB-15	PACIFIC HYDROTECH CORPORATION		20,426.13			Negotiable
356545		25-FEB-15	PACIFIC PARTS & CONTROLS INC		206.85			Negotiable
356546		25-FEB-15	PACIFIC RESOURCE RECOVERY		1,420.60			Negotiable
356547		25-FEB-15	PACIFIC SURVEYS, LLC		5,665.50			Negotiable
356548		25-FEB-15	PARKHOUSE TIRE INC		3,227.59			Negotiable
356549		25-FEB-15	PAYNE & FEARS LLP		884.00			Negotiable
356550		25-FEB-15	PENTAIR VALVES & CONTROLS US LP		1,457.42			Negotiable
356551		25-FEB-15	PHILLIPS PLYWOOD CO, INC.		1,622.33			Negotiable
356552		25-FEB-15	PIVOT INTERIORS INC		2,901.80			Negotiable
356553		25-FEB-15	PONTON INDUSTRIES INC		4,921.27			Negotiable
356554		25-FEB-15	PRE-PAID LEGAL SERVICES INC		1,503.72			Negotiable
356555		25-FEB-15	PRIME CONTROLS COMPANY INC		3,086.75			Negotiable
356556		25-FEB-15	RAININ INSTRUMENT, LLC		1,107.00			Negotiable
356557		25-FEB-15	RBF CONSULTING		24,217.36			Negotiable
356558		25-FEB-15	RED WING SHOES		12,543.28			Negotiable
356559		25-FEB-15	RINCON TRUCK CENTER INC.		1,920.50			Negotiable
356560		25-FEB-15	ROCKWELL SOLUTIONS INC.		6,239.51			Negotiable
356561		25-FEB-15	SAN MARINO APTS		3.09			Negotiable
356562		25-FEB-15	SANTA ANA BLUE PRINT		165.18			Negotiable
356563		25-FEB-15	SANTA MARGARITA FORD		309.12			Negotiable
356564		25-FEB-15	SANTA MARGARITA WATER DISTRICT		30,891.69			Negotiable
356565		25-FEB-15	SANTIAGO AQUEDUCT COMMISSION		22,732.00			Negotiable
356566		25-FEB-15	SCHINDLER ELEVATOR CORPORATION		1,277.00			Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 33  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356567		25-FEB-15	SCHULER ENGINEERING CORPORATION		5,208.22			Negotiable
356568		25-FEB-15	SCHULER ENGINEERING CORPORATION		98,956.01			Negotiable
356569		25-FEB-15	SHAMROCK SUPPLY CO INC		542.84			Negotiable
356570		25-FEB-15	SHERWIN WILLIAMS COMPANY		1,282.48			Negotiable
356571		25-FEB-15	SIGMA-ALDRICH INC		1,258.14			Negotiable
356572		25-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY		143,400.44			Negotiable
356573		25-FEB-15	SOUTHERN CALIFORNIA SECURITY CENTER, INC.		2,175.59			Negotiable
356574		25-FEB-15	SOUTHERN COUNTIES LUBRICANTS LLC		1,342.61			Negotiable
356575		25-FEB-15	SS MECHANICAL CORPORATION		878.60			Negotiable
356576		25-FEB-15	SS MECHANICAL CORPORATION		16,693.40			Negotiable
356577		25-FEB-15	STERIS CORPORATION		2,385.00			Negotiable
356578		25-FEB-15	SULLY-MILLER CONTRACTING CO.		103,185.20			Negotiable
356579		25-FEB-15	TAIT ENVIRONMENTAL SERVICES INC		3,045.00			Negotiable
356580		25-FEB-15	TALLEY INC		445.65			Negotiable
356581		25-FEB-15	TESTAMERICA LABORATORIES, INC		192.15			Negotiable
356582		25-FEB-15	TETRA TECH, INC		45,348.25			Negotiable
356583		25-FEB-15	THE GAS COMPANY		2,063.39			Negotiable
356584		25-FEB-15	THE IRVINE COMPANY LLC		1,495.00			Negotiable
356585		25-FEB-15	TIC-IPG-COMMON		311.03			Negotiable
356586		25-FEB-15	TIC-OFFICE PROPERTIES		147.36			Negotiable
356587		25-FEB-15	TIC-SPECTRUM OFFICE		2,132.87			Negotiable
356588		25-FEB-15	TOLL BROTHERS INC		84.07			Negotiable
356589		25-FEB-15	TRANSCAT, INC		624.23			Negotiable
356590		25-FEB-15	TRENCH SHORING COMPANY		142.38			Negotiable
356591		25-FEB-15	TRICOR DIRECT INC		129.40			Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 34  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356592		25-FEB-15	TRIPAC MARKETING INC		1,054.77			Negotiable
356593		25-FEB-15	TROPICAL PLAZA NURSERY INC		90.00			Negotiable
356594		25-FEB-15	TRUCPARCO		3,514.51			Negotiable
356595		25-FEB-15	TRUGREEN LANDCARE		3,680.00			Negotiable
356596		25-FEB-15	TYCO INTEGRATED SECURITY, LLC		816.68			Negotiable
356597		25-FEB-15	UNITED PARCEL SERVICE INC		65.26			Negotiable
356598		25-FEB-15	US BANK NAT'L ASSOC N.DAKOTA		1,800.00			Negotiable
356599		25-FEB-15	VALLEYCREST LANDSCAPE DEVELOPMENT, INC.		65,377.08			Negotiable
356600		25-FEB-15	VALLEYCREST LANDSCAPE DEVELOPMENT, INC.		3,440.90			Negotiable
356601		25-FEB-15	VERIZON CALIFORNIA INC		493.23			Negotiable
356602		25-FEB-15	VERTECH INDUSTRIAL SYSTEMS, LLC		28,288.64			Negotiable
356603		25-FEB-15	VISION QUEST INDUSTRIES		611.92			Negotiable
356604		25-FEB-15	WALTERS WHOLESALE ELECTRIC		4,828.37			Negotiable
356605		25-FEB-15	WANG, BO		24.44			Negotiable

356606	25-FEB-15	WATERSMART SOFTWARE, INC	7,500.00	Negotiable
356607	25-FEB-15	WAXIE'S ENTERPRISES, INC	245.74	Negotiable
356608	25-FEB-15	WECK LABORATORIES INC	599.50	Negotiable
356609	25-FEB-15	WILMINGTON INSTRUMENT COMPANY INC	4,716.81	Negotiable
356610	25-FEB-15	WONG, SUNNY	163.18	Negotiable
356611	25-FEB-15	WOZNY, NICOLE	232.07	Negotiable
356612	25-FEB-15	YEH, JULIE	14.30	Negotiable
356613	25-FEB-15	YORKE ENGINEERING LLC	2,320.75	Negotiable
356614	25-FEB-15	YSI INCORPORATED	125.83	Negotiable
356615	25-FEB-15	HILLEBRECHT, WARREN K	336.53	Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 35  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
356616		26-FEB-15	SOUTHERN CALIFORNIA EDISON COMPANY	IRVINE	5,236.46			Negotiable
356617		26-FEB-15	COLLEN, LINDSAY	PAY	25.92			Negotiable
356618		26-FEB-15	LI, SHANNON	PAY	16.38			Negotiable
356619		26-FEB-15	LIN, STACY	LAKE FOREST	46.03			Negotiable
Payment Document Subtotal:					10,264,651.31		4,243,963.64	

Payment Document : IRWD Wire

10831		06-FEB-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	3,388.76			Negotiable
10832		06-FEB-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	385.21			Negotiable
10833		06-FEB-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	2,468.22			Negotiable
10834		06-FEB-15	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	229.53			Negotiable
10835		06-FEB-15	U.S. BANK NATIONAL ASSOCIATION	PAY	573.20			Negotiable
10836		06-FEB-15	BANK OF AMERICA	SAN FRANCISCO	573.20			Negotiable
10837		06-FEB-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	176,110.00			Negotiable
10838		06-FEB-15	INTERNAL REVENUE SERVICE	FRESNO	156,298.48			Negotiable
10839		06-FEB-15	FRANCHISE TAX BOARD	SACRAMENTO	41,625.36			Negotiable
10840		06-FEB-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,120.32			Negotiable
10841		06-FEB-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17			Negotiable
10842		06-FEB-15	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	2,153.53			Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 36  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
10843		06-FEB-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	10,642.00			Negotiable
10844		06-FEB-15	GREAT WEST	DENVER	99,473.54			Negotiable
10845		09-FEB-15	CALPERS	SACRAMENTO	363,804.26			Negotiable
10846		10-FEB-15	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	665.75			Negotiable
10847		10-FEB-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	306.60			Negotiable

10848	10-FEB-15	CITIGROUP GLOBAL MARKETS INC.	NEW YORK	3,359,961.49	Negotiable
10849	10-FEB-15	MERRILL LYNCH CAPITAL SERVICES, INC	CHARLOTTE	170,000.00	Negotiable
10850	11-FEB-15	CALPERS	SACRAMENTO 1	15,960.00	Negotiable
10851	11-FEB-15	CALPERS	SACRAMENTO 1	2,280.00	Negotiable
10852	12-FEB-15	CALPERS	SACRAMENTO	85,240.78	Negotiable
10853	17-FEB-15	ELAHI, AHMAD	NEWPORT BEACH	8.07	Negotiable
10854	23-FEB-15	MUNICIPAL WATER DISTRICT OF ORANGEVALLEY COUNTY	FOUNTAIN	564,214.13	Negotiable
10855	23-FEB-15	INTERNAL REVENUE SERVICE	FRESNO	159,409.91	Negotiable
10856	23-FEB-15	FRANCHISE TAX BOARD	SACRAMENTO	42,429.94	Negotiable
10857	23-FEB-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,295.35	Negotiable
10858	23-FEB-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17	Negotiable
10859	23-FEB-15	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	2,153.53	Negotiable
10860	23-FEB-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	10,791.42	Negotiable
10861	23-FEB-15	GREAT WEST	DENVER	99,942.54	Negotiable
10862	23-FEB-15	CALPERS	SACRAMENTO	86,250.37	Negotiable
10863	23-FEB-15	U.S. BANK NATIONAL ASSOCIATION	ST. LOUIS	8,485.07	Negotiable

IRWD Ledger Payment Register For 01-FEB-15 To 28-FEB-15 Report Date: 02-MAR-2015 15:32  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 37  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
10864		23-FEB-15	GOLDMAN, SACHS & CO	PAY	68,250.00			Negotiable
10865		23-FEB-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	1,346.30			Negotiable
10866		24-FEB-15	MORGAN STANLEY & CO LLC	SAN FRANCISCO	45,500.00			Negotiable
10867		25-FEB-15	PCL CONSTRUCTION, INC.	ACCT 6971821722	1,565,663.40			Negotiable
10868		25-FEB-15	PCL CONSTRUCTION, INC.	ESR 141511.1	173,962.00			Negotiable
10869		25-FEB-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	3,506.69			Negotiable
10870		25-FEB-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	5,976.24			Negotiable
10871		25-FEB-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	1,974.85			Negotiable
10872		25-FEB-15	FILANC-BALFOUR BEATTY JV	ACT 4427724347	2,587,375.00			Negotiable
10873		25-FEB-15	FILANC-BALFOUR BEATTY JV	ESR 211084000	251,559.20			Negotiable
10874		26-FEB-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	7,503,950.00			Negotiable

Payment Document Subtotal: 17,696,304.58

Bank Account Subtotal : 27,960,955.89 4,243,963.64

Report Count : 997 Report Total: 27,960,955.89 4,243,963.64  
 Total Disbursement

\*\*\* End of Report \*\*\*



IRWD Ledger

Void Payment Register

Report Date: 02-MAR-2015 15:33

Include Zero Amount Payments: Yes  
Display Payee Address: No

Period From: 01-FEB-15

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To: 28-FEB-15  
Date: Void Date

Bank: Bank of America N.A.

Branch: Los Angeles

Account: Checking AP and PR

Bank Account Currency: USD

Payment Currency: USD ( US Dollar )

Payment Number	Date	Payee Name	Site	Address	Payment Amount	Void Date
Payment Document: IRWD CHECK						
351712	04-SEP-14	KANG, GILSOON	PAY		39.17	11-FEB-15
351898	11-SEP-14	THE NEW HOME COMPANY	ALISO VIEJO 1		391.00	26-FEB-15
352261	29-SEP-14	WATTS, GERARD	PAY		8.27	11-FEB-15
352269	29-SEP-14	DAVIS, KRISTEL S	PAY		74.24	11-FEB-15
352276	29-SEP-14	LIOU, SHWU-FEN	PAY		24.56	11-FEB-15
352325	30-SEP-14	CHEN, JASON	PAY		55.98	11-FEB-15
352534	09-OCT-14	BRAVO, OMAR	PAY		58.36	11-FEB-15
352557	09-OCT-14	DANDENBERG, DILLON	PAY		66.64	11-FEB-15
352690	09-OCT-14	THE CAPITAL GROUP COMPANIES	PAY		3,875.09	26-FEB-15
352943	23-OCT-14	DIMAANO, CAROL	PAY		20.74	11-FEB-15
352965	23-OCT-14	GIFFORD, KELLY	PAY		50.00	11-FEB-15
352966	23-OCT-14	GILLESPIE, DONNA	PAY		22.23	11-FEB-15
353070	23-OCT-14	THE NEW HOME COMPANY	PAY		17.00	11-FEB-15
354834	23-DEC-14	ZUCKER, RICHARD	PAY		6,848.72	11-FEB-15
355739	05-FEB-15	MAHYAR MOUFARA	PURCHASE		494.56	06-FEB-15
356210	19-FEB-15	HARMSWORTH ASSOCIATES	DOVE CANYON		4,795.00	19-FEB-15
356211	19-FEB-15	HARTFORD LIFE INSURANCE COM	PO BOX 8500-369		24,316.51	19-FEB-15
356212	19-FEB-15	HDR ENGINEERING INC	OMAHA		52,175.00	19-FEB-15
356213	19-FEB-15	HERITAGE FIELDS EL TORO, LL	ALISO VIEJO		503,283.97	19-FEB-15
356214	19-FEB-15	HILL BROTHERS CHEMICAL COMP	ORANGE		9,305.70	19-FEB-15
356215	19-FEB-15	HOME DEPOT USA INC	COLUMBUS		805.50	19-FEB-15
356216	19-FEB-15	HOOIHAN, MICHAEL	PAY		186.43	19-FEB-15
356217	19-FEB-15	HORIZON TECHNOLOGY INC	SALEM		410.00	19-FEB-15
356218	19-FEB-15	IDEXX DISTRIBUTION, INC	PAY		9,225.76	19-FEB-15
356219	19-FEB-15	INDUSTRIAL METAL SUPPLY CO	PAY		27.88	19-FEB-15
356220	19-FEB-15	IRON MOUNTAIN INFORMATION M	PASADENA		1,826.68	19-FEB-15
356221	19-FEB-15	IRVINE PIPE & SUPPLY INC	SANTA ANA		386.15	19-FEB-15
356222	19-FEB-15	IRWD EMPLOYEE ASSOCIATION	15600 SC		810.00	19-FEB-15
356223	19-FEB-15	IRWD-PETTY CASH CUSTODIAN	IRVINE		1,037.24	19-FEB-15
356224	19-FEB-15	JOHNSON, BEVERLY	PAY		381.47	19-FEB-15
356225	19-FEB-15	KAMISSETTI, DIWAKAR	PAY		136.97	19-FEB-15
356226	19-FEB-15	KANTEX SUBSURFACE INC.	PURCHASE		130,630.43	19-FEB-15
356227	19-FEB-15	KOELLER NEBEKER CARLSON & H	IRVINE		5,860.23	19-FEB-15
356228	19-FEB-15	KOLAHDOUZAN, HAMID	PAY		262.84	19-FEB-15
356229	19-FEB-15	KS DIRECT LLC	SANTA ANA		2,430.00	19-FEB-15
356230	19-FEB-15	LAM, TRACY	IRVINE		41.69	19-FEB-15
356231	19-FEB-15	LAMBERT GROVE, LLC	PAY		1,878.58	19-FEB-15
356232	19-FEB-15	LASET, DANIELLA	PAY		349.59	19-FEB-15

IRWD Ledger

Void Payment Register

Report Date: 02-MAR-2015 15:33

Include Zero Amount Payments: Yes  
Display Payee Address: No

Period From: 01-FEB-15

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To: 28-FEB-15  
Date: Void Date

Bank: Bank of America N.A.

Branch: Los Angeles

Account: Checking AP and PR

Bank Account Currency: USD

Payment Currency: USD ( US Dollar )

Payment Number	Date	Payee Name	Site	Address	Payment Amount	Void Date
Payment Document: IRWD CHECK						
356233	19-FEB-15	LEE & RO, INC.	PAY		9,404.00	19-FEB-15
356234	19-FEB-15	LEE, JISOO	PAY		20.00	19-FEB-15
356235	19-FEB-15	LEONARD CHAIDEZ TREE SERVIC	ANAHEIM		1,805.00	19-FEB-15
356236	19-FEB-15	LIAISON TECHNOLOGIES, INC.	ATLANTA		2,551.50	19-FEB-15
356237	19-FEB-15	LIM, JONG-PHIL	PAY		15.44	19-FEB-15
356238	19-FEB-15	LUBRICATION ENGINEERS, INC.	PAY		627.10	19-FEB-15
356239	19-FEB-15	MAK, BENNY	PAY		36.74	19-FEB-15
356240	19-FEB-15	MC MASTER CARR SUPPLY CO	PAY		193.45	19-FEB-15
356241	19-FEB-15	MICHAEL A. BACA	LA VERNE		4,687.50	19-FEB-15
356242	19-FEB-15	MIYAOKA, JEFFREY	PAY		369.46	19-FEB-15
356243	19-FEB-15	MOLLET, MARK	PAY		240.09	19-FEB-15
356244	19-FEB-15	NEMIROVSKY, DAMIAN	IRVINE		29.40	19-FEB-15
356245	19-FEB-15	OLIN CORPORATION	ATLANTA		11,275.41	19-FEB-15
356246	19-FEB-15	PACIFIC HYDROTECH CORPORATI	PAY		2,388.49	19-FEB-15
356247	19-FEB-15	PAUL, DAVID W	PAY		75.68	19-FEB-15
356248	19-FEB-15	PERS LONG TERM CARE	PASADENA		720.46	19-FEB-15
356249	19-FEB-15	PETERSON, ERICA	PAY		180.63	19-FEB-15
356250	19-FEB-15	PINNACLE TOWERS LLC	ATLANTA		640.42	19-FEB-15
356251	19-FEB-15	PIVOT INTERIORS INC	LA MIRADA		3,438.44	19-FEB-15
356252	19-FEB-15	POLLARDWATER.COM	BOSTON		1,016.34	19-FEB-15
356253	19-FEB-15	PR CONSTRUCTION	PAY		1,025.00	19-FEB-15
356254	19-FEB-15	PRAXAIR DISTRIBUTION INC	PAY		202.88	19-FEB-15
356255	19-FEB-15	PRO GROWERS INC	LOS ANGELES		1,093.50	19-FEB-15
356256	19-FEB-15	PSB INTEGRATED MARKETING	LAKE FOREST		3,140.75	19-FEB-15
356257	19-FEB-15	PTI SAND & GRAVEL INC	CORONA		1,041.80	19-FEB-15
356258	19-FEB-15	QUALITY ENVIRONMENTAL CONTA	PAY		449.90	19-FEB-15
356259	19-FEB-15	R & R INDUSTRIAL SERVICES,	SAN BERNARDINO		1,183.05	19-FEB-15

356260	19-FEB-15	RABE, KENNETH	PAY		4,297.17	19-FEB-15
356261	19-FEB-15	RAM AIR ENGINEERING INC	LAKE FOREST		1,985.00	19-FEB-15
356262	19-FEB-15	RAMIREZ, RICHARD	PAY		35.55	19-FEB-15
356263	19-FEB-15	REACH EMPLOYEE ASSISTANCE I	PLACENTIA		882.00	19-FEB-15
356264	19-FEB-15	RENEAU, ROBERT	PAY		100.00	19-FEB-15
356265	19-FEB-15	RESPONSE ENVELOPE, INC	LOS ANGELES		3,112.83	19-FEB-15
356266	19-FEB-15	RINGCLEAR LLC	SPRINGFIELD		219.60	19-FEB-15
356267	19-FEB-15	RNH LASSEN INC	BIG BEAR LAKE		51.10	19-FEB-15
356268	19-FEB-15	ROCHESTER MIDLAND CORPORATI	ROCHESTER		656.28	19-FEB-15
356269	19-FEB-15	ROYAL WHOLESALE ELECTRIC	ORANGE		81.49	19-FEB-15
356270	19-FEB-15	ROYALTY CARPET MILLS	PAY		13,697.56	19-FEB-15

IRWD Ledger

Report Date: 02-MAR-2015 15:33

Void Payment Register

Page: 3

Include Zero Amount Payments: Yes  
Display Payee Address: No

Period From: 01-FEB-15

To: 28-FEB-15

Date: Void Date

Bank: Bank of America N.A.

Branch: Los Angeles

Account: Checking AP and PR

Bank Account Currency: USD

Payment Currency: USD ( US Dollar )

Payment Number	Date	Payee Name	Site	Address	Payment Amount	Void Date
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Payment Document: IRWD CHECK

356271	19-FEB-15	SAN REMO APTS	PAY		4.13	19-FEB-15
356272	19-FEB-15	SANDERS, SHENEA	PAY		274.23	19-FEB-15
356273	19-FEB-15	SANTA ANA BLUE PRINT	IRVINE		4,592.41	19-FEB-15
356274	19-FEB-15	SCHAEFER, JOHN	PAY		11.87	19-FEB-15
356275	19-FEB-15	SECURETEC DISTRICT PATROL, I	PAY		10,600.00	19-FEB-15
356276	19-FEB-15	SHAMROCK SUPPLY CO INC	ANAHEIM		280.42	19-FEB-15
356277	19-FEB-15	SHERMAN, VISHWANATH	PAY		36.25	19-FEB-15
356278	19-FEB-15	SIRIKI, DINESH	PAY		16.92	19-FEB-15
356279	19-FEB-15	SOUTH COAST WATER CO.	PAY		151.68	19-FEB-15
356280	19-FEB-15	SOUTH COAST WATER CO.	SANTA ANA		40.00	19-FEB-15
356281	19-FEB-15	SOUTHERN CALIFORNIA EDISON	ROSEMEAD		588,561.82	19-FEB-15
356282	19-FEB-15	SPARKLETTS	PAY		353.34	19-FEB-15
356283	19-FEB-15	SPOK, INC	DALLAS 1		19.24	19-FEB-15
356284	19-FEB-15	STAR BRITE BUILDING MAINTEN	PURCHASE		1,772.40	19-FEB-15
356285	19-FEB-15	STICE COMPANY INC	PAY		2,358.86	19-FEB-15
356286	19-FEB-15	STOUT, GIBBRAN	PAY		29.70	19-FEB-15
356287	19-FEB-15	STOUT, JIM	LAKE FOREST		25.04	19-FEB-15
356288	19-FEB-15	SYNAGRO-WWT, INC.	BALTIMORE		133,726.25	19-FEB-15
356289	19-FEB-15	TEKDRAULICS	SAN CLEMENTE		2,190.78	19-FEB-15
356290	19-FEB-15	THAGARD, RAY G	PAY		1,952.62	19-FEB-15
356291	19-FEB-15	THE GAS COMPANY	MONTEREY PARK 1		1,606.64	19-FEB-15
356292	19-FEB-15	TIC-IPG-COMMON	PAY		4,509.10	19-FEB-15
356293	19-FEB-15	TIC-IPG-LAND	PAY		2,435.95	19-FEB-15
356294	19-FEB-15	TIZNADO, ROSA	TUSTIN		29.37	19-FEB-15
356295	19-FEB-15	TPC TRAINING SYSTEMS A DIVI	BUFFALO GROVE		193.44	19-FEB-15
356296	19-FEB-15	TROPICAL PLAZA NURSERY INC	PAY		34,491.03	19-FEB-15
356297	19-FEB-15	TRUGREEN LANDCARE LLC	SAN FRANCISCO		27,000.00	19-FEB-15
356298	19-FEB-15	TUCKER, RICHARD	PAY		28.25	19-FEB-15
356299	19-FEB-15	ULTIMATE DETAILING	PURCHASE		350.00	19-FEB-15
356300	19-FEB-15	UNITED PARCEL SERVICE INC	LOS ANGELES		57.95	19-FEB-15
356301	19-FEB-15	USA BLUEBOOK	PAY		181.40	19-FEB-15
356302	19-FEB-15	VA CONSULTING, INC	IRVINE		5,967.50	19-FEB-15
356303	19-FEB-15	VERIZON CALIFORNIA INC	PAY		49.28	19-FEB-15
356304	19-FEB-15	WALTERS WHOLESALE ELECTRIC	LONG BEACH		16,182.65	19-FEB-15
356305	19-FEB-15	WATERLINE TECHNOLOGIES INC	SANTA ANA		9,120.00	19-FEB-15
356306	19-FEB-15	WATSON C.S.R., INC.	PURCHASE		1,157.55	19-FEB-15
356307	19-FEB-15	WAXIE'S ENTERPRISES, INC	LOS ANGELES		1,385.32	19-FEB-15
356308	19-FEB-15	WESTERN EXTERMINATOR COMPAN	SANTA ANA		8,086.50	19-FEB-15

IRWD Ledger

Report Date: 02-MAR-2015 15:33

Void Payment Register

Page: 4

Include Zero Amount Payments: Yes  
Display Payee Address: No

Period From: 01-FEB-15

To: 28-FEB-15

Date: Void Date

Bank: Bank of America N.A.

Branch: Los Angeles

Account: Checking AP and PR

Bank Account Currency: USD

Payment Currency: USD ( US Dollar )

Payment Number	Date	Payee Name	Site	Address	Payment Amount	Void Date
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Payment Document: IRWD CHECK

356309	19-FEB-15	WILLIAM LYON HOMES	PAY		65.25	19-FEB-15
356310	19-FEB-15	WILLIAMS, KRISTIN	PAY		29.60	19-FEB-15
356311	19-FEB-15	YFSB, LLC	PAY		93.22	19-FEB-15
356312	19-FEB-15	YU, KOAN	PAY		28.30	19-FEB-15
356313	19-FEB-15	ZADEH, VICTORIA	PAY		3.86	19-FEB-15
356314	19-FEB-15	ZIMMERAN, JOANNE	PAY		170.26	19-FEB-15

Payment Document Subtotal 1,695,801.57

Bank Account Subtotal 1,695,801.57

Report Count: 120

Report Total 1,695,801.57  
Total Voids

\*\*\* End of Report \*\*\*

\$ 27,960,955.89	Total Disbursements
<1,695,801.57>	Total Voids
<hr/>	
\$ 26,265,154.32	Total Disbursements and Voids

## Exhibit "E"

### IRWD Gov Code 53065.5 Disclosure Report

Payment or Reimbursements for Individual charges of \$100 or more per transaction for services or product received.  
01-FEB-15 to 28-FEB-15

NAME	CHECK NO.	CHECK DATE	TRANSACTION	ITEM DESCRIPTION	EXPENSE JUSTIFICATION
Alberts, Dale	355826	12-Feb-15	165.00	Membership/Certification	OC Health Division Backflow Tester Certificate renewal fee
Bonkowski, Leslie	356428	25-Feb-15	191.33	Other(Misc)	Meeting supplies
Daniel, Matthew	355833	12-Feb-15	100.00	Membership/Certification	CA Dept of Pub Health Grade III Water Treatment Operator exam fee
Garza, Gaspar	355829	12-Feb-15	138.43	Other(Misc)	IEUA Biosolids Tour Luncheon
Guzman, Juan	355832	12-Feb-15	200.00	Other(Misc)	Safety shoes allowance
Hayden, Dave	355828	12-Feb-15	156.00	Membership/Certification	CWEA Membership renewal fee
Lao, Richard	355837	12-Feb-15	125.00	Membership/Certification	Air & Waste Management Association and CWEA Membership
Lao, Richard	355837	12-Feb-15	245.26	Lodging	CalCUPA 17th Annual Training Conf., San Diego, CA Feb. 2, 2015
Lao, Richard	355837	12-Feb-15	245.26	Lodging	CalCUPA 17th Annual Training Conf., San Diego, CA Feb. 3, 2015
Lao, Richard	355837	12-Feb-15	245.26	Lodging	CalCUPA 17th Annual Training Conf., San Diego, CA Feb. 4, 2015
Oldewage, Lars	356142	19-Feb-15	162.20	Airfare	From Orange County to Sacramento, CA attending ACWA Headquarters meeting, Feb. 17, 2015
Oldewage, Lars	356142	19-Feb-15	179.00	Airfare	From Sacramento to Orange County, attending ACWA Headquarters meeting, Feb. 17, 2015
Perez, Martin	355740	5-Feb-15	156.00	Membership/Certification	CWEA Membership renewal fee
Perez, Rudy	355774	5-Feb-15	156.00	Membership/Certification	CWEA Membership renewal fee
Perez, Rudy	355839	12-Feb-15	168.00	Membership/Certification	Certificate renewal fees for CWEA Environmental Compliance Inspector and SWRCB Distribution
Perez, Rudy	355839	12-Feb-15	150.00	Membership/Certification	Certificate renewal of Distribution Operator
Pham, Amie	355824	12-Feb-15	120.00	Other(Misc)	Safety shoes allowance
Reynoso, Pio	355836	12-Feb-15	156.00	Membership/Certification	CWEA Membership & Collection System Maintenance Grade III renewal fees
Reynoso, Pio	355836	12-Feb-15	440.00	Membership/Certification	Sate Water Resources Control Board WW Treatment Plant Operator exam fee
Reynoso, Pio	355836	12-Feb-15	340.00	Membership/Certification	State Water Resources Control Board WW Treatment Plant Operator Certificate Grade V fee
Roberts, Tom	356432	25-Feb-15	155.00	Membership/Certification	CA State Water Resources Control Board T4 renewal fee
Roberts, Tom	356432	25-Feb-15	155.00	Membership/Certification	CA State Water Resources Control Board D5 renewal fee
Ruiz, Ricky	356145	19-Feb-15	865.00	Membership/Certification	Wastewater Operator Grade III Exam Review Seminar fee
Silva, Jose	356141	19-Feb-15	156.00	Membership/Certification	CWEA Membership & Collection Grade II renewal fee
Soto, Frank	355707	5-Feb-15	156.00	Membership/Certification	CWEA Membership and certificate renewal fee
Swan, Peer	356143	19-Feb-15	212.84	Lodging	ACWA Fall Conf., San Diego, CA Dec. 1, 2014
Swan, Peer	356143	19-Feb-15	212.84	Lodging	ACWA Fall Conf., San Diego, CA Dec. 2, 2014
Swan, Peer	356143	19-Feb-15	212.84	Lodging	ACWA Fall Conf., San Diego, CA Dec. 3, 2014
Swan, Peer	356143	19-Feb-15	212.84	Lodging	ACWA Fall Conf., San Diego, CA Dec. 4, 2014
Swan, Peer	356143	19-Feb-15	538.20	Airfare	CRWUA Annual Conf., Las Vegas, NV Dec. 9-12, 2014
Swan, Peer	356143	19-Feb-15	117.60	Lodging	CRWUA Annual Conf., Las Vegas, NV Dec. 9-12, 2014
Swan, Peer	356143	19-Feb-15	174.72	Other(Misc)	Dinner meeting with Bill Steel of Bureau of Reclamation and Mary Aileen Matheis, Las Vegas, NV
Tegel, Zack	356433	25-Feb-15	160.00	Membership/Certification	CA Water Board Water Treatment II certificate renewal fee
Tegel, Zack	356433	25-Feb-15	240.00	Membership/Certification	CWEA Collection System Maintenance Grade II certificate renewal fee
Tran, Jason	356426	25-Feb-15	156.00	Membership/Certification	CWEA membership renewal fee
Van Deusen, Scott	356430	25-Feb-15	156.00	Membership/Certification	CWEA membership & Collections I renewal fee
Velazquez, Moises	355834	12-Feb-15	170.64	Other(Misc)	Safety shoes allowance
<b>Total Amount:</b>			<b>\$7,890.26</b>		

March 23, 2015  
Prepared by: C. Spangenberg/M. Cortez  
Submitted by: K. Burton *(KB)*  
Approved by: Paul Cook */PC*

CONSENT CALENDAR

DYER ROAD WELLFIELD WELL NO. 5 REHABILITATION  
FINAL ACCEPTANCE

SUMMARY:

The Dyer Road Wellfield (DRWF) Well No. 5 Rehabilitation project is complete. The contractor, Best Drilling and Pump, Inc., completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

DRWF Well No. 5 is located in the City of Santa Ana near the intersection of Goetz Avenue and South Orange Avenue. A video survey conducted in 2012 revealed that over 75 percent of the casing perforations were partially plugged with yellowish fibrous biological nodules and chemical iron oxide scale. This project rehabilitated the well to address the microbial fouling and chemical encrustation within the screened intervals to improve the specific capacity of the well. The project also replaced the well pump, line shaft, couplings, motor shaft coupling, and ancillary equipment. Rehabilitation included brushing, bailing, air bursting, chemical, mechanical development, and patching of two damaged screens. As a result, the specific capacity increased from 10 to 16 gpm/foot of drawdown. Richard C. Slade & Associates completed the design in January 2014. Best Drilling and Pump, Inc. was awarded the construction contract on February 19, 2014 and completed construction in February 2015. The additional contract time to complete the project is attributable to third party delay (broken pump bowl repair, fabrication, hydraulic retesting, re-certification and re-shipping) and fabrication of a new line shaft to motor coupling due to improper sizing specified by the design.

Project Title:	DRWF Well No. 5 Rehabilitation
Project Number:	11693 (4326)
Design Engineer:	Richard C. Slade & Associates
Construction Management by:	IRWD Staff/Richard C. Slade & Associates
Contractor:	Best Drilling and Pump, Inc.
Original Contract Cost:	\$405,240
Final Contract Cost:	\$453,693
Original Contract Days:	260
Final Contract Days:	364
Final Change Order Approved On:	March 11, 2015

FISCAL IMPACTS:

Project 11693 (4326) is included in the FY 2014-15 Capital Budget. The existing budget is sufficient to fund the final payment for the project.

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 filed on March 28, 2013.

COMMITTEE STATUS:

This item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD ACCEPT CONSTRUCTION OF THE DYER ROAD WELLFIELD WELL NO. 5 REHABILITATION, PROJECT 11693 (4326); AUTHORIZE THE GENERAL MANAGER TO FILE A NOTICE OF COMPLETION; AND AUTHORIZE THE PAYMENT OF THE RETENTION 35 DAYS AFTER THE DATE OF RECORDING THE NOTICE OF COMPLETION.

LIST OF EXHIBITS:

None.

March 23, 2015

Prepared by: C. Kessler/K Lew

Submitted by: K. Burton *KLB*

Approved by: Paul Cook *Paul Cook*

## CONSENT CALENDAR

### REIMBURSEMENT AGREEMENT BETWEEN IRWD AND THE CITY OF IRVINE FOR INSTALLATION AND ADJUSTMENT OF IRWD FACILITIES TO GRADE

#### SUMMARY:

The City of Irvine (City) is proceeding with its annual slurry seal and pavement rehabilitation project for miscellaneous areas throughout the City. This project requires a Reimbursement Agreement (RA) since the estimated construction cost is over \$100,000. Staff recommends that the Board authorize the General Manager to execute an RA with the City for its Annual Slurry Seal and Pavement Rehabilitation Project, Bid No. 15-1003.

#### BACKGROUND:

IRWD has had an RA in place with the City since 1995 for managing various street rehabilitation projects. Typically included in the City's Capital Improvement Projects are alternate bid items for raising existing IRWD sewer manhole covers, sewer cleanouts, and water valve frames and lids to the new pavement grade. Any project up to \$100,000 in reimbursable costs can be authorized by the General Manager as an addendum to this "umbrella" RA.

IRWD and the City have also agreed that any City street improvement project which involves the construction, modification or relocation of IRWD facilities with an estimated construction cost over \$100,000 will be administered through a separate RA. The City's Annual Slurry Seal and Street Rehabilitation Project, Bid No. 15-1003, has an estimated construction cost of \$624,000 and, therefore, requires a project-specific RA.

The project area is generally located between Culver Drive and Jamboree Road from Irvine Center Drive to Portola Parkway. Approximately 580 domestic and 110 recycled water valve frames and lids, 10 sewer cleanouts, and 300 sewer manholes will be installed or adjusted to new pavement grade. A Vicinity Map is attached as Exhibit "A", the Engineer's Estimate as Exhibit "B", and the RA as Exhibit "C". The RA has been reviewed by IRWD's legal counsel.

#### FISCAL IMPACTS:

Staff anticipates receiving invoices from the City in late January 2016. Projects 11814 (6049), 21814 (6053), and 31814 (6054) will be included in the FY 2015-16 capital budget as shown in the following table.

Consent Calendar: Reimbursement Agreement between IRWD and the City of Irvine for Installation and Adjustment of IRWD Facilities to Grade

March 23, 2015

Page 2

Project No.	Current Budget	Addition <Reduction>	Total Budget
11814 (6049)	\$-0-	\$431,200	\$431,200
21814 (6053)	\$-0-	\$233,200	\$233,200
31814 (6054)	\$-0-	\$97,400	\$97,400
Total	\$-0-	\$761,800	\$761,800

**ENVIRONMENTAL COMPLIANCE:**

These projects are exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15061 (b)(3). The activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.

In addition, projects referenced in these agreements are exempt from CEQA as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15302 C, which provides exemption for projects that involve replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

**COMMITTEE STATUS:**

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

**RECOMMENDATION:**

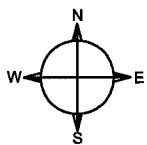
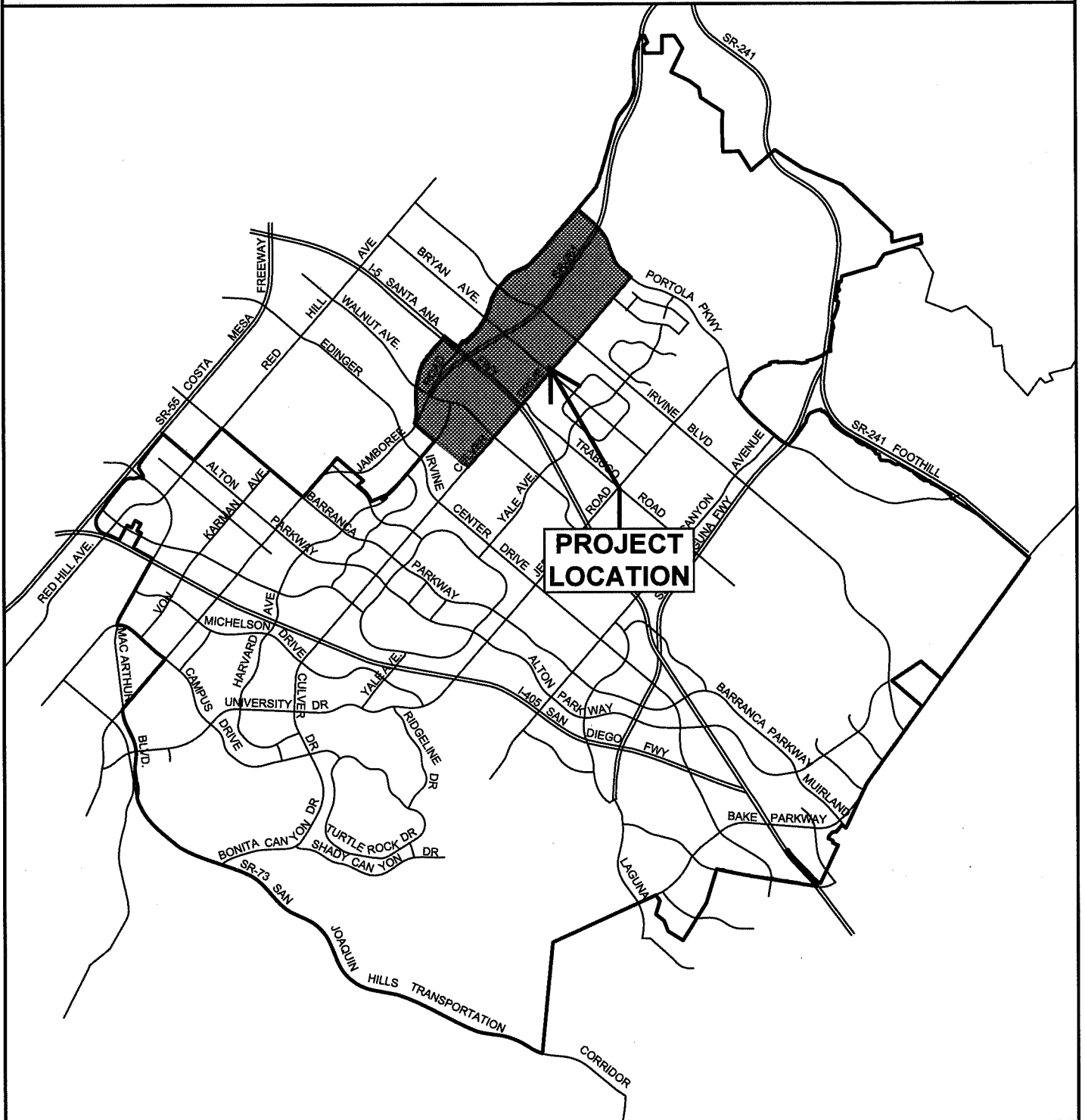
**THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A REIMBURSEMENT AGREEMENT WITH THE CITY OF IRVINE FOR ITS ANNUAL SLURRY SEAL AND PAVEMENT REHABILITATION PROJECT, BID NO. 15-1003.**

**LIST OF EXHIBITS:**

- Exhibit "A" – Vicinity Map
- Exhibit "B" – Engineer's Estimate
- Exhibit "C" – Reimbursement Agreement



# STREET REHABILITATION AND SLURRY SEAL



## VICINITY MAP



## EXHIBIT "B"

REIMBURSEMENT AGREEMENT BETWEEN IRVINE RANCH WATER DISTRICT (IRWD)  
AND THE CITY OF IRVINE  
FOR  
STREET REHABILITATION AND SLURRY SEAL, BID NO. 15-1003

### ENGINEER'S ESTIMATE

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT COST	EXTENDED AMOUNT
A-1	INSTALL NEW IRWD WATER VALVE FRAME AND COVER TO GRADE	580	EA	\$ 600.00	\$ 348,000.00
A-2	INSTALL NEW IRWD RECLAIM WATER VALVE FRAME AND COVER TO GRADE	110	EA	\$ 600.00	\$ 66,000.00
A-3	INSTALL NEW IRWD SEWER CLEANOUT FRAME AND COVER TO GRADE	10	EA	\$ 600.00	\$ 6,000.00
A-4	ADJUST EXISTING IRWD SEWER MANHOLE FRAME AND COVER TO GRADE	300	EA	\$ 600.00	\$ 180,000.00
<b>TOTAL CONSTRUCTION ESTIMATE</b>					<b>\$ 600,000.00</b>
<b>4% ADMINISTRATION FEE PER SECTION 5 OF AGREEMENT</b>					<b>\$ 24,000.00</b>
<b>TOTAL COSTS</b>					<b>\$ 624,000.00</b>

# EXHIBIT "C"

File No. 11814

REIMBURSEMENT AGREEMENT BETWEEN  
IRVINE RANCH WATER DISTRICT  
AND THE CITY OF IRVINE  
FOR  
INSTALLATION AND ADJUSTMENT OF STREET UTILITIES TO GRADE FOR  
STREET REHABILITATION AND SLURRY SEAL PROJECT  
BID NO. 15-1003

This Agreement is made and entered into as of this \_\_\_\_ day of \_\_\_\_\_, 2015, by and between IRVINE RANCH WATER DISTRICT, a California water district formed and existing pursuant to the California Water District Law, hereinafter referred to as "DISTRICT," and the CITY OF IRVINE, a municipal corporation, hereinafter referred to as "CITY."

W I T N E S S E T H:

WHEREAS, CITY proposes to construct street and utility improvements within the College Park, The Colony and West Irvine communities for the Street Rehabilitation and Slurry Seal Project, Bid No. 15-1003 (the "Project"), within the jurisdictional boundaries of DISTRICT and the City of Irvine; and

WHEREAS, such construction will necessitate the installation or adjustment to grade of approximately 580 Water Valves, approximately 110 Recycled Water Valves, approximately 10 Sewer Cleanouts and approximately 300 Sewer Manholes, as depicted on Exhibit "A" attached hereto incorporated by reference herein (hereinafter referred to as the "IRWD FACILITIES"); and

WHEREAS, the parties have determined that it would be more expedient for CITY to construct the IRWD FACILITIES rather than for DISTRICT to do so; and

WHEREAS, DISTRICT is amenable to the CITY constructing the IRWD FACILITIES with the CITY agreeing to advance the costs; and

WHEREAS, DISTRICT agrees to fully reimburse the CITY through payments billed by the CITY and approved by DISTRICT for the entire cost of the IRWD FACILITIES; and

WHEREAS, except as otherwise provided herein, upon the completion of the IRWD FACILITIES, the IRWD FACILITIES shall become the property of DISTRICT in accordance with the terms and conditions hereinafter set forth.

NOW, THEREFORE, in consideration of the mutual promises and covenants hereinafter set forth, the parties hereto agree as follows:

**SECTION 1. IRWD FACILITIES.** In conjunction with the Project, CITY agrees to initiate and pursue to completion the design and construction of the IRWD FACILITIES.

**SECTION 2. PLANS.** CITY agrees that the IRWD FACILITIES shall be completed pursuant to approved project plans and specifications (the "Plans and Specifications") which shall be approved by DISTRICT and used in awarding the construction contract. Prior to commencement of preparation of the Plans and Specifications, CITY shall submit its design engineer's proposal for the design of the IRWD FACILITIES to DISTRICT. DISTRICT will have a period of five (5) calendar days from its receipt of such design proposal to review and either indicate its approval or request changes. CITY shall cause its design engineer to review and respond to any requested changes. The Plans and Specifications shall be deemed to incorporate the applicable portions of DISTRICT's latest edition of "Construction Manual for the Construction of Water, Sewer, and Reclaimed Water Facilities" (the "Construction Manual"). The IRWD FACILITIES shall be contracted by CITY together with non-reimbursable work to be completed by CITY within the Project pursuant to plans prepared by CITY's design engineer.

**SECTION 3. BIDDING AND AWARD.** The parties agree that the construction of the IRWD FACILITIES shall be included in CITY's contract(s) awarded for the Project and that the IRWD FACILITIES shall be bid as a separate item or items that can be deleted. During the bidding process, CITY shall deliver to IRWD one (1) complete set of the bid documents that include the IRWD FACILITIES, including all related addenda concurrently with the distribution thereof to prospective bidders. Upon opening of bids by CITY, CITY will submit the bids or a spread sheet summary of the bids to DISTRICT. DISTRICT will have a period of ten (10) calendar days from its receipt of the bid results for review and approval of the IRWD FACILITIES bid item(s) submitted by the bidder identified to DISTRICT by CITY as CITY's proposed successful bidder. CITY agrees that bids received for the construction of the IRWD

FACILITIES bid item(s) shall be subject to the approval of DISTRICT prior to award of the Project construction contract(s) that include the IRWD FACILITIES; and further agrees that in the event DISTRICT does not approve such bids, either party may terminate this Agreement upon twenty-four (24) hours' prior written notice, in which event CITY shall have no further obligation to construct the IRWD FACILITIES, and DISTRICT may elect to install the IRWD FACILITIES with its own contractor. If DISTRICT approves of the IRWD FACILITIES bid item(s) of CITY's successful bidder, CITY agrees to cause the IRWD FACILITIES to be constructed as part of the contract awarded to such bidder. The total estimated construction cost for the IRWD FACILITIES is \$624,000.00, provided, however, the amount to be reimbursed by DISTRICT shall be based on the actual costs of construction. Upon award of the construction contract, CITY shall provide DISTRICT with one (1) original copy of the fully executed contract documents and one (1) copy of the bid package relating to the IRWD FACILITIES received from the successful bidder.

**SECTION 4. DESIGN REVISIONS AND CHANGE ORDERS.** DISTRICT agrees to reimburse CITY for any change order(s) for revision(s) requested by DISTRICT or otherwise required to construct the IRWD FACILITIES. CITY shall promptly furnish DISTRICT with copies of any proposed change order(s) to such contract within five (5) working days of the initiation of the changed conditions to such contract, which shall be subject to DISTRICT approval if and to the extent the IRWD FACILITIES are affected therefrom.

DISTRICT shall promptly review proposed change order(s) and provide CITY with a response within five (5) working days or sooner of receiving proposed change order(s) information from CITY. DISTRICT agrees not to unreasonably cause delay(s) to the construction schedule of the Project in reviewing proposed change order(s) for the IRWD FACILITIES. Notwithstanding any other provision herein, any approval required to be given by the DISTRICT under this Section shall be deemed given if no response to the CITY's request for such approval is received by the CITY within eight (8) working days following the written request for such approval unless the parties agree otherwise in a writing executed by both parties.

**SECTION 5. REIMBURSEMENT.** DISTRICT agrees to reimburse CITY for the following costs (collectively, the "Costs"): (1) the actual costs of design, construction, permits, bonds, and legal fees (excluding the costs of preparation of this Agreement) incurred by CITY in connection with the design and construction of the IRWD FACILITIES, plus (2) an administration fee which shall be equal to four percent (4%) of the actual cost of construction (costs paid directly to CITY's contractor for construction, only, excluding any cost for design,

surveying, geotechnical or other work) of the IRWD FACILITIES and which shall be deemed to cover all costs of project administration, including, but not limited to, accounting, inspection, surveying, compaction testing, geotechnical services and engineering. CITY shall keep a separate accounting of all Costs incurred by CITY in relation to the IRWD FACILITIES.

Within sixty (60) days of DISTRICT's acceptance of the IRWD FACILITIES as provided in Section 8, a final accounting of the Costs shall be made by CITY and submitted to DISTRICT along with an invoice for the Costs and any supporting documentation necessary to show the amounts which represent Costs of IRWD FACILITIES. Amounts paid pursuant to progress payment invoices shall be subject to adjustment in the final accounting. Within thirty (30) days of said final accounting, DISTRICT agrees to pay to CITY the total amount of the Costs.

SECTION 6. LAWS, ORDINANCES, RULES AND REGULATIONS. CITY shall require in its contract for the construction of the IRWD FACILITIES that its contractor be fully informed of and comply with all laws, ordinances, rules and regulations, including, but not limited to, all applicable requirements of the California Labor Code, prevailing wage laws, the Construction Manual, and the Rules and Regulations of DISTRICT, in connection with the construction of the IRWD FACILITIES.

SECTION 7. INSPECTION. DISTRICT shall have sole and absolute discretion as to all aspects of design and construction of the IRWD FACILITIES, and DISTRICT shall be entitled to inspect the construction of IRWD FACILITIES as it deems necessary to assure compliance with the Plans and Specifications, including shop drawing review and material inspection thereof. DISTRICT shall have access to all phases of the Project work to be performed by CITY for the purpose of such inspection; provided, however, all questions regarding the work being performed will be directed to CITY's resident engineer. DISTRICT will promptly notify CITY of any portion of the work on the IRWD FACILITIES which appears not to conform to the Plans and Specifications. The determination of DISTRICT as to conformity of the IRWD FACILITIES with the Plans and Specifications shall be made in DISTRICT's sole and absolute discretion. DISTRICT agrees not to unreasonably withhold its approval as to such conformity of the IRWD FACILITIES with the Plans and Specifications. CITY shall require its contractor to construct the IRWD FACILITIES so that the IRWD FACILITIES conform to the Plans and Specifications. CITY agrees to assume full responsibility for certifying or obtaining certification of the compaction of backfill material over the IRWD FACILITIES.

**SECTION 8. ACCEPTANCE.** DISTRICT agrees to accept the IRWD FACILITIES when the IRWD FACILITIES have been completed by CITY in accordance with all requirements of the Plans and Specifications, including any change orders approved by DISTRICT as provided in Section 3 hereof. At the time of completion and acceptance of the IRWD FACILITIES, CITY agrees to furnish DISTRICT with one (1) copy of the contractor's redlined set of blue-line "record" drawings (showing all revisions, manufacturer and type of valves, pipe and fittings as required by DISTRICT) and one (1) copy of the compaction reports and certificate, survey notes and cut sheets.

**SECTION 9. OWNERSHIP.** It is mutually agreed between the parties hereto that notwithstanding the fact that CITY shall accomplish the construction of the IRWD FACILITIES subject to reimbursement, the IRWD FACILITIES to be completed hereunder, together with the necessary franchises, licenses, easements, rights-of-way, and other privileges, shall at all times be subject to the applicable rates, rules and regulations of DISTRICT, as modified or amended from time to time. CITY hereby disclaims any interest in the IRWD FACILITIES and does hereby transfer and assign to DISTRICT any and all right, title, and interest it may have in the IRWD FACILITIES. DISTRICT shall own, operate and maintain the IRWD FACILITIES following acceptance thereof.

**SECTION 10. GUARANTEES.** CITY will, pursuant to the requirement(s) of the Plans and Specifications, cause its contractor(s) for the IRWD FACILITIES to guarantee the IRWD FACILITIES against defects in workmanship and materials for a period of one (1) year from the date of acceptance by CITY, which acceptance shall be given only after acceptance by DISTRICT as provided in Section 8. It is further agreed that CITY shall cause the IRWD FACILITIES to be brought or restored to full compliance with the requirements of the Plans and Specifications, including any test requirements, for any portions of the IRWD FACILITIES which during said one (1) year period are found not to be in conformance with the provisions of the Plans and Specifications. This guarantee is in addition to any and all other warranties, express or implied, from CITY's contractors or material manufacturers, with respect to the IRWD FACILITIES. The guarantee and obligations under this section shall in no way be relieved by DISTRICT's inspection and/or acceptance of the IRWD FACILITIES. This section sets forth the entire guarantee and warranty of CITY with respect to the IRWD FACILITIES. The express or implied warranties of other persons with respect to IRWD FACILITIES shall in no way be limited by the guarantee and warranty of CITY contained in this section. If requested by DISTRICT, CITY agrees to assign to DISTRICT the contractor's guarantee and/or any other guarantees or warranties relating to the IRWD FACILITIES.

**SECTION 11. INDEMNIFICATION.** CITY shall indemnify, defend and hold DISTRICT, its officers, agents, employees, and engineers harmless from any expense, liability or claim for death, injury, loss, damage or expense to persons or property which may arise or is claimed to have arisen during construction of the IRWD FACILITIES as a result of any work or action performed by CITY or on behalf of CITY, save and except to the extent such expense, liability or claim is proximately caused in whole or in part by any act, omission, or negligence of DISTRICT, its officers, agents, employees or engineers or by any act or omission for which DISTRICT, its officers, agents, employees or engineers are liable without fault.

DISTRICT shall indemnify, defend and hold CITY, its officers, agents, and employees, harmless from any expense, liability or claim for death, injury, loss, damage or expense to persons or property which may arise or is claimed to have arisen either (i) as a result of any acts performed by DISTRICT, its officers, agents, or employees, with respect to the IRWD FACILITIES construction; or (ii) following DISTRICT acceptance of the IRWD FACILITIES, with respect to maintenance and operation of the IRWD FACILITIES, save and except to the extent such expense, liability or claim is proximately caused in whole or in part by any negligence of CITY, its officers, agents, employees or engineers, or by any act or omission for which CITY, its officers, agents, employees or engineers are liable without fault.

**SECTION 12. INSURANCE AND BONDING.** CITY shall cause its contractor(s) to provide performance and payment bonds for the construction of the Project including the IRWD FACILITIES and to obtain insurance coverage sufficiently broad to insure the matters set forth in this Agreement and to include DISTRICT, its officers, agents, employees and engineers, as additional insureds on all insurance policies that CITY requires its contractor(s) to provide. As evidence of such insurance coverage, CITY shall, prior to commencement of construction of the IRWD FACILITIES, provide DISTRICT with certificates of insurance and insurance endorsements from CITY's contractor(s) in a form acceptable to DISTRICT.

**SECTION 13. TERMINATION.** DISTRICT shall have the right to terminate this Agreement at any time, subject to the provisions of this section, by providing five (5) business days' prior written notice to CITY, except as noted in Section 3. If at the request or direction of a party other than CITY, the construction of the IRWD FACILITIES is not accomplished or completed, DISTRICT shall remain obligated for the actual amount of the Costs incurred by CITY to the date of termination.



If CITY's Project is canceled or modified so as to eliminate the necessity of the construction of the IRWD FACILITIES, CITY shall have the right to terminate this Agreement and thereby terminate its obligation to construct the IRWD FACILITIES, by providing five (5) business days' prior written notice to DISTRICT. In such case, DISTRICT will not be obligated for any design or any other Costs incurred by CITY. If IRWD elects to construct the IRWD FACILITIES, DISTRICT may, but shall not be obligated to, acquire the design or other work from CITY by separate agreement.

SECTION 14. NOTICE. Any notice or other written instrument required or permitted by this Agreement to be given to either party shall be deemed received when personally served or twenty-four (24) hours after being deposited in the U.S. Mail, postage prepaid, registered or certified and addressed as follows:

DISTRICT: Irvine Ranch Water District  
15600 Sand Canyon Avenue  
P.O. Box 57000  
Irvine, CA 92619-7000  
Attn: General Manager

CITY: City of Irvine  
6427 Oak Canyon, Bldg. 1  
Irvine, CA 92618  
Attn: Reza Jafari, Associate Engineer

SECTION 15. SUCCESSORS AND ASSIGNS; INTEGRATION; AMENDMENT.  
This Agreement shall be binding upon and inure to the benefit of the successor and assigns of CITY and DISTRICT. This Agreement constitutes the entire Agreement between CITY and DISTRICT and supersedes all prior understandings and agreements between the parties with respect to the subjects hereof. This Agreement may be modified only in writing signed by both parties hereto.

SECTION 16. LEGAL FEES. In the event of any declaratory or other legal or equitable action instituted between CITY and DISTRICT in connection with this Agreement, the prevailing party shall be entitled to recover from the losing party all of its costs and expenses, including court costs and reasonable attorneys' fees.

SECTION 17. DEEMED APPROVAL. Any approval required to be given by either party pursuant to this Agreement shall be deemed given if no response to the party's request for

such approval is received by the requesting party within fifteen (15) days following the written request for such approval.

SECTION 18. SEVERABILITY. If any term, provision, covenant or condition of this Agreement is held to be invalid, void or other unenforceable, to any extent, by any court of competent jurisdiction, the remainder of this Agreement shall not be affected thereby, and each term provision, covenant or condition of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

SECTION 19. APPLICABLE LAW. This Agreement shall be construed and enforced in accordance with the laws of the State of California.

SECTION 20. WAIVER. The waiver of any provision of this Agreement by either party shall not be deemed to be a waiver of any other provision or of any preceding or subsequent breach hereunder.

IN WITNESS WHEREOF, the parties to the Agreement have executed this Agreement on the date herein above written.

IRVINE RANCH WATER DISTRICT

By \_\_\_\_\_  
Paul Cook, General Manager

Dated \_\_\_\_\_

ATTEST:

By \_\_\_\_\_  
Secretary/Assistant Secretary

Dated \_\_\_\_\_

APPROVED AS TO FORM:

By \_\_\_\_\_  
Legal Counsel, IRWD

Dated \_\_\_\_\_

CITY OF IRVINE  
A Municipal Corporation

By \_\_\_\_\_  
Sean Joyce  
City Manager of the City of Irvine

Dated \_\_\_\_\_

By \_\_\_\_\_  
Manuel Gomez  
Director of Public Works

Dated \_\_\_\_\_

ATTEST:

By \_\_\_\_\_  
Molly McLaughlin  
Interim City Clerk of the City of Irvine

Dated \_\_\_\_\_

APPROVED AS TO FORM:

By \_\_\_\_\_  
Todd O. Litfin, RUTAN & TUCKER, LLP  
City Attorney of the City of Irvine

Dated \_\_\_\_\_

March 23, 2015

Prepared by: C. Kessler/K. Lew

Submitted by: K. Burton *KL*

Approved by: Paul Cook *[Signature]*

## CONSENT CALENDAR

### PLANNING AREA 6 (PORTOLA SPRINGS) CAPITAL IMPROVEMENTS

#### SUMMARY:

Irvine Community Development Company (ICDC) is proceeding with the Planning Area 6 (Portola Springs) development including the Enclave 3, Backbone Street Improvements Project (Enclave 3 Improvements) and the Bridge and Trail Improvements. For both the Enclave 3 Improvements and the Bridge and Trail Improvements, ICDC will design and construct IRWD's recycled water capital facilities under an existing Supplemental Reimbursement Agreement. Staff recommends that the Board:

- Authorize a budget decrease for Enclave 3 Improvements, Project 30426, in the amount of <\$451,000>, from \$766,700 to \$315,700, and
- Authorize the addition of Bridge and Trail Improvements, Project 30508, to the FY 2014-15 capital budget in the amount of \$132,000.

#### BACKGROUND:

IRWD and ICDC have had a Reimbursement Agreement (RA) for design and construction of IRWD capital facilities in place since May 1997. Under this RA, a Supplemental Reimbursement Agreement (SRA) serves to define the improvements to be designed and constructed within a specific planning area as well as the estimated reimbursable costs.

An SRA was previously approved in April 2004 for all IRWD capital facilities within Planning Area 6. All required IRWD capital improvements are documented in the Planning Area 6 Sub-Area Master Plan Update, dated August 2013. The improvements are shown in Exhibit "A".

#### Enclave 3 Improvements:

Enclave 3 Improvements include construction of approximately 3,200 feet of 6-inch recycled water pipeline. ICDC selected Stantec to complete the Enclave 3 Improvements design plans. ICDC received five bids and the low bidder for the IRWD work was Kana Pipeline with a bid in the amount of \$167,492; bids ranged from \$167,492 to \$256,770. The Bid Summary is shown in Exhibit "B". ICDC requested IRWD's concurrence of awarding the contract to Kana. Kana's bid had no irregularities and staff concurs with ICDC's recommendation to award the construction contract to Kana. ICDC also received proposals from Stantec, Leighton, Adams Streeter, and LSA Associates for construction support services and staff concurs with the selections.

A summary of the Enclave 3 costs is shown as follows:

Design Engineering (Stantec)	\$ 18,460.00
Design Change Order No. 1 (Stantec)	\$ 11,800.00
Design Change Order No. 2 (Stantec)	\$ 3,900.00
Construction (Kana Pipeline)	\$167,492.00
Construction Engineering (Stantec)	\$ 5,200.00
Construction Geotechnical (Leighton)	\$ 3,790.00
Construction Staking (Adam Streeter)	\$ 2,640.00
Archeo/Paleo (LSA Associates)	\$ 3,945.00
ICDC Administration Fee (1%)	<u>\$ 1,674.92</u>
	\$218,901.92

Bridge and Trail Improvements:

Bridge and Trail Improvements include construction of approximately 440 feet of 8-inch recycled water pipeline. ICDC selected Stantec to complete the Bridge and Trail Improvements design plans. ICDC received five bids and the low bidder for the IRWD work was Clearwater Pipeline in the amount of \$61,070; however, the Boudreau Pipeline bid in the amount of \$67,250 was selected because it is a part of the lowest bid for the overall project. Bids ranged from \$61,070 to \$96,330. The Bid Summary is shown in Exhibit "C". ICDC requested IRWD's concurrence of awarding the contract to Clearwater. The bid had no irregularities and staff concurs with ICDC's recommendation to award the construction contract to Boudreau. ICDC also received proposals from Stantec, Kling, and Glen Lukos Associates for construction support services and staff concurs with the selections.

A summary of Bridge and Trail Improvement costs is shown as follows:

Design Engineering (Stantec)	\$ 14,900.00
Construction (Boudreau Pipeline)	\$ 67,250.00
Construction Engineering (Stantec)	\$ 1,500.00
Construction Geotechnical (Kling)	\$ 796.00
Construction Staking (Stantec)	\$ 1,450.00
Bio/Botanical (Glen Lukos Associates)	\$ 270.00
ICDC Administration Fee (1%)	<u>\$ 672.50</u>
	\$ 86,838.50

**FISCAL IMPACTS:**

Due to significantly high unit costs in the preliminary Engineer's Estimate, the budget for Enclave 3 Improvements was over-estimated. As a result, staff requests a decrease for Project 30426 (4557). Additionally staff requests the addition of Project 30508 (5763) to the FY 2014-15 capital budget as shown in the table below.

Project No.	Current Budget	Addition <Reduction>	Total Budget
30426 (4557)	\$766,700	<\$451,000>	\$315,700
30508 (5763)	\$ 0	\$132,000	\$132,000

**ENVIRONMENTAL COMPLIANCE:**

The construction of the capital facilities for Planning Area 6 is subject to the California Environmental Quality Act (CEQA) and in conformance with California Code of Regulations Title 14, Chapter 3, Article 7, an Environmental Impact Report, SCH#2001051010, was certified by the lead agency, the City of Irvine, on June 3, 2004.

**COMMITTEE STATUS:**

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

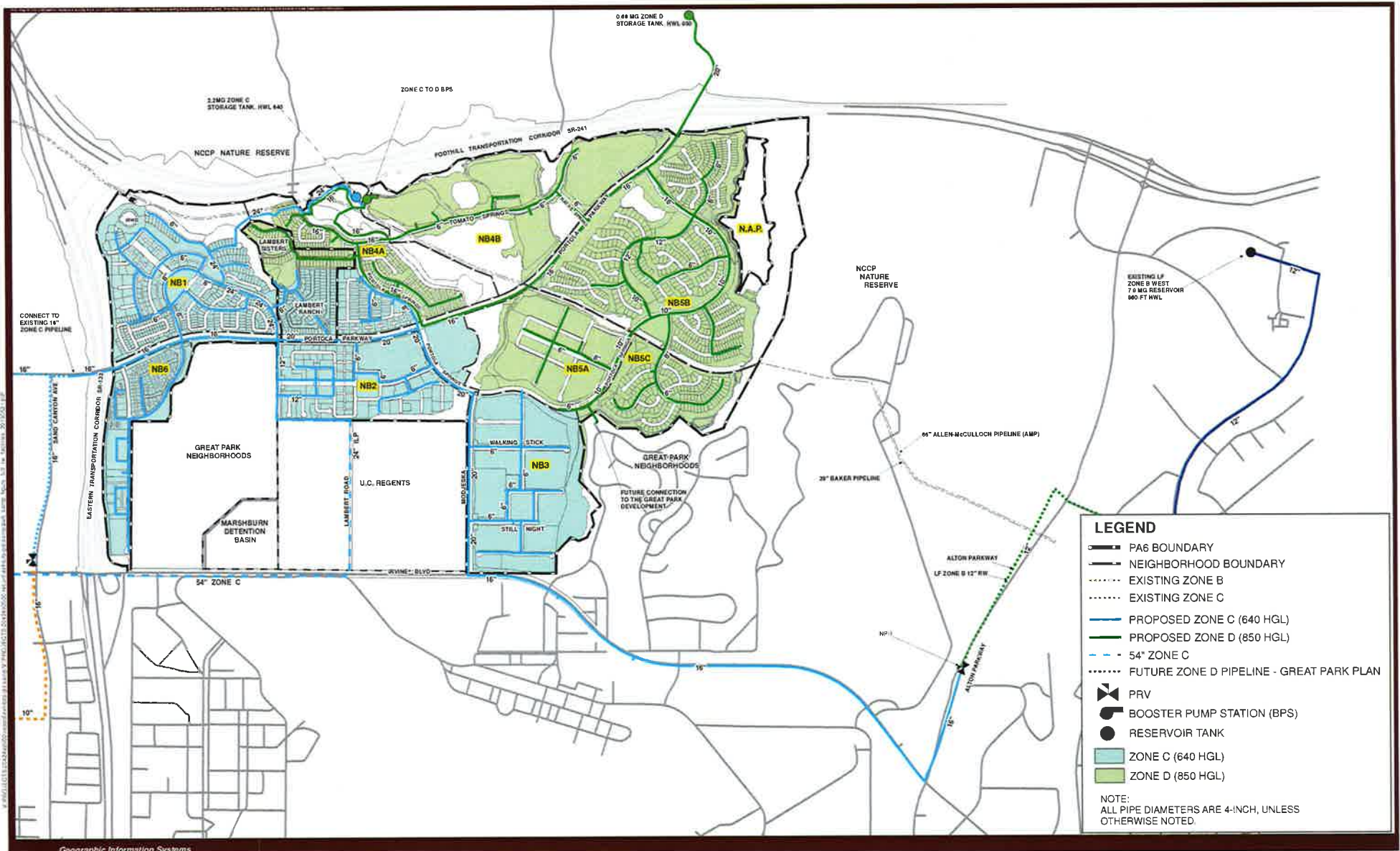
**RECOMMENDATION:**

THAT THE BOARD AUTHORIZE A BUDGET DECREASE FOR ENCLAVE 3 IMPROVEMENTS, PROJECT 30426 (4557), IN THE AMOUNT OF <\$451,000>, FROM \$766,700 TO \$315,700, AND AUTHORIZE THE ADDITION OF BRIDGE AND TRAIL IMPROVEMENTS, PROJECT 30508 (5763), TO THE FY 2014-15 CAPITAL BUDGET IN THE AMOUNT OF \$132,000 FOR THE DESIGN AND CONSTRUCTION OF RECYCLED WATER IMPROVEMENTS UNDER AN EXISTING SUPPLEMENTAL REIMBURSEMENT AGREEMENT WITH THE IRVINE COMMUNITY DEVELOPMENT COMPANY FOR PLANNING AREA 6 (PORTOLA SPRINGS).

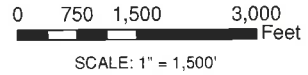
**LIST OF EXHIBITS:**

- Exhibit "A" – Project Location Map
- Exhibit "B" – Enclave 3 Improvements Bid Summary
- Exhibit "C" – Bridge and Improvements Trail Bid Summary

# EXHIBIT "A"



38 TECHNOLOGY DRIVE, SUITE 100  
IRVINE, CA 92618  
(949) 623-0500



PREPARED FOR  
IRVINE RANCH  
WATER DISTRICT



**PLANNING AREA 6 SAMP  
UPDATE FOR NB3 AND NB6  
NONPOTABLE WATER FACILITIES**

**FIGURE 5-3**





# EXHIBIT "C"

c. Dave Conley  
Mike Morse  
Tom Hagg  
Pete with Ed Key Map  
Marilyn Bohan - Cost Watch

PRE-BID MEETING DATE: September 9, 2014  
BID OPENING DATE: October 9, 2014  
WITNESSED BY: Bryana Fitzhugh  
Tina Bachelder

DECLINED PRIOR TO PRE-BID  
DO NOT SHOW AT PRE-BID. EVIDENCE, PHOTOGRAPHY  
DID NOT SUBMIT.

**BID SUMMARY**  
**PORTOLA SPRINGS (PA-6) BRIDGE AND TRAIL IMPROVEMENTS**  
**CONTRACT "B1" - DOMESTIC WATER, RECYCLED WATER AND PRIV IMPROVEMENTS**  
**AT PORTOLA PARKWAY STA. 147+00 (R/RWD AND AD 04-20) (PREVAILING WAGE)**  
**BID PACKAGE: B03200**  
Tract 16780  
TASK PCID: LD-0098.0D.A1.cn0102

ENGINEER'S ESTIMATE STANTEC	LOW BIDDER BOUDREAU	2ND BIDDER CLEARWATER	3RD BIDDER LEATHERWOOD	4TH BIDDER FYDAQ	5TH BIDDER KENNEDY
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# COPY

**CHECKLIST**  
Required items to be included in bid package:

1. Signed Addendum Nos. 3
2. Corporate Seal (if applicable)
3. Contract Signatures (Page V-9)
4. Bid Totals Correctly
5. List of SubContractors
6. Equipment/Material Source Information
7. Contractors Rates/Reviewed
8. 10% Bid Bond
9. Construction Schedule
10. Non-Collusion Certificate
11. Contractor Prequalified

Comments	Comments	Comments	Comments	Comments
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ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>III. BASE CONTRACT - DELETABLE ITEMS (R/RWD CAPITAL)</b>														
<b>03. GENERAL</b>														
1 MOBILIZATION (NOT TO EXCEED 2% OF CONTRACT PRICE)	1	LS	\$1,053.00	\$1,053.00	\$1,250.00	\$1,250.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00
2 DEVELOP CONSTRUCTION WATER	1	LS	\$789.75	\$789.75	\$750.00	\$750.00	\$1,300.00	\$1,300.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
3 PAYMENT AND PERFORMANCE BONDS	1	LS	\$525.50	\$525.50	\$1,700.00	\$1,700.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$1,600.00	\$1,600.00
4 TRAFFIC CONTROL	1	LS	\$5,000.00	\$5,000.00	\$7,700.00	\$7,700.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
8 INTERIM EROSION AND SEDIMENT CONTROL	1	LS	\$2,500.00	\$2,500.00	\$3,700.00	\$3,700.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
0 GENERAL ITEMS - ALL ELSE REQUIRED TO CONSTRUCT THE WORK, NOT LISTED ON THE SCHEDULES OF VALUES, BUT INCLUDED ON PLANS AND SPECIFICATIONS	1	LS	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
<b>IV. RECYCLED WATER</b>														
7 INSTALL 16" X 16" X 8" CMLAC STEEL FLANGED CUT-IN TEE PER R/RWD STD. DWG. W-19	1	EA	\$11,000.00	\$11,000.00	\$12,500.00	\$12,500.00	\$10,850.00	\$10,850.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
8 INSTALL THRUST BLOCK PER R/RWD STD. DWG. W-16	1	EA	\$500.00	\$500.00	\$200.00	\$200.00	\$575.00	\$575.00	\$300.00	\$300.00	\$500.00	\$500.00	\$250.00	\$250.00
9 INSTALL 2-FOOT SPOOL PER R/RWD STD. DWG. W-19	2	EA	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,650.00	\$3,300.00	\$1,800.00	\$3,600.00	\$1,000.00	\$2,000.00	\$1,100.00	\$2,200.00
10 INSTALL WELDED SLIP-ON FLANGE	1	EA	\$1,000.00	\$1,000.00	\$740.00	\$740.00	\$1,125.00	\$1,125.00	\$250.00	\$250.00	\$500.00	\$500.00	\$450.00	\$450.00
11 INSULATE JOINT WITH INSULATING FLANGE KIT PER R/RWD STD. DWG. CP-10	1	EA	\$1,500.00	\$1,500.00	\$400.00	\$400.00	\$630.00	\$630.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00
12 INSTALL 8" GATE VALVE (FE X FE) PER R/RWD STD. DWGS. W-19, W-22 AND W-23	1	EA	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00
CONSTRUCT 8" ALPHA C-300 DR-14 PURPLE PVC AND TRENCHING PER R/RWD STD. DWG. W-17 AND CITY OF IRVINE STD. PLAN NO. 223	440	LF	\$60.00	\$26,400.00	\$37.00	\$25,080.00	\$60.00	\$26,400.00	\$115.00	\$50,600.00	\$75.00	\$33,000.00	\$125.00	\$55,000.00
14 INSTALL 8" 45° VERTICAL DI BEND AND THRUST BLOCK PER R/RWD STD. DWG. W-18	4	EA	\$500.00	\$2,000.00	\$360.00	\$1,440.00	\$625.00	\$2,500.00	\$575.00	\$2,300.00	\$500.00	\$2,000.00	\$1,800.00	\$7,200.00
15 CONSTRUCT 8" 45° DI BEND (PO) AND THRUST BLOCK PER R/RWD STD. DWG. W-16	1	EA	\$500.00	\$500.00	\$280.00	\$280.00	\$275.00	\$275.00	\$350.00	\$350.00	\$500.00	\$500.00	\$450.00	\$450.00
16 CONSTRUCT 8" 22-1/2" DI BEND (PO) AND THRUST BLOCK PER R/RWD STD. DWG. W-19	5	EA	\$500.00	\$2,500.00	\$280.00	\$1,400.00	\$305.00	\$1,525.00	\$325.00	\$1,625.00	\$500.00	\$2,500.00	\$350.00	\$1,750.00
17 CONSTRUCT 8" 11-1/4" DI BEND (PO) AND THRUST BLOCK PER R/RWD STD. DWG. W-19	1	EA	\$500.00	\$500.00	\$260.00	\$260.00	\$505.00	\$505.00	\$325.00	\$325.00	\$500.00	\$500.00	\$330.00	\$330.00
18 INSTALL TEMPORARY END OF LINE FLUSH-OUT ASSEMBLY PER R/RWD STD. DWG. W-12	1	EA	\$1,750.00	\$1,750.00	\$1,400.00	\$1,400.00	\$1,825.00	\$1,825.00	\$1,700.00	\$1,700.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00
19 ADJUST RECYCLED WATER VALVE GAP TO BASE PAVE GRADE AND FINAL GRADE	1	LS	\$500.00	\$500.00	\$450.00	\$450.00	\$250.00	\$250.00	\$300.00	\$300.00	\$450.00	\$450.00	\$1,200.00	\$1,200.00
<b>TOTAL - BASE CONTRACT - DELETABLE ITEMS (R/RWD CAPITAL)</b>				<b>\$87,018.25</b>		<b>\$67,250.00</b>		<b>\$61,070.00</b>		<b>\$84,840.00</b>		<b>\$76,050.00</b>		<b>\$86,330.00</b>

## CONSENT CALENDAR

### APPROVAL OF MEMORANDUM RELATIVE TO THE BOARD, COMMITTEE AND OTHER ASSIGNMENTS, AND APPROVAL OF AGENCY AND OUTSIDE ORGANIZATION BOARD REPRESENTATION AT MEETINGS/EVENTS FOR 2015

#### SUMMARY:

As a result of changes proposed by President LaMar on Committees and other assignments, the following actions are necessary:

- Approve the draft March 23, 2015 memorandum relative to Board, Committees and Other Assignments; and
- Adopt a resolution rescinding Resolution No. 2013-19.

#### PROCESS COMMITTEE REPORT AND RECOMMENDATION:

This item was reviewed by the IRWD Board Process Ad Hoc Committee (President LaMar and Vice President Matheis).

#### BACKGROUND:

Throughout the year, IRWD Board members serve on various standing and established ad hoc committees and represent the District in various other assignments. President LaMar has reviewed various Committee and other assignments and has made proposed changes in the draft memorandum (provided as Exhibit "A") which are highlighted in bold text. The changes to the assignments are as follows:

##### Other Officers of the District:

No changes.

##### Standing Committees Changes:

No changes.

##### Ad Hoc Committees Changes:

No changes.

##### Agencies Representation Changes:

No changes.

Organizations Representation Changes:

- Association of California Agencies (ACWA) – LaMar, Matheis, Reinhart, Withers
- ACWA/Joint Powers Insurance Authority – Matheis (Representative), Withers (Alternate)
- California Assoc. of Sanitation Agencies – Withers (Representative), Reinhart (Alternate)
- Urban Water Institute – Matheis (Representative), Reinhart (Alternate)

Internal Organizations Changes:

No changes.

Supported Organizations Changes:

No changes.

Organization/Committee Staff Representation and Support:

No changes.

Pursuant to Resolution 2014-38 adopted on August 25, 2014, advance approval / ratification of attendance of events and meetings is required by the Board of Directors for per diem compensation. Separately, Board members are also required to have Board approval in advance for attendance at meetings to receive compensation for travel expenses. Based upon the annual assignment of Board members for outside representation, attendance by a Board member at meetings of an outside agency, organization or coalition or a conference of an association (Category “B” of the Policy), to which the Board member is an assigned District representative is hereby authorized in advance under the District’s policy for the balance of calendar year 2015 (subject to any changes that may be made in the assignments during such period), for purposes of receiving travel expense reimbursement and compensation that in all other respects satisfy the requirements of the policy. Attendance at such meetings or conferences by a Board member not assigned as a District’s representative to the outside agency, organization, coalition or association is hereby not approved. Assignments are summarized on the memo attached as Exhibit “A”. Additionally, Resolution 2013-19 is recommended to be rescinded. A resolution to do this is attached as Exhibit “B”.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the IRWD Board Process Ad Hoc Committee (President LaMar and Vice President Matheis).

RECOMMENDATION:

THAT THE BOARD APPROVE THE DRAFT MEMORANDUM DATED MARCH 23, 2015 ENTITLED OFFICERS OF THE BOARD, COMMITTEES AND OTHER ASSIGNMENTS; APPROVE ATTENDANCE FOR THE MEETINGS AND EVENTS FOR THE BOARD'S ASSIGNED REPRESENTATIVES FOR CALENDAR YEAR 2015 AS DELINEATED IN THE WRITE-UP; AND ADOPT THE FOLLOWING RESOLUTIONS BY TITLE:

RESOLUTION NO. 2015 –

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT, RESCINDING  
RESOLUTION NO. 2013-19

LIST OF EXHIBITS:

Exhibit "A" – Draft Memorandum from President LaMar dated March 23, 2015 titled Officers of the Board, Committee and Other Assignments

Exhibit "B" – Resolution Rescinding 2013-19

# MEMORANDUM

DATE: March 23, 2015  
TO: Board of Directors  
FROM: Steve LaMar, President  
SUBJECT: MEMORANDUM RELATIVE TO OFFICERS OF THE BOARD, COMMITTEES,  
AND OTHER ASSIGNMENTS

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## District Board of Directors:

- President Steve LaMar
- Vice President Mary Aileen Matheis
- Directors Doug Reinhart, Peer Swan, and John Withers

## Other Officers of the District:

- District Treasurer Rob Jacobson
- Assistant District Treasurers Cheryl Clary, Tanja Fournier
- District Secretary Leslie Bonkowski
- Assistant District Secretaries Nancy Savedra, Joan Arneson

## Standing Committees\*:

- Asset Management Withers, Swan (Alt. LaMar)
- Finance and Personnel Swan, LaMar (Alt. Matheis)
- Engineering and Operations Reinhart, Withers (Alt. Swan)
- Water Resources Policy and Communications Matheis, LaMar (Alt. Reinhart)
- Water Banking Swan, Reinhart (Alt. Matheis)

## Ad Hoc Committees\*:

- Bay Delta LaMar, Swan
- Board Process LaMar, Matheis
- City of Newport Beach Swan, Matheis
- City of Irvine / Great Park Matheis, LaMar
- City of Lake Forest Matheis, Reinhart
- City of Orange / OPA Reinhart, Withers
- City of Tustin LaMar, Matheis
- MWDOC Reinhart, LaMar
- Ocean Desalination LaMar, Swan
- Orange County Water District Swan, Reinhart
- OCWD / MWDOC Joint Planning Reinhart, Swan
- San Joaquin Marsh Swan, Matheis
- Serrano Water District Swan, Reinhart

\* Committee chair name shown first

Agencies Representation:

- Municipal Water District of Orange County Reinhart (Representative), LaMar (Alternate)
- Orange County Sanitation District (OCSD) Withers (Director), Reinhart (Alternate)
- Orange County Water District (OCWD) Swan (Representative), Reinhart (Alternate)
- So OC Wastewater Authority (SOCWA) Reinhart (Director), Cook (1<sup>st</sup> Alt.) and Reed (2<sup>nd</sup> Alt.)
- Santiago Aqueduct Commission (SAC)\*\*\* Reed\*\* (Director) and Reinhart (Alternate)

Organizations Representation:

- Association of CA Water Agencies (ACWA) **LaMar, Matheis, Reinhart, Withers**
- ACWA/Joint Powers Insurance Authority **Matheis** (Representative), **Withers** (Alternate)
- CalDesal LaMar (Representative), Reinhart (Alternate)
- CA Association of San. Agencies (CASA) **Withers** (Rep.), **Reinhart** (Alternate)
- CA Special Districts Association (CSDA) Matheis (Representative)  
Education Committee
- El Toro Restoration Advisory Board Matheis (Representative), Cook (Alternate)
- Independent Special Districts of OC (ISDOC) Matheis (Representative), Withers (Alternate)
- Irvine Chamber of Commerce Matheis (Representative), LaMar (Alternate)
- National Water Research Institute (NWRI) Withers (Representative), LaMar (Alternate)
- Nature Reserve of Orange County (NROC) LaMar (Representative), Cook (Alternate)
- Newport Bay Watershed Executive Comm. Swan (Representative), Cook (Alternate)
- Newport Chamber of Commerce Swan (Representative), Matheis (Alternate)
- Orange County Business Council (OCBC) LaMar (Representative), Withers (Alternate)
- Orange County Council of Governments Matheis (Representative), LaMar (Alternate)
- South County Chamber of Commerce Reed\*\* (Representative), Reinhart (Alternate)
- South Orange County Watershed Management Area Executive Committee Matheis (Representative), LaMar (Alternate)
- Southern California Water Dialogue Group Swan (Rep.), LaMar (Alternate)
- So. California Water Committee (SCWC) LaMar (Representative), Matheis (Alternate)
- Urban Water Institute (UWI) Matheis (Representative), **Reinhart** (Alternate)
- WaterReuse Association Reinhart (Representative), Cook (Alternate)
- Water Advisory Committee of OC (WACO) All Board Members
- Water Education Foundation (WEF) Matheis (Representative)

Internal Organizations:

- Bardeen Partners, Inc. Withers, President; Swan, Vice President  
LaMar, Matheis and Reinhart, Members  
Jacobson, Treasurer  
Fournier, Assistant Treasurer  
L. Bonkowski, Secretary
- IRWD Improvement Corporation Mary Aileen Matheis, President; LaMar, Vice President  
Swan, Reinhart, and Withers Members  
Jacobson, Treasurer  
L. Bonkowski, Secretary

\*\* Appointed representative

\*\*\* Notify agency of any change(s)

Internal Organizations (continued):

- IRWD Water Service Corporation  
Matheis, President; LaMar, Vice President  
Swan, Reinhart and Withers, Members  
Jacobson, Treasurer  
L. Bonkowski, Secretary
- Post-employment Benefits Retirement Trust Board  
Swan, Chairman; LaMar, Vice Chair  
Cook, Member  
Jacobson, Treasurer  
Fournier, Assistant Treasurer  
L. Bonkowski, Secretary

Supported Organizations:

- San Joaquin Wildlife Sanctuary, Inc.  
Swan, President; Matheis, Director  
L. Bonkowski, Treasurer, Director  
and Secretary
- Shadetree Partnership, Inc.  
Matheis, President  
T. Bonkowski, Director and Treasurer  
L. Bonkowski, Director and Secretary  
Cook, Director  
Swift, Director

Organization/Committee Staff Representation and Support:

- Association of CA Water Agencies (ACWA) Cook, Beeman, Compton
- California Assoc. of Sanitation Agencies Cook, Shields
- California Municipal Utilities Assoc. (CMUA) Cook, Compton
- California Special Districts Assoc. (CSDA) Beeman, Compton
- American Water Works Assoc. (AWWA) Cook, Shields
- California Water Environmental Assoc. Cook, Shields
- Dyer Road Well Field Cook (Representative), Burton (Alternate)
- Newport Bay Watershed Mgmt. Comm. Tettemer (Representative), Cook (Alternate)
- South Orange County Watershed Mgmt Area Executive Committee Tettemer
- WaterReuse California Cook, Tettemer, and Compton
- National Water Research Institute (NWRI) Oldewage

EXHIBIT "B"

RESOLUTION NO. 2015-

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
IRVINE RANCH WATER DISTRICT, ORANGE COUNTY, CALIFORNIA  
RESCINDING RESOLUTION NO. 2013-19 PLACING IN  
NOMINATION PEER A. SWAN AS CHAIR OF THE  
ASSOCIATION OF CALIFORNIA WATER AGENCIES, REGION 10

WHEREAS, the Board of Directors of the Irvine Ranch Water District adopted a resolution dated May 28, 2013 placing in nomination Peer A. Swan as Chair of the Association of California Water Agencies, Region 10; and

WHEREAS, the President of Irvine Ranch Water District has advised the Board that subject to adoption of this Resolution, he intends to change various assignments for representation and revise the Memorandum relative to Officers of the Board, Committee, and other Assignments, which among other assignments, will change Peer A. Swan's assignment as the District's representative to ACWA.

NOW, THEREFORE, the Board of Directors of IRWD DOES HEREBY RESOLVE, DETERMINE and order as follows:

Section 1. That Resolution No. 2013-19 be rescinded in its entirety.

Section 2. That the Secretary is hereby directed to forward a certified copy of this resolution to the Association of California Water agencies.

ADOPTED, SIGNED and APPROVED this 23rd day of March, 2015.

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

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

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

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March 23, 2015  
Prepared by: R. Lee *RL*  
Submitted By: P. Shields *PS*  
Approved by: Paul Cook *PC*

**ACTION CALENDAR**

**SEWER MANHOLE REHABILITATION SERVICES CONTRACT AWARD**

**SUMMARY:**

The Fiscal Year 2014-15 Sewer General System Modification Project consists of repairing and rehabilitating sewer manhole structures at various locations within IRWD's service area. Staff recommends that the Board authorize the General Manager to execute a contract with Zebron Contracting, Inc. in the amount not to exceed \$825,000 for the period April 1, 2015 to June 30, 2017.

**BACKGROUND:**

The Sewer General System Modification Project is used to fund repairs required in the sewer system infrastructure. Manholes considered for rehabilitation are identified during the normal collection system maintenance and inspection process. The scope of work for this project includes sewer manhole cleaning, wall preparation, lid and ring replacement, application of liner, and spark testing to ensure the installation is in compliance with the District's Construction Manual. For the last three years, Zebron has been awarded the contract through a competitive bid process to perform this type of rehabilitation work for the District. Zebron has more than 33 years of rehabilitation experience in the sewer/water industry and has provided the District with high quality manhole rehabilitation services.

Staff distributed a Request for Proposal (RFP) on August 19, 2014 to multiple qualified contractors with a proposal due date of August 28, 2014 (as provided in Exhibit "A"). Staff received two responsive bids from Zebron and Sancon Engineering; Zebron was determined to be the lowest responsive bidder. Exhibit "B" provides Zebron's pricing for the manhole rehabilitation.

**FISCAL IMPACTS:**

Project 20959 (5482) is included in the approved Fiscal Year 2014-15 Capital Budget. An Expenditure Authorization exists in the amount of \$330,000 and has been approved by the Board for Project 20959 on June 24, 2014. The Project is funded from the Replacement Fund.

Project No.	Current Budget	Addition <Reduction>	Total Budget
20959	\$330,000	-0-	\$330,000

**ENVIRONMENTAL COMPLIANCE:**

Not applicable

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT AWARD WITH ZEBRON IN THE AMOUNT NOT TO EXCEED \$825,000 FOR THE PERIOD OF APRIL 1, 2015 THROUGH JUNE 30, 2017.

LIST OF EXHIBITS:

Exhibit "A" – Request for Proposal Sewer Manhole Rehabilitation

Exhibit "B" – Zebron Manhole Rehabilitation Cost Comparison

# EXHIBIT "A"



**IRVINE RANCH WATER DISTRICT** 15600 Sand Canyon Ave., P.O. Box 57000, Irvine, CA 92619-7000 (949) 453-5300

## REQUEST FOR PROPOSAL

### Three Year Collection System Sewer Manhole Rehabilitation Contract

Date: Tuesday, August 19, 2014 at 3:00 PM  
MWRP – Operations Center  
3512 Michelson Drive  
Irvine, Ca 92612

**DUE BY: Thursday, August 28, 2014  
2:00 PM**

The Irvine Ranch Water District (IRWD or the District) invites your firm to submit a proposal to complete the project herein described. The bid is to include all labor, material, equipment, traffic control, and insurance costs required for the project. The bid shall be a lump sum total and itemized total that includes all work described in the scope of work section and plans/maps provided. **This contract covers the period of July 1, 2014 through June 30, 2017.**

The following information is provided for guidance in preparing your proposal:

#### SCOPE OF WORK

Perform the needed manhole repairs as stated in the attached paper work to include the following schedule:

##### **Tier 1 - Sewer manhole infrastructure coating**

- (1) Hydro blast / power wash inside of manhole to remove any material that would prevent a good seal or adhesion of the material to the inside walls of the manhole or vault.
- (1) Perform any minor repairs to the inside walls and channel as needed to guarantee adhesion of new coating such as shelf, bench, rail or guides, removal of rungs, etc.
- (1) Apply product to interior of manhole or vault and perform a spark test or other District approved test to ensure there are no defects with the coating, application or adhesion of product.
- (1) Apply coating so that it is between the ring and riser and then continue with the application of the coatings as mentioned above.

Initial each page

(1) Verify & document coating and adhesion is to be free from any defects. Proper paper work shall be given to the District utilizing manhole numbers or ID numbers as given for work to be performed.

**Tier 2 - Sewer manhole infrastructure coating (med degradation)**

- (1) All of the above in Tier 1
- (1) Rebuild or construct channel and base as needed such as med aggregate material showing and or channel issues.
- (1) Apply coating so that it is between the ring and riser and then continue with the application of the coatings as mentioned above.

**Tier 3 - Repair of sewer manhole infrastructure**

- (1) All of the above in Tier 2
- (1) Rebuild or construct channel and base in order to repair major damage to structure.
- (1) Ensure that the walls are uniform in thickness and without any defects that would prevent a good seal or adhesion with the product being applied .
- (1) Apply product to interior of manhole or vault and perform a spark test or other District approved test to ensure there are no defects with the coating, application or adhesion of product.
- (1) Verify & document coating and adhesion is to be free from any defects. Proper paper work shall be given to the District utilizing manhole numbers or ID numbers as given for work to be performed.

**Manhole Replacement**

- (1) Cut around sewer manhole minimum of 18-inches and remove old sewer lid and ring.
- (1) Placement of wood on the shelf to prevent any material from falling into the flow line. Remove the wood from the structure once the work has been completed.
- (1) Remove old material and raise the manhole to grade using appropriate cement risers. Ensure that the risers are sealed and cemented in place. Risers shall be mortared to ensure no infiltration or leaking behind coating.
- (1) Replace with IRWD ring and lid provided by District.
- (1) Cement the area around the ring and apply hot mix following City of Irvine Specifications. If hot mix cannot be used then color may be substituted in the cement to give the appearance of black asphalt.
- (1) Any manholes that are replaced must be returned to the IRWD warehouse at the end of the business day unless otherwise approved by district staff member.

**Traffic Control**

- (1) Traffic control and permit fees are the responsibility of the contractor and shall be obtained prior to the beginning of work.

It is the contractor's responsibility to ensure that any equipment being used to dry, ventilate, light, and or measure for gases are in proper working order as well tightly secured to prevent the loss of said equipment into a sewer manhole and therefore causing a blockage in the downstream lines. The contractor will be responsible for location and removal of any lost equipment and may be liable for any damages incurred. **The contractor will be responsible for the submittal of traffic control plans and permits as necessary in order to complete the work. Notifications shall be given to the proper agency prior to the start of the project including manhole locations, road or lane closures and duration of time for work to be completed each day.**

Any and all work shall be in accordance to the city where the work is being performed. A final inspection shall be done by the city as requested and shall be the responsibility of the contractor to make any and all notifications to the responsible agency for an appointment and final inspection of manhole replacement and any asphalt work taking place in any roadway.

The furnishing of any and all labor, material, tools, equipment, and transportation necessary for traffic control, surface preparation, application of lining, safety procedures and compliance with the California Code of Regulations Title 8. General Industry Safety Orders and Construction Safety Orders, to perform as specified. Spark test to be performed after work has been completed in sewer manhole to ensure no holidays are present in the new liner.

### **SAFETY AND REGULATORY REQUIREMENTS**

Safety shall be of the utmost importance at all times. The contractor shall safeguard all District, and contractor personnel, during the progress of the work by providing barricades, flagmen, traffic control and appropriate warning signs as required. Any equipment (such as tractors) shall be of the proper size necessary to safely accomplish the task.

Contractor and his personnel shall be required to follow all IRWD rules, regulations and procedures as listed in the Emergency Evacuation Plans. These include but are not limited to speed limits. In the event of an emergency the contractor and his personnel shall follow evacuation procedures in the Emergency Evacuation Plans. Contractor shall be held responsible for all such training of his personnel.

**The contractor shall provide proof to the District's representative, that they, the contractor have in place all safety programs that are required by the state and federal agencies.** The contractor must also prove that his personnel have been trained in these programs, by providing the District with training documentation. The contractor will be required to provide to the District's representative a copy of the **Material Safety Data Sheets** for all chemicals that are brought on site. No hazardous materials will be approved for use or permitted in the building or at the job site. Work areas must be cleaned up at the end of each shift, and no storage of material or equipment will be allowed in the building. All trash and spent materials are to be disposed of offsite and in compliance with state and federal regulations. All washing and cleaning of contractor equipment must be done offsite. The Contractor shall protect all surfaces during refueling or other maintenance activities.

The contractor **shall** perform all work during IRWD's regular business hours of 6:30 AM to 4:00 PM, Monday through Thursday, and 6:30 AM to 3:00 PM on Friday unless other arrangements are made with IRWD's agent.

### **QUALITY CONTROL**

All work shall be done by experienced and qualified personnel in accordance with the written request for proposal. The contractor will be responsible for quality control of his employee's actions and the finished product. The District reserves the right to reject any and all work that it feels is defective and may require the contractor to repair or replace such work, at no extra cost to the District. The contractor shall leave the job site clean and neat at the end of each workday.

**PROPOSAL CONTENTS**

The proposal shall include at a minimum:

- Total bid price to include, labor, material, equipment, insurance and traffic control. **Labor must be based on prevailing wage standard for each work task being performed.**
- **Bidder must be the manufacturer and applicator of the product. Third party applicators will not be allowed to participate.**

**PURCHASING & CONTRACT REQUIREMENTS**

Before the contractor will be allowed to move any staff, material, or equipment, on to the job site and commence any work the following conditions must be met:

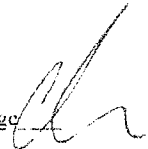
- Payment and Performance Bonds required for projects over \$25,000, deemed "public works" or "works of improvement".
- Bid Bond required for projects over \$100,000, deemed "public works" or "works of improvement".

All required insurance certificates must be on file with the Irvine Ranch Water District (IRWD) Purchasing Department, i.e. Worker's Compensation, General Liability, and Automobile Liability. The District to be named additional insured.

**INSURANCE REQUIREMENTS**

- An ACORD form of "Certificate of Insurance" is acceptable by the District.
- Minimum coverage as follows:
 

Workers' Compensation	\$1 Million
Automobile Liability	\$1 Million
Comprehensive General Liability	\$1 Million
- Irvine Ranch Water District must be named as an "Additional Insured" on all policies for General and Excess Liability Insurance coverage.
- Provide a certificate for each project, or a certificate covering "All Operations" of the insured.
- **General and Automobile Liability** must have a California Admitted Carrier with a Best's Key Rating of "A" or better with a Financial Size Category (FSC) of VIII or higher. Non-admitted and Surplus carriers are accepted provided that they have a rating of "A+" with an FSC of XII or higher.

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- *Workman's Compensation* must have a California Admitted Carrier with a Best's Key Rating of "A" or better with a Financial Size Category (FSC) of VIII or higher, or "B++" or better with an FSC of XIII and not less. Non-admitted and Surplus carriers are accepted provided that they have a rating of "A+" with an FSC of XII or higher.

For a Non-Admitted Carrier the rating must be "A+" with an FSC of XII or higher.

- The contractor must have a signed purchase order from the IRWD Purchasing Department before work can commence.
- Contractor license number and references if not previously submitted.
- Any and all change orders must be submitted and approved by the Districts representative, in writing, prior to starting any work associated with the change order.

#### COLLATERAL DAMAGE

Contractor shall be responsible for all damage to IRWD property, facilities or personnel caused by his employees, subcontractors or their equipment during the performance of the contract.

#### PROJECT COMPLETION

The project is complete when all work activity has been completed and all items on the punch list have been completed. All work must have passed inspection by the District's representative and the site must be left neat and clean. Payment may be withheld until the work is completed and approved by a District representative.

#### AWARD OF CONTRACT

- If the contract is to be awarded, it will be awarded to the lowest bidder or contractor who, after evaluation by the District, indicates to the District that the award will be in the best interest of the District.
- If the contract is to be awarded, IRWD will give the successful bidder a Notice of Award after Board Approval.
- If at the time that this contract is to be awarded, the total of the acceptable bid exceeds the funds estimated by IRWD as available, then the District may reject all bids or take such other action that best serves the interest of the District.
- IRWD reserves the right to reject any or all bids including, without limitation, the right to reject any other all non-conforming, non-responsive or conditional bids. IRWD reserves the right to reject the bid of any bidder if IRWD believes that it would not be in the best interest of the project to make an award to that bidder, whether because the bid is not responsive or the bidder is unqualified or of doubtful financial ability, or fails to meet any other pertinent standard or criteria established by IRWD.

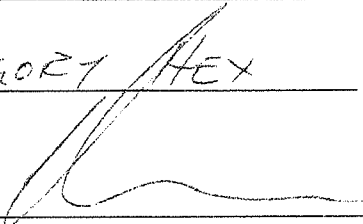


- IRWD may conduct such investigations, as IRWD deems necessary to assist in bid evaluations, and to establish responsibility, qualifications and financial ability of the bidder.
- In the event of failure of the successful bidder to sign the Agreement, provide insurance certificates, and the required documents, IRWD may award the contract to the next responsive responsible bidder.
- **For Public Works jobs over \$30,000, the firm selected will be required to fill out form DAS-13; Department of Industrial Relations - Division of Apprenticeship Standards, provided by IRWD.**
- The contractor selected for the award of contract must be able to begin work immediately upon award of the contract and must be able to maintain the level of staff necessary to meet the proposed schedule that was approved by the District's representative.

**BID SUBMITTED BY:**

Company: ZEBRON CONTRACTING, INC.  
 (Print)

Name: GREGORY HEX Title: VICE-PRESIDENT  
 (Print) (Print)

Signature:  Date: 8-28-14

You must prepare your bid on the District's "Request for Pricing" document. Both documents, "Request for Proposal" and "Request for Pricing" need to be uploaded in the Response Attachments tab by bid deadline.

If you have any technical questions, please call Henry Solis at: 949-453-5748 or Greg Springman at: 949-453-5815.



EXHIBIT "B"

REQUEST FOR PRICING  
SEWER MANHOLE REHABILITATION PROJECT

Year 1 of 3

Item	Description	*Traffic Control Added to Pricing	4 FT MANHOLE DIA.		5 FT MANHOLE DIA.		6 FT MANHOLE DIA.	
			Zebtron	Sancon	Zebtron	Sancon	Zebtron	Sancon
<b>Tier 1</b>								
1	0-10 feet	Residential	\$2,340	\$3,200	\$2,740	\$3,300	\$2,910	\$3,500
		Major	\$3,340	\$4,700	\$3,740	\$4,800	\$3,910	\$5,000
2	10-15 feet	Residential	\$2,910	\$3,400	\$3,080	\$3,800	\$3,530	\$4,400
		Major	\$3,910	\$4,900	\$4,080	\$5,300	\$4,530	\$5,900
3	15-20 feet	Residential	\$3,360	\$3,800	\$3,760	\$4,200	\$4,270	\$4,600
		Major	\$4,360	\$5,300	\$4,760	\$5,700	\$5,270	\$6,100
4	20-25 feet	Residential	\$4,270	N/A	\$4,960	N/A	\$6,170	N/A
		Major	\$5,270	N/A	\$5,960	N/A	\$7,170	N/A
Zebtron at \$182 each additional foot above 25 feet.								
<b>Tier 2</b>								
5	0-10 feet	Residential	\$3,360	\$4,000	\$3,590	\$4,200	\$3,810	\$4,400
		Major	\$4,360	\$5,500	\$4,590	\$5,700	\$4,810	\$5,900
6	10-15 feet	Residential	\$3,810	\$4,300	\$4,270	\$4,700	\$4,490	\$4,900
		Major	\$4,810	\$5,800	\$5,270	\$6,200	\$5,490	\$6,400
7	15-20 feet	Residential	\$4,660	\$5,100	\$4,890	\$5,200	\$5,400	\$5,800
		Major	\$5,660	\$6,600	\$5,890	\$6,700	\$6,400	\$7,300
8	20-25 feet	Residential	\$5,550	N/A	\$6,510	N/A	\$7,760	N/A
		Major	\$6,550	N/A	\$7,510	N/A	\$8,760	N/A
Zebtron at \$182 each additional foot above 25 feet.								
<b>Tier 3</b>								
9	0-10 feet	Residential	\$3,760	\$4,300	\$4,100	\$4,500	\$4,270	\$5,000
		Major	\$4,760	\$5,800	\$5,100	\$6,000	\$5,270	\$6,500
10	10-15 feet	Residential	\$4,660	\$5,200	\$5,400	\$5,600	\$6,240	\$7,000
		Major	\$5,660	\$6,700	\$6,400	\$7,100	\$7,240	\$8,500
11	15-20 feet	Residential	\$6,240	\$6,400	\$6,980	\$7,600	\$7,880	\$9,000
		Major	\$7,240	\$7,900	\$7,980	\$9,100	\$8,880	\$10,500
12	20-25 feet	Residential	\$8,940	N/A	\$10,670	N/A	\$12,850	N/A
		Major	\$9,940	N/A	\$11,670	N/A	\$13,850	N/A
Zebtron at \$182 each additional foot above 25 feet.								

**REQUEST FOR PRICING  
SEWER MANHOLE REHABILITATION PROJECT**

13	<b>Traffic Control (Residential) *Amount added to tier system breakdown</b>	\$250	\$1,000	\$250	\$1,000	\$250	\$1,000
14	<b>Traffic Control (Major) *Amount added to tier system breakdown</b>	\$1,250	\$2,500	\$1,250	\$2,500	\$1,250	\$2,500
15	<b>Lid &amp; Ring Replacement</b>	\$1,250	\$1,500	\$1,250	\$1,500	\$1,250	\$1,500

March 23, 2015

Prepared by: R. Lee *RL*

Submitted by: P. Sheilds *PS*

Approved by: Paul Cook *PC*

## ACTION CALENDAR

### OPERATIONS DATABASE MANAGEMENT SYSTEM

#### SUMMARY:

The task performed by the District's Operations, Compliance, and Laboratory Departments to compile and generate data to develop reports and analyze processes is labor intensive and requires consolidating data from multiple sources. The District will benefit from a single database management system that staff can use to efficiently compile data and generate reports from various existing operations, laboratory, and financial databases. Several systems were evaluated based on District requirements. Staff recommends that the Board authorize the General Manager to execute a contract with Hach to purchase the Water Information Management System (WIMS) database management program in the amount of \$208,105.

#### BACKGROUND:

The District's Water and Recycling Operations, Water Quality, and Compliance Departments utilize and integrate operational and laboratory data from various sources such as the Supervisory Control and Data Acquisition (SCADA) system and Laboratory Information Management System (LIMS) to prepare compliance reports, monitor plant processes, and track Key Performance Indicators (KPIs) on a daily basis. Currently, staff manually transfers data from SCADA and LIMS into Microsoft Excel files to compile, calculate, and store data to prepare reports. This method of manually transferring data from multiple sources is labor intensive and can potentially lead to quality control issues with the data and related reports. In addition, data compiled in this manner cannot be easily formatted to meet the regulatory reporting requirements mandated by the State Water Resources Control Board using California Integrated Water Quality System (CIWQS).

#### Selection Process:

As a result of these challenges, staff from Information Services, Water and Recycling Operations, Electrical and Automation, Laboratory, Compliance, and Natural Treatment Systems departments jointly developed a list of requirements for a single system that will provide benefits to all departments involved. Some of the major system requirements and capabilities include: off-the shelf and commercially available, water and recycling industry experience, process evaluation, automated and ad-hoc reports, data audit trails, regulatory compliance reports, user-friendly interface, and seamless integration with SCADA, LIMS, Oracle and field-collected data. Staff identified and evaluated four commercially available software programs that were developed specifically for use in the water and recycling industry including Dream Report by Invesys, WaterTrax by WaterTrax, Intelligent Water by Element Blue, and WIMS by Hach. Staff rated each of these systems based on the criteria outlined above as well as several other technical standards. Based on the results of the scoring, staff selected the Hach WIMS program. The primary advantages of the WIMS system are that it is used by hundreds of water and recycling

facilities throughout the United States, including several in southern California, and the system can reside on the client's server. WIMS works well with the District's SCADA and LIMS systems making data transfers seamless. WIMS has also been used to interface with Oracle for linking financial and operational data to provide production cost information. The system is also capable of providing data validation, audit trails for data entries, and has a full suite of updated regulatory report formats that are automatically populated with the appropriate data (fully compatible with CIWQS). Other benefits of the system include a reduction in the number of places data are entered and the ability to track an unlimited number of data points/parameters which can be used to create reports, graphs, and data analysis. In addition, Hach has established a local user group and regular meetings where users can network and receive updates on the latest upgrades and benefits of the software.

Given the internal evaluations and several presentations by the vendors, staff has determined that the WIMS program by Hach meets all of the District's criteria for a database management system. In addition, staff spoke with and visited other agencies that have implemented WIMS, including City of San Diego, Encina Wastewater Authority (EWA), Santa Margarita Water District, South Orange County Wastewater Authority (SOCWA) and found overwhelmingly positive feedback regarding the benefits and efficiencies gained by implementing this program. As a result, staff recommends foregoing the formal bidding procurement process and executing a sole-source contract with Hach for the WIMS program.

FISCAL IMPACTS:

Project 21191 (5409) is included in the approved Fiscal Year 2014-15 Capital Budget

Project No.	Current Budget	Addition <Reduction>	Total Budget
21191	\$346,500	-0-	\$346,500

ENVIRONMENTAL COMPLIANCE:

Not applicable

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT IN THE AMOUNT OF \$208,105 WITH HACH TO PURCHASE AND IMPLEMENT THE WATER INFORMATION MANAGEMENT SYSTEM DATABASE MANAGEMENT PROGRAMS.

LIST OF EXHIBITS:

Exhibit "A" – HACH WIMS Proposal

EXHIBIT "A"



**Hach**

5600 Lindbergh Drive - Loveland, CO 80539  
800-227-4224 --- orders@hach.com

**QUOTE #:** Q022614SB1B

**Quote Date:** 3/10/2015  
**Terms:** Net 30  
**Quote Valid:** 60 Days

**To:** Randy Lee  
Irvine Ranch Water District  
PO Box 57000  
Irvine , CA 92619  
949-453-5780  
[leer@irwd.com](mailto:leer@irwd.com)

**HACH RSM:** Nayan Kapadia  
**RSM email:** [nkapadia@hach.com](mailto:nkapadia@hach.com)  
**RSM phone:** (909) 851-2429

**Project:** Irvine Ranch Water District

<p><b>Please submit your order to support@hach.com or fax 970-669-2932</b></p> <p><b>Include on PO:</b></p> <ul style="list-style-type: none"> <li>• QUOTE#</li> <li>• Bill to address and contact info</li> <li>• Installation address and primary user contact information (no PO Box please)</li> <li>• Fed Ex delivery address and contact for your software</li> </ul>	
<b>WIMS Software</b>	
<p>Hach WIMS™ Enterprise with 1 year of support (starts on ship date)</p> <p><b>Yearly support (after first year) is 18% of software only value. Estimated support would be \$101,000 * 185 = \$18,240 (please allow for 1% to 3% cost increase per year for budgeting)</b></p> <p>NOTE: Software ships and you will be contacted to initiate services (if applicable) within 6 working days of receipt of order.</p> <p>Part Numbers: WM-ENT,WM-SW,DMWIMS-SPT-BAS</p>	<p>\$ 55,000.00</p>
<p>20 Hach WIMS™ Enterprise Concurrent Users</p> <p>NOTE: Software ships and you will be contacted to initiate services (if applicable) within 6 working days of receipt of order.</p> <p>Part Numbers: 1 WM-ENTCONUSER , noshipopenem</p>	<p>\$ 26,000.00</p>
<p>Hach WIMS™ Enterprise 7 facility databases</p> <p>Part Numbers: 1 WM-FACIL-ENT, noshipopenem</p>	<p>\$ 7,000.00</p>

<p>Two (2) Standard SCADA Interfaces for Hach WIMS™: Wonderware Historian</p> <p>Please go to <a href="http://www.hach.com/im">www.hach.com/im</a>, under "Helpful Links" click on <a href="#">Standard SCADA and LIMS Interfaces</a> to review the list of Standard SCADA interfaces currently available. Please verify your system is listed and click on the Documentation link to review the technical details of the interface. Contact IIM Support at 800-667-0067 if you need assistance.</p> <p>NOTE: If your SCADA system is not on the Hach list of standard interfaces, a custom interface will be required and additional costs will be incurred. Completion of custom interfaces may extend beyond the completion of other aspects of the project but should not delay the use of most WIMS functionality. You should discuss impact to the project schedule with your HACH RSM and Project Manager.</p> <p>Part Numbers: 2 WM-SCADA-INT</p>	<p>\$ 5,200.00</p>
<p>Standard LIMS Interface for Hach WIMS™: Perkin Elmer Labworks</p> <p>Please go to <a href="http://www.hach.com/im">www.hach.com/im</a>, under "Helpful Links" click on <a href="#">Standard SCADA and LIMS Interfaces</a> to review the list of Standard LIMS interfaces currently available. Please verify your system is listed and click on the Documentation link to review the technical details of the interface. Contact IIM Support at 800-667-0067 if you need assistance.</p> <p>NOTE: If your LIMS system is not on the Hach list of standard interfaces, a custom interface will be required and additional costs will be incurred. Completion of custom interfaces may extend beyond the completion of other aspects of the project but should not delay the use of most WIMS functionality. You should discuss impact to the project schedule with your HACH RSM and Project Manager.</p> <p>Part Numbers: WM-LIMS-INT</p>	<p>\$ 2,600.00</p>
<p>Standard Oracle Database Interface for Hach WIMS™: Oracle</p> <p>Please go to <a href="http://www.hach.com/im">www.hach.com/im</a>, under "Helpful Links" click on <a href="#">Standard SCADA and LIMS Interfaces</a> to review the list of Standard LIMS interfaces currently available. Please verify your system is listed and click on the Documentation link to review the technical details of the interface. Contact IIM Support at 800-667-0067 if you need assistance.</p> <p>NOTE: If your system is not on the Hach list of standard interfaces, a custom interface will be required and additional costs will be incurred. Completion of custom interfaces may extend beyond the completion of other aspects of the project but should not delay the use of most WIMS functionality. You should discuss impact to the project schedule with your HACH RSM and Project Manager.</p> <p>Part Numbers: WM-LIMS-INT</p>	<p>\$ 2,600.00</p>
<p>Standard doForms™ Mobile Interface for Hach WIMS™: Using smartphones and tablets running iOS or Android operating systems to collect data in the field.</p> <p>NOTE: Requires, but does not include doForms subscription plan (Professional)</p> <p>Go to: <a href="http://www.doforms.com">www.doforms.com</a> for device compatibility and pricing information</p> <p>Part Numbers: 1 WM-MOBILE-INT</p>	<p>\$ 2,600.00</p>

**WIMS Services**

<p>Implementation Services Seven (7) facilities: Michelson WRP, Los Alisos WRP, Wells 21 and 22 WTP, Irvine Desalter WTP, Dyer Road Well Field, Baker WTP, and NTS  Database Configuration, Report, and Data Entry Form development.  Typically includes (your Project Manager will finalize the scope of work based on your needs):</p> <ul style="list-style-type: none"> <li>• Project Administration</li> <li>• Consultation to gather information and determine specific needs to create a project plan.</li> <li>• Remote Basic Install Assistance</li> <li>• Basic Variable setup - Adapting an industry standard list of parameters and calculations for your plant/system.</li> <li>• Site specific calculation setup</li> <li>• The Hach Project Manager will complete initial set up of regulatory reports</li> <li>• Up to 70 Pages compliance reports or up to 700 Parameter eDMR/eMOR (customer to supply copies of reports for review to fit within scope)</li> <li>• 7 standard format monthly KPI report with up to 10 user defined KPIs (key performance indicators)</li> <li>• 7 Predefined dashboard with 10 user defined KPI's and KPI graph set</li> <li>• 7 standard format yearly summary KPI report with up to 10 user defined KPIs</li> <li>• Data Entry Form development including 1 page Custom Data Entry Form and standard Monthly Data Entry Forms for all parameters</li> </ul> <p>Part Numbers: 460 DM_WIMS-HRLY, NOSHIPOPENPROJ</p> <p>NOTES:</p> <ul style="list-style-type: none"> <li>• Additional scope/work, billed at our standard labor rate, can be requested and will require a change order.</li> <li>• Implementation assumes internet access is available at installation site.</li> <li>• Data Migration services are NOT included. Historical data may be imported from SCADA/LIMS systems with Purchased Interfaces.</li> </ul>	<p>\$ 75,900.00</p>
<p>Mobile Interface installation, configuration and training.</p> <p>Prerequisite: Must have doForms professional account set up and a device with the doForms application installed  Remote installation of the interface  Configuration of the interface to publish data  Training of how to set up forms including capturing 10 variables in doForms and enable the web services for your forms  Cross reference the 10 variables to Hach WIMS  Training on how to capture data and how to send the data to your Hach WIMS</p> <p>Note:  Additional scope/work, billed at our standard labor rate, can be requested and will require a change order.</p> <p>Part Numbers: 5 DM_WIMS-HRLY, noshipopenproj</p>	<p>\$ 825.00</p>

<p>Additional hours for additional report development</p> <p>Project Manager will finalize the scope of work based on your needs</p> <p>Part Numbers: 40 DM_WIMS-HRLY, NOSHIPOPENPROJ</p>	<p>\$ 6,600.00</p>
<p>Data Migration Services - Hach will provide data migration assistance up to 32 hours. If IRWD requires additional services for data migration, they will be charged at the standard rate of \$165/HR.</p> <p>Part Numbers: 32 DM_WIMS-HRLY, NOSHIPOPENPROJ</p>	<p>\$ 5,280.00</p>
<p>4 Days - Onsite Training and Services</p> <ul style="list-style-type: none"> <li>• Installation Review</li> <li>• Training - Basic, Advanced, and Admin (A Hach project manager will create a training agenda based on training requirements)</li> <li>• SCADA Interface installation, configuration and training. Up to 10 variables will be cross referenced.</li> <li>• LIMS Interface installation, configuration and training. Up to 10 variables will be cross referenced.</li> </ul> <p>Part Numbers: 4 DM_WIMS-OSS-TRN, 1 DM_WIMS-TRVLEXP, 1 DM_WIMS-TRVLTME</p>	<p>\$ 9,250.00</p>
<p>4 Days -Follow Up Training and Services</p> <ul style="list-style-type: none"> <li>• Additional Report, database development</li> <li>• Additional Training - Basic, Advanced, and Admin</li> </ul> <p>Part Numbers: 4 DM_WIMS-OSS-TRN, 1 DM_WIMS-TRVLEXP, 1 DM_WIMS-TRVLTME</p>	<p>\$ 9,250.00</p>

**Total Budgetary Price: \$ 208,105.00**

**TERMS are net 30 days. Prices on this quote are firm for 60 days. Prices in US dollars. Licensing for end user not for export. Services will be invoiced either in eighty service hour increments or at the completion of services whichever comes first. Additional fees may be incurred due to project delays due to customer's availability, actions and/or requests. Payment is due thirty days from the date of invoice.**

All purchases of Hach Company products and/or services are expressly and without limitation subject to Hach Company's Terms & Conditions of Sale ("Hach TCS"), incorporated herein by reference and published on Hach Company's website at [www.hach.com/terms](http://www.hach.com/terms). Hach TCS are contained directly and/or by reference in Hach's offer, order acknowledgment, and invoice documents. The first of the following acts constitutes an acceptance of Hach's offer and not a counteroffer and creates a contract of sale ("Contract") in accordance with these Terms & Conditions: (i) Buyer's issuance of a purchase order document against Hach's offer; (ii) acknowledgement of Buyer's order by Hach; or (iii) commencement of any performance by Hach pursuant to Buyer's order. Provisions contained in Buyer's purchase documents (including electronic commerce interfaces) that materially alter, add to or subtract from the provisions of these Terms & Conditions of Sale are not a part of the Contract.



## Hach Integrated Information Management Product Descriptions

### Hach Water Information Management Solution™ (Hach WIMS™)

Hach WIMS is designed specifically for drinking water and wastewater systems to help users make more informed decisions, providing tools for analysis, monitoring, and reporting. Data is captured automatically or manually from multiple data sources and stored in a central, secure database with easy local or web access. Hach WIMS offers various levels of software from single-user to enterprise and provides flexible financing options.

- Hach WIMS Multi User:

- MSSQL Express 4GB database supports up to 10 users, 10 facility databases

- MSSQL 2012 Express database support allows up to 15 users, 15 facility databases, 10 GB DB size

- MS SQL or Oracle Database support allows up to 20 users, unlimited DB Size

- Hach WIMS Enterprise custom implementation supports unlimited # of users, multiple facilities, requires MS SQL or Oracle
- Additional Concurrent Users, Facility databases, up to the supported limit, may be purchased; MS SQL/ORACLE support may also be purchased
- Hach WIMS OnLine - Software as a Service web based hosted solution: supports unlimited named users, is always the latest software, includes support. Licenses for additional named users, megabytes and facilities may be purchased.

### Hach WIMS Lab Cal Module

Hach LAB Cal is a water laboratory data management system, specifically designed for drinking water and wastewater providing easy-to-use sample scheduling and tracking tools for effective lab data management. The visual environment takes the complexity out of managing your scheduled samples. Time-saving features, familiar formats, simple workflows, and pricing that is far less than traditional LIMS systems make Hach LAB Cal a very robust and cost-effective solution.

### SCADA Interface for Hach WIMS

Interfaces are available for all water and wastewater industry SCADA systems. Hach SCADA interfaces transfer data seamlessly and automatically to Hach WIMS from your SCADA system.

### LIMS Interface for Hach WIMS

Interfaces are available for all water and wastewater industry LIMS systems. Hach LIMS interfaces transfer data seamlessly and automatically to Hach WIMS from your LIMS system.

### Hach WIMS Remote and Portable Solutions

Windows Mobile devices, tablet computers, and laptops can be used to collect, capture, and verify data at the source, allowing remote data entry into Hach WIMS.

### Hach JOB Cal®

Hach JOB Cal Basic and Hach JOB Cal Plus are easy, cost-effective maintenance scheduling solution. The software automatically builds an interactive color-coded calendar for easy management of job activities. Hach JOB Cal Plus also provides the ability to track purchasing, inventory, vendors and labor as well as display equipment drawings and pictures.

### SCADA Interface for JOB Cal®

Interfaces are available for all water and wastewater industry SCADA systems. Hach SCADA interfaces transfer equipment runtimes automatically to Hach JOB Cal from your SCADA system.

### Custom Reports for JOB Cal®

Allows development of custom reports in addition to the industry standard reports included in JOB Cal.

### Hach JOB Cal Plus Portable Software (only available with JOB Cal® Plus)

Upload Work Orders to a Windows Mobile handheld, record tasks performed, and sync to JOB Cal Plus database.

### Services

Hach offers a comprehensive set of services, such as training, programming, installation assistance, set up, configuration, and other specific customer requests to ensure successful use of Hach software.

### Training

Hach training can be provided at a Hach Facility, at the customer site, or over the web. Training sessions can be tailored for each customer or provided for multiple customers in a structure classroom environment.

## HACH COMPANY'S LICENSE AND TERMS AND CONDITIONS OF SERVICES INTEGRATED INFORMATION MANAGEMENT SOFTWARE

**ACCEPTANCE:** These Terms and Conditions are contained in Hach Company's (Hach) offer, order acknowledgment, and invoice documents. The first of the following acts shall constitute an acceptance of Hach's offer and shall not be construed as a counteroffer and shall create a binding license and service agreement ("Agreement") in accordance with these Terms and Conditions, subject to final credit approval by Hach: (i) Customer's issuance of a purchase order document against Hach's offer; (ii) acknowledgement of Customer's order by Hach; or (iii) commencement of any performance by Hach pursuant to Customer's order. Hach's commencement of work or signature on any purchase order or other form or document submitted by Customer shall constitute acknowledgment of receipt of Customer's order only, and shall not constitute Hach's assent to any terms and conditions submitted by Customer. Provisions contained in Customer's purchase documents that materially alter, add to or subtract from the provisions of these Terms and Conditions shall not be a part of the Agreement. Any objection to these Terms and Conditions must (1) be in writing, (2) list specifically each term or condition with which you disagree, and (3) indicate why you disagree with the term or condition. Customer must notify Hach in writing of objections before Customer's submission of a purchase order to Hach or Hach's commencement of work, whichever occurs first, so that Hach may have a reasonable time to address any such objections. These Terms and Conditions shall be deemed accepted in their entirety by issuance of Customer's purchase order. In the event that Customer has purchased this Software indirectly (e.g. through an authorized distributor or third party integrator), then acceptance of these Terms and Conditions shall be indicated by clicking on the acceptance criteria that allow installation.

**PRICES:** Hach's prices in effect at the time of Customer's acceptance shall apply and any different pricing indicated from any other source shall be adjusted to Hach's current pricing, except for the price of Total Startup (one-time) Charges contained in Hach's quotation, which is firm for 60 days from the date of the quotation. If transportation charges from point of origin of the shipment to a designated point are included in these prices: (a) any changes in such transportation charges shall be the Customer's responsibility, and (b) except as otherwise stated in Hach's quotation, Hach shall not be responsible for switching, spotting, handling, storage, demurrage or any other transportation or accessorial service, nor for any charges incurred therefor, unless such charges are included in the applicable freight rate from shipping point to the designated point.

**PAYMENT AND CREDIT:** Payment is due thirty (30) days from the date of invoice. Hach reserves the right to deny credit to Customer and to determine the suitability of the method of payment where payment is other than cash, certified check or money order. Hach reserves the right to revoke credit previously extended to Customer because of Customer's failure to pay for goods and/or services when due or of any other reason deemed good and sufficient by Hach, and in such event all subsequent services shall be paid for in advance or on delivery. Past due balances shall be subject to interest charges at the maximum rate permitted by law. Customer shall pay all Fees specified in US dollars.

**TAXES:** Any taxes which Hach may be required to pay or collect, under any existing or future law, upon or with respect to the license, sale, purchase, delivery, storage, processing, use or consumption of any of the material covered hereby, including taxes upon or measured by the receipts from the sale thereof, shall be paid for by Customer. Hach will collect and pay taxes when required to do so unless Customer furnishes a valid resale/exemption certificate to Hach, no later than the time of payment, relieving Hach of the requirement to collect and pay such taxes. If the certificate furnished to Hach is held invalid Customer agrees to pay the taxes (plus interest) not collected as a result of relying on Customer's invalid certificate.

**CANCELLATION:** Customer may cancel orders within 30 days of purchase subject to fair charges for expenses incurred, handling, inspection, restocking, freight and invoicing charges as applicable. Cancelled orders must be returned to Hach within 30 days at Customer's expense.

**DELAY:** Hach shall be excused for any delay in performance or delivery due to acts of God, war, riot, embargoes, acts of civil or military authorities, fire, floods, accidents, quarantine restrictions, factory conditions, strikes, labor disputes, delays in transportation, shortage of transport vehicles, labor or materials, or any circumstance or cause beyond the control of Hach in the reasonable conduct of its business. Hach further reserves the right, in its full discretion, to allocate inventories and current production and to substitute suitable materials when, in its opinion, circumstances warrant such allocation or substitution.

**INSPECTION:** Customer shall promptly inspect all software and the results of services. All claims for alleged defects in software or services are waived unless Customer notifies Hach of the claim within 30 days after receipt of software or performance of services. No claim shall be effective if made after the software or services have been altered or used. Customer shall afford Hach prompt and reasonable opportunity to inspect all software and services to which any claim is made. No returns shall be made without Hach's express consent, a return authorization and return instructions.

### SOFTWARE LICENSE, USE AND RESTRICTIONS:

**GRANT.** Subject to full payment by Customer, Hach hereby grants to Licensee, and Licensee hereby accepts, a non-exclusive, non-transferable license to use the Software solely for Licensee's own internal use in accordance with the terms and subject to the conditions of this Agreement. Licensee agrees to restrict use of the Software to the location and servers specified in the Quote. Licensee agrees that Hach may from time to time, using reasonable remote access methods agreed upon with the licensee, access information via the Software that will allow it to confirm Licensee's obligations hereunder.

**BACKUP COPY.** Licensee may only make a single copy for backup and archival purposes. Such copy of the Software shall remain the exclusive property of Hach. Licensee will include all copyright and other proprietary notices on such copy of the Software in the same manner as provided on the Software as received from Hach.

**TITLE.** Licensee acknowledges that, as between the parties, all right, title, and interest in and to the Software shall be and remain the sole property of Hach. All rights in and to any changes, revisions, improvements, or derivative works to or based upon the Software, made by Hach or any agent, affiliate or third party acting on behalf of Hach, shall be the exclusive property of Hach.

**RESERVATION OF RIGHTS.** Apart from the rights enumerated in this Section, no other rights are granted either expressly or by implication and Hach hereby expressly reserves all rights in the Software.

**RESTRICTIONS.** Customer may not copy, modify, or create a derivative work, collective work, or compilation of the software, and may not reverse engineer, decompile or otherwise attempt to extract the code of the software or any part thereof. Customer may not license, sub-license, sell, assign, sublicense, or otherwise transfer or encumber the software; may not use the software in a managed-services arrangement unless approved in advance by Hach; and may not use the software in excess of the authorized number of licensed facilities, servers and/or seats or other criteria specified in the duly authorized documentation specifying same. Customer is further prohibited from (1) attempting to use or gain unauthorized access to Hach or to any third party's networks or equipment; (2) permitting other individuals or entities to use the software or copy the software or services; (3) attempting to probe, scan, or test the vulnerability of software or a system, account, or network of Hach or any of its customers, suppliers or affiliates; (4) interfering or attempting to interfere with service to any user, host, or network; (5) engaging in fraudulent activity of any nature; (6) transmitting unsolicited bulk or commercial messages; (7) restricting, inhibiting, or otherwise interfering with the ability of any other person, regardless of intent, purpose, or knowledge, to use or enjoy the software (except for tools with safety and security functions); or (8) restricting, inhibiting, interfering with, or otherwise disrupting or causing a performance degradation to any Hach or Hach affiliate or supplier facilities used to deliver the services.

**AUDIT.** Solely for the purpose of verifying Customer's compliance with the terms of this Agreement, Customer hereby grants Hach, or an agent designated by Hach, the right to perform an audit of Customer's use of the software during normal business hours either in person or using reasonable remote access methods agreed upon with the Customer. Customer agrees to cooperate with Hach in such audit and to provide Hach with all records reasonably related to Customer's use of the Software.

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**INDEPENDENT RELATIONSHIP:** As between themselves, the parties are independent contractors with no authority to contract for or in any way to bind or to commit the other to any agreement of any kind or to assume any liabilities of any nature in the name of or on behalf of the other.


**ASSIGNMENT:** Neither this Agreement nor any license granted hereunder may be assigned by either party without the prior written consent of the other, which may be withheld for any reason or no reasons, and any such assignment is void ab initio.


**NOTICE:** Any notice given pursuant to this Agreement must be in writing and will be given by overnight courier service, personal delivery, facsimile or by United States certified mail, return receipt requested, postage prepaid, to the address appearing in Customer's purchase order in the case of notice to Customer, and to the following address in the case of notice to Hach: Hach Company, c/o IIM BU Director with cc to VP/General Counsel, 5600 Lindberg Drive, Loveland, Colorado 80538. Notice will be deemed effective on the date delivered to the addressee as confirmed by the applicable delivery service. Either party may change its address for notice purposes by giving the other party notice of such change in accordance with this Section.


**COMPLIANCE WITH LAWS:** Hach and Customer agree to comply with all laws applicable to the software and services provided hereunder. Software and technical data supplied by Hach are subject to certain export laws and regulations. Customer agrees to obtain at its own expense any import license, foreign exchange permit, or other permit or approval it may need for the performance of its obligations under this Agreement and to comply at its own expense with all applicable laws, regulations and orders of the government(s) to which its activities are subject. Customer agrees that it will, at all times, be in compliance with the United States export laws and will comply with all applicable restrictions regarding exports, re-exports and transfers, including obtaining any required U.S. or other country licenses, authorizations, or approvals. Customer further represents and warrants to Hach that Customer shall comply with all local, national, and other laws of all jurisdictions globally relating to anti-corruption, bribery, extortion, kickbacks, or similar matters which are applicable to Customer's business activities in connection with this Agreement, and that Customer will take no action that will cause Customer or Hach to violate any such laws. Customer specifically represents and warrants to Hach that Customer is familiar with the U.S. Foreign Corrupt Practices Act of 1977, as amended (the "FCPA"), and that Customer shall comply with the FCPA and will take no action that will cause Customer or Hach to violate the FCPA. Hach may terminate said Agreement immediately, if it believes, in good faith, that Customer has breached the foregoing compliance-with-law provisions of the Agreement or caused Hach to violate the FCPA or other applicable laws. Hach shall not be liable to Customer for any claim, losses, or damages related to Hach's decision to exercise its rights under this provision.

**APPLICABLE LAW AND DISPUTE RESOLUTION:** The construction, interpretation and performance hereof and all transactions hereunder shall be governed by the laws of the State of Colorado, without regard to or application of its principles or laws regarding conflicts of laws or the United Nations Convention on Contracts for the International Sale of Goods, the application of which is expressly excluded. If any provision of this Agreement is in violation of any Federal, State or local statutes or regulations of any countries having jurisdiction of this transaction, or is illegal for any reason, said provision shall be self-deleting without affecting the validity of the remaining provisions. Unless otherwise specifically agreed upon in writing between Customer and Hach, any dispute relating to this Agreement which is not resolved by the parties shall be adjudicated in order of preference (i) by a court of competent jurisdiction in the State of Colorado, U.S.A. if Customer has minimum contacts with Colorado and the United States, (ii) by a court of competent jurisdiction elsewhere in the United States if Customer has minimum contacts with the United States but not Colorado, or (iii) by a court of competent jurisdiction in a neutral location (which may at Hach's discretion exclude Customer's state of residence) if Customer does not have minimum contacts with the United States.

March 23, 2015

Prepared by: I. Swift / R. Lee 

Submitted by: P. Sheilds 

Approved by: Paul Cook 

## ACTION CALENDAR

### SAN JOAQUIN MARSH AND NATURAL TREATMENT SYSTEM FACILITIES THREE-YEAR MAINTENANCE SERVICES CONTRACT

#### SUMMARY:

Landscape and maintenance contract services are required within the San Joaquin Marsh and Natural Treatment System (NTS) to control and remove native and non-native vegetation as well as irrigation maintenance. This contract will include several new NTS sites that the District has acquired since the last three-year contract. Nineteen sites will be covered encompassing a total area of 435 acres. Staff initiated the competitive bid process in September 2014 and based on the bids received, staff recommends that the Board authorize the General Manager to execute a contract with TruGreen Landcare for \$2,003,904 for a three-year period.

#### BACKGROUND:

Five landscape maintenance companies were invited to participate in the Request for Proposal (RFP) process in September 2014 based on their experience with the District, and their experience with projects involving natural habitat restoration, especially wetlands. This included a walk-through at the San Joaquin Marsh, and three NTS sites that were typical of the system as a whole. Of these five companies, one did not participate in the walk through (Habitat Restoration Sciences); two did not respond to the RFP (Nature's Image, Valley Crest); and one submitted a "no bid" response (Nakae & Associates). Only one company, TruGreen Landcare, responded with a bid and formal proposal to provide landscaping services for the San Joaquin Marsh and NTS sites. TruGreen Landcare's proposal is attached as Exhibit "A". The current contract expired in February 2014 so that it would coincide with the District's facilities' landscape contract, and is currently on a month-to-month basis.

The previous contract, which included 12 NTS sites, totaled \$1,476,000. The new three-year contract will include 19 sites, an increase of seven compared to the previous contract, and will total \$2,003,904. NTS sites not requiring landscape maintenance and not included in this contract are Sand Canyon Reservoir, Rattlesnake Reservoir, and the Cienega filter. In addition, this new contract will include the "Tree Hill" and San Joaquin Marsh campus areas that were previously included in a contract for the Michelson Water Recycling Plant landscape maintenance. This in part accounts for an increase in cost for the contract; a corresponding decrease will be reflected in the facilities landscaping contract which previously covered these two areas. The new contract also includes provisions for the addition of new NTS sites as they are accepted by the District as well as requisite increases in staffing levels by the contractor, if required.

FISCAL IMPACTS:

Funds for this contract are included in the Fiscal Year 2014/15 Operating Budget.

ENVIRONMENTAL COMPLIANCE:

The landscape maintenance activities performed under this contract will be in accordance with provisions of the San Joaquin Marsh Enhancement Plan Environmental Impact Report (EIR) and the NTS Master Plan EIR.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT WITH TRUGREEN LANDCARE IN THE AMOUNT OF \$2,003,904 FOR LANDSCAPE MAINTENANCE CONTRACT SERVICES FOR A THREE-YEAR TERM.

LIST OF EXHIBITS:

Exhibit "A" – TruGreen Landcare Landscape Maintenance Proposal

## EXHIBIT "A"

# TRUGREEN LandCare<sup>SM</sup>

Wednesday, November 12, 2014

Irvine Ranch Water District  
15600 Sand Canyon Ave  
Irvine, CA 92619

We are pleased to provide **Irvine Ranch Water District** with TruGreen LandCare's Landscape Maintenance Proposal for **San Joaquin Marsh and Natural Treatment Systems**.

In 1998, TruGreen began building its reputation as a national leader in the landscaping industry by acquiring several premier landscape companies throughout the United States. With the purchase of LandCare USA in 1999, the company became known as TruGreen LandCare. Today, we have 77 local branches in 50 major metropolitan communities throughout the country, providing nationwide reach as well as personal, customized care on a local level.


Our commitment to highly professional service and streamlined account management ensures that customers have the convenience of a single source provider for all their landscape and tree care needs. Wide-ranging employee expertise and resources make us a full-service vendor that can offer you appealing, cost-effective solutions.

In the following pages you will learn that TruGreen LandCare is a healthy organization with strength in resources and services. Our service commitment simplifies the decision-making process between a performance driven company and a company that sells labor hours. We are interested in being a partner rather than just a vendor, and strive to be proactive and take ownership in the properties we service. We intend to make every effort possible to exceed your customer service and work quality expectations.

TruGreen LandCare, has read the RFP, understands the work to be performed and has over 14 years experience working with IRWD, performing duties outlined in the scope of work.

Management Contact: Kenny Stites, Branch Manager 714-493-1342  
Project Manager: Alfredo Jimenez, 714-493-2400

Respectfully,

  
Kenny Stites  
Branch Manager



**IRVINE RANCH WATER DISTRICT** 15600 Sand Canyon Ave., P.O. Box 57000, Irvine, CA 92619-7000 (949) 453-5300

## REQUEST FOR PROPOSAL

### San Joaquin Marsh & Natural Treatment System Landscape Maintenance

Date: October 29, 2014  
Michelson Operations Center  
3512 Michelson Drive  
Irvine, CA 92612

**DUE BY: November 13, 2014**  
**Electronic Bid: 2:00 PM**  
**Four Hard Copy Bids: 3:00 PM**

#### **Project: San Joaquin Marsh & Natural Treatment System Landscape Maintenance**

The Irvine Ranch Water District (IRWD or the District) invites your firm to submit a proposal to complete the project herein described. The bid is to include all labor, material, equipment, traffic control and insurance costs required for the project. The bid shall be a lump sum total and individual line items that includes all work described in the scope of work.

The following information is provided for guidance in preparing your proposal:

#### **I. PROJECT DESCRIPTION AND BACKGROUND INFORMATION**

Established in 1961 as a California Water District, IRWD provides drinking water, sewage collection and treatment, recycled water, and urban runoff treatment to over 330,000 residents of Central Orange County, California. IRWD encompasses nearly 181 square miles extending from the Pacific coast to the foothills and has more than 102,000 domestic and recycled water connections. The District serves the City of Irvine and portions of the Cities of Costa Mesa, Lake Forest, Newport Beach, Tustin, Santa Ana, the city of Orange and unincorporated Orange County.

In 1997, IRWD established the San Joaquin Marsh and Wildlife Sanctuary (SJM), an approximately 240 acre freshwater marsh and upland riparian habitat adjacent to its Michelson Water Recycling Plant. The SJM serves three primary functions: to treat and remove pollutants from urban runoff in the San Diego Creek Watershed; to provide

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mitigation habitat for wildlife and habitats impacted by development in Irvine; and to provide recreational opportunities for the public.

Following the success of the SJM, IRWD developed the Natural Treatment System (NTS) in 2005. The NTS uses the concept of the SJM and establishes small treatment wetlands throughout the San Diego Creek Watershed to remove pollutants on a regional basis. The NTS currently has 18 sites, however, the system is growing and additional sites will be added each year in the foreseeable future.

## II. SCOPE OF WORK

In general, the contractor shall maintain the SJM and NTS sites in good order, free from trash and debris; maintain all vegetation in an aesthetically pleasing manner, away from roads, trails, and structures; and ensure that all irrigation is functioning properly. The following scope will outline in further detail what specifically IRWD will look for in achieving this scope. These specific details are used as guidelines only, and are not intended to be inclusive of all work expected to be performed.

### **General Provisions**

All work must be in accordance with IRWD's "Landscape Maintenance Specifications", which is attached to this document.

All invoicing shall include at a minimum: Contract name – NTS Site Facilities, PO number, date of services performed, location(s) of work area, daily worksheets, and cost/description breakdowns (labor/materials/chemicals etc.). The project manager for this contract is Ian Swift, 949-433-5837.

Your proposal must include the following sites: 1) Quail Springs, 33.5 Shady Canyon Drive, Irvine (475,370 sf); 2) Quail Meadow, No address (behind Quail Hill shopping center) (223,300 sf); 3) Old Laguna, 16585.5 Laguna Canyon Road, Irvine (130,730 sf); 4) Turtle Ridge, 157.5 Shady Canyon, Irvine (83,490 sf); 5) Lower Eastfoot, 3361.5 Settlers, Irvine (60,630 sf); 6) Forge Meadow, 3801.5 Portola Parkway, Irvine (130,980 sf); 7) Port Culver, 4201.75 Portola Parkway, Irvine (76,840 sf); 8) Orchard Meadow, 12401.75 Orchard Hills, Irvine (100,120 sf); 9) El Modena, 382 South Hewes, Orange; 10) Woodbridge (April through September only), No address (between Jeffrey and Creek Road) (397,250 sf); 11) Trabuco, 13952.5 Jeffrey Road, Irvine (811,290 sf); 12) Marshburn, On Irvine Blvd btw Ridge Valley & Lambert (536,130 sf); 13) Cypress Meadow A, 14442 Visions, Irvine (273,350 sf); 14) Cypress Meadow B, 14605.5 Tulip, Irvine (105,260 sf); 15) Cypress Meadow C, 14605.5 Tulip, Irvine (117,200 sf); 16) Los Olivos Meadow, 1200 Dana, Irvine (155,850 sf); 17) Laguna Altura North, 81 Borghese, Irvine (40,140 sf); 18) Laguna Altura South, 21 Romano, Irvine (33,780 sf); and 19) San Joaquin Marsh, 5 Riparian View Drive, Irvine (16,325,000 sf). Additional sites will be added, during the contract period, and IRWD and the contractor will mutually agree in writing on future costs for landscape maintenance of these sites. Also, provisions on labor requirements outlined in section 15 of the "Landscape Maintenance Specifications" apply to additional sites.

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Special restrictions to access the SJM and NTS sites between March 15 to September 15 are in place to avoid impacts to any federally listed endangered species, or other migratory birds which are known to utilize habitat in IRWD project sites will be in effect. Any vegetation removal or earthwork between March 15 and September 15 in the vicinity of existing habitat will require the contractor to notify IRWD, and such work must be monitored by a qualified biologist. This monitor shall have the authority to stop or otherwise divert work to avoid impacts as necessary. The Contractor shall not resume work until approval by an IRWD Representative is given.

All NTS sites must be visited a minimum of 1x/week with a minimum 4 person crew as outlined in Section 15. During each visit, crews must: 1) pick up and dispose of all trash at the site (either on ground or in trash cans, replacing these with new liners); 2) remove or apply herbicide to non-native plant species; 3) trim vegetation from all trails, roads, and other structures including, but not limited to: pipes, irrigation boxes and heads, electrical boxes, bird boxes, signs, ditches, well heads, fences; weir structures, sampler enclosures, etc. to a minimum of two feet; 4) remove all woody vegetation growing at the basin bottom (species such as willows, mulefat, cottonwood trees, etc); 5) keep all weir structures free of debris, dispose of debris, and maintain all inlet and outlets free of sediment and debris. The Contractor will perform monthly preventative maintenance (PM) on the irrigation systems at each NTS site as outlined in Section 6, and repair and maintain the irrigation system as outline in this section. The contractor will also perform a major trimming of all vegetation at each site (including aquatic vegetation) each year at the direction of the project manager.

## **Special Provisions**

### **El Modena**

Inlet and outlet structures to be clear of all vegetation and trash for 10' around each structure 1 x a week or after rain event; Cattails (*Typha* sp.) – void in basin; Sedge (*Scripus* sp.) and other approved aquatic vegetation to be maintained at 4' width around margin of ponds with the exception of spaces delineated by NTS staff; Aquatic vegetation to be thinned of algac, mosquito fern and other floating vegetation so as to not exceed 60% of pond during July through September two times a month or as needed; Clean kiosk window of all debris.

### **Woodbridge**

This site is operated from April through September only. Weir board installation – Install weir boards at each of the three sites- 6 weir boards on the northern structures and 5 weir boards on the southern side (total 33 weir boards); Weir board removal – Starting in September remove 1 weir board at each weir structure per week (must be completed prior to October 1<sup>st</sup>).

### **Old Laguna**

Keep Inlet channel shaped up to direct flow into inlet pond as needed; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Cattails (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other

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approved aquatic vegetation, and then with a 20' section of bare channel, continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of ponds with the exception of spaces delineated by NTS staff. Weir structures to be cleared of all vegetation, sediment, and trash; Slope maintenance- Trim vegetation along sidewalk on Laguna Canyon Rd 2' away from side walk edge and gravel road edge on bottom of slope, and remove non natives from slope.

### **Quail Springs**

Outlet and Inlet structure to be cleaned for sediment, trash, and vegetation after rain event; Keep Inlet channel shaped up to direct flow into west or east stream 1 x a week or as needed; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Cattails (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other approved aquatic vegetation, and then with a 20' section of open space continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of ponds with the exception of spaces delineated by NTS staff; Aquatic vegetation to be thinned out of algae, mosquito fern and other floating vegetation as to not exceed 60% of pond in July through September two times a month or as needed; Gabion area – No Vegetation; Weir structures to be cleared of all vegetation, sediment, and trash for a 15' section on upstream and down side of structures; Clean kiosk window of all debris.

### **Cypress Meadow A, B, & C**

Outlet and Inlet structures to be cleaned for sediment, trash, and vegetation after rain event; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Cattails (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other approved aquatic vegetation, and then with a 20' section of open space continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of pond with the exception of spaces delineated by NTS staff; Minor trim of all trees 1 x a year; Roses and or other vegetation along cable fencing to be trimmed and shaped as needed; Roses and or other vegetation along cable fencing to be fertilized as needed; Application of pesticides to Roses as needed; Weir structures to be cleared of all vegetation, sediment, and trash.

### **Laguna Altura North & South**

Outlet and Inlet structure to be cleaned for sediment, trash, and vegetation after rain event; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Bulrush (*Scirpus* sp.) and other approved aquatic vegetation in channels to have a 20' section of aquatic vegetation with a 20' section void of vegetation, continuing this pattern throughout all channels; Cattails (*Typha* sp.) – void in basin; Aquatic vegetation to be thinned out of algae, mosquito fern and other floating vegetation as to not exceed 60% of basin from July through September two times a month or as needed; Clean kiosk window of all debris; Roses

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and or other vegetation along cable fencing to be trimmed and shaped as needed; Roses and or other vegetation along cable fencing to be fertilized as needed; Application of pesticides to Roses as needed.

#### **Los Olivos**

Outlet and Inlet structures to be cleaned for sediment, trash, and vegetation after rain event; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Cattails (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other approved aquatic vegetation and then with a 20' section of open space continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of pond with the exception of spaces delineated by NTS staff; Aquatic vegetation to be thinned out of algae, mosquito fern and other floating vegetation as to not exceed 60% of basin from July through September two times a month or as needed; Clean kiosk window of all debris; Roses and or other vegetation along cable fencing to be trimmed and shaped as needed; Roses and or other vegetation along cable fencing to be fertilized as needed; Application of pesticides to Roses as needed.

#### **Marshburn & Trabuco**

Outlet, intermediate, and Inlet structures to be cleaned of sediment and vegetation after rain event; Keep Inlet channel 101 to direct flow into inlet v-ditch as needed with sandbags and visqueen also to prevent water from flowing through main spillway onto basin (Marshburn only); Inlet, intermediate, and outlet structures to be clear of all vegetation for 10' around each structure; Native and non native plant removal- only remove large, woody non-native species from basin (below NTS elevation/boundary mark); (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other approved aquatic vegetation and then with a 20' section of open space continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of pond with the exception of spaces delineated by NTS staff; Aquatic vegetation to be thinned out of algae, mosquito fern and other floating vegetation as to not exceed 60% of basin from July through September two times a month or as needed; Major trimming/mowing of basin bottom 1 x a year (In October with laser mower); All structures, roads, road edges, & v-ditches – Clear of vegetation for a minimum of 2' of perimeter (below NTS elevation/boundary mark); Weir structures to be cleared of all vegetation, sediment, and trash; Keep overflow structure clear of debris in order to prevent blockage; Inlet apron clear of all vegetation; Maintain concrete walkways clear of vegetation and debris to concrete edge.

#### **Lower Eastfoot, Forge Meadow, Port Culver, Orchard Meadow**

Outlet and Inlet structures to be cleaned for sediment, trash, and vegetation after rain event; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Cattails (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other approved aquatic vegetation and then with a 20' section

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of open space continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of pond with the exception of spaces delineated by NTS staff; Aquatic vegetation to be thinned out of algae, mosquito fern and other floating vegetation as to not exceed 60% of basin from July through September two times a month or as needed; Clean kiosk window of all debris; Roses and or other vegetation along cable fencing to be trimmed and shaped as needed; Roses and or other vegetation along cable fencing to be fertilized as needed; Application of pesticides to Roses as needed.

### **Turtle Ridge**

Outlet and Inlet structures to be cleaned for sediment, trash, and vegetation after rain event; Change trash can liners as needed; Inlet and outlet structures to be clear of all vegetation for 10' around each structure; Cattails (*Typha* sp.) – void in basin; Channels to be maintained with a 20' section of Bulrush/sedge or other approved aquatic vegetation and then with a 20' section of open space continuing this pattern throughout channels; Sedge and other approved aquatic vegetation to be maintained with spacing of 4' width around margin of pond with the exception of spaces delineated by NTS staff; Aquatic vegetation to be thinned out of algae, mosquito fern and other floating vegetation as to not exceed 60% of basin from July through September two times a month or as needed; Clean kiosk window of all debris; Clean kiosk of all debris; Maintain 50' buffer of mulch around site.

### **San Joaquin Marsh (SJM)**

The area of responsibility will include all of the SJM including the area known as Tree Hill, and the landscaping around Marsh Campus houses. The only area excluded from this portion of the contract will be the area inside the Michelson Plant. The Marsh Campus will be maintained in accordance with Section 1 of the Landscape Specifications.

The SJM must be staffed with a minimum crew of 8, including a foreman, for five days per week during the hours specified above, and as specified in Section 15. Each week, crews will focus on a certain subset of the SJM, which they will have previously outlined with the project manager during the prior week. In these sub-work areas, crews must: 1) pick up and dispose of all trash at the site (either on ground or in trash cans, replacing these with new liners); 2) remove or apply herbicide to non-native plant species; 3) trim vegetation from all trails, roads, and other structures including, but not limited to: pipes, irrigation boxes and heads, electrical boxes, bird boxes, signs, ditches, well heads, fences; weir structures, sampler enclosures, etc. to a minimum of two feet; 4) keep all weir structures free of debris, dispose of debris, and maintain all inlet and outlets free of sediment and debris. The Contractor will perform monthly preventative maintenance (PM) on the irrigation systems at the SJM as outlined in Section 6, and repair and maintain the irrigation system as outline in this section. The contractor will also perform

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a major trimming of all vegetation at each site (including aquatic vegetation) each year at the direction of the project manager.

Keep all streams and channels clear of all debris and non-woody vegetation to a width of 6', and all woody vegetation to a width of 8', and to a height of 10'; remove all vegetation from Ponds D & E, with the exception of a 10' wide bulrush buffer around Pond D 1x per year as directed by project manager; Keep all benches and kiosks clean, free of debris, and stocked with maps and brochures (to be provided); Keep all viewing areas trimmed down below 2' for public viewing (this includes an area 30' out from either side); Fill in any cracks, potholes, or other obstructions in roads/trails as they occur with soil/gravel/DG as appropriate; All vegetation trimmed from the Marsh must be dried and hauled off; alternatively, the contractor may experiment with drying and placing the vegetation in the development sites around the Marsh to reduce environmental impacts from greenwaste; Keep all ponds, channels and other wetland areas void of cattails; For Tree Hill area, keep vegetation trimmed up to avoid densely vegetated areas.

### III. SAFETY AND REGULATORY REQUIREMENTS

Safety shall be of the utmost importance at all times. The contractor shall safeguard all District, and contractor personnel, during the progress of the work by providing barricades, flagmen, traffic control and appropriate warning signs as required. Any equipment (such as tractors) shall be of the proper size necessary to safely accomplish the task.

Contractor and his personnel shall be required to follow all IRWD rules, regulations and procedures as listed in the Emergency Evacuation Plans. These include but are not limited to speed limits. In the event of an emergency the contractor and his personnel shall follow evacuation procedures in the Emergency Evacuation Plans. Contractor shall be held responsible for all such training of his personnel.

**The contractor shall provide proof to the District's representative, that they, the contractor have in place all safety programs that are required by the state and federal agencies.** The contractor must also prove that his personnel have been trained in these programs, by providing the District with training documentation. The contractor will be required to provide to the District's representative a copy of the **Material Safety Data Sheets** for all chemicals that are brought on site. No hazardous materials will be approved for use or permitted in the building or at the job site. Work areas must be cleaned up at the end of each shift, and no storage of material or equipment will be allowed in the building. All trash and spent materials are to be disposed of off site and in compliance with state and federal regulations. All washing and cleaning of contractor equipment must be done off site. The Contractor shall protect all surfaces during refueling or other maintenance activities.

The contractor shall perform all work during IRWD's regular business hours of 6:30 am to 4:00 pm, Monday through Thursday, and 6:30 am to 3:00 pm on Friday unless other arrangements are made with IRWD's agent.

### IV. QUALITY CONTROL

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All work shall be done by experienced and qualified personnel in accordance with the written request for proposal. The contractor will be responsible for quality control of his employee's actions and the finished product. The District reserves the right to reject any and all work that it feels is defective and may require the contractor to repair or replace such work, at no extra cost to the District.

Termination of contract will occur if the RFP, IRWD "Landscape Maintenance Specifications", General or Special Provisions, and/or the quality of work IRWD expects becomes substandard.

## V. PROPOSAL CONTENTS

The proposal shall include at a minimum:

- Work schedule and time line.
- Total bid price to include, labor, material, equipment, insurance, and total cost for each site. **Labor must be based on prevailing wage standard for each work task being performed.**
- License number for the following: Contractor License, Pest Control Business License, Agricultural Pest Control Advisor License and Categories, Qualified Applicator License and Categories
- A **detailed description** of all work to be performed, including the site name and a breakdown of the contract cost in total, and for each site listed in the General Provisions section.
- Contactor should provide the name, address, phone number, and email of three clients for which the contractor has performed work similar to that outlined in the "Scope of Work", which shall include revegetation of natural habitats, with a focus on wetlands; work in environmentally sensitive areas occupied by endangered species; and work where the contactor eradicated noxious weeds, and had to distinguish them among native species of plants.
- Contactor must provide the information listed in Section 14 of the "Landscape Maintenance Specifications"

Please note that IRWD may conduct interviews with each contractor's proposed team and may contact recent clients. Selection of the consultant will generally be based on the proposal contents, prior experience of the firm, and specific experience and capabilities of the designated project team and staff. The contractor must be fully capable in all areas outlined under the scope of work. The contractor selected must be able to begin work immediately upon award of contract and must be able to maintain the level of effort required to meet the proposed schedule.

This request does not commit IRWD to retain any consultants, to pay costs incurred in the preparation of proposals, or to proceed with the project. IRWD reserves the right to reject any or all proposals, to negotiate with any qualified applicant, and to appoint more than one contractor to provide services on given portions of the project.

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# Year 1

## BID SHEET

<u>Site Name</u>	<u>Sq Feet</u>	<u>Bid Amount</u>
Cypress Meadow A	273,350	<u>25,920.00</u>
Cypress Meadow B	105,260	<u>15,856.32</u>
Cypress Meadow C	117,200	<u>21,380.52</u>
El Modena	73,450	<u>11,058.96</u>
Forge Meadow	130,980	<u>12,156.00</u>
Laguna Altura North	40,140	<u>4,884.00</u>
Laguna Altura South	33,780	<u>3,744.00</u>
Los Olivos	155,850	<u>15,108.00</u>
Lower Eastfoot	60,630	<u>12,156.00</u>
Marshburn	536,130	<u>48,378.36</u>
Old Laguna	130,730	<u>11,256.72</u>
Orchard Meadow	100,120	<u>12,156.00</u>
Port Culver Meadow	76,840	<u>5,580.00</u>
Quail Meadows	223,300	<u>4,925.64</u>
Quail Springs	475,370	<u>45,233.28</u>
San Joaquin Marsh North Half	6,125,000	<u>116,235.00</u>
San Joaquin Marsh South Half	10,200,000	<u>198,434.20</u>
Trabuco	811,290	<u>80,450.40</u>
Turtle Ridge	83,490	<u>10,454.28</u>
Woodbridge	397,250	<u>11,994.36</u>
<b><u>TOTAL LUMP SUM TOTAL (Year 1)</u></b>		<u><b>\$ 1,067,968.00</b></u>

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# Year 2

## BID SHEET

<u>Site Name</u>	<u>Sq Feet</u>	<u>Bid Amount</u>
Cypress Meadow A	273,350	<u>25,920.00</u>
Cypress Meadow B	105,260	<u>15,856.32</u>
Cypress Meadow C	117,200	<u>21,386.52</u>
El Modena	73,450	<u>11,058.96</u>
Forge Meadow	130,980	<u>12,156.00</u>
Laguna Altura North	40,140	<u>4,884.00</u>
Laguna Altura South	33,780	<u>3,744.00</u>
Los Olivos	155,850	<u>15,108.00</u>
Lower Eastfoot	60,630	<u>12,156.00</u>
Marshburn	536,130	<u>48,378.36</u>
Old Laguna	130,730	<u>11,256.72</u>
Orchard Meadow	100,120	<u>12,156.00</u>
Port Culver Meadow	76,840	<u>5,680.00</u>
Quail Meadows	223,300	<u>4,925.64</u>
Quail Springs	475,370	<u>45,233.28</u>
San Joaquin Marsh North Half	6,125,000	<u>110,235.00</u>
San Joaquin Marsh South Half	10,200,000	<u>198,434.20</u>
Trabuco	811,290	<u>80,450.40</u>
Turtle Ridge	83,490	<u>10,454.28</u>
Woodbridge	397,250	<u>11,994.36</u>
<u>TOTAL LUMP SUM TOTAL (Year 2)</u>		<u>\$467,968.00</u>

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# Year 3

## BID SHEET

<u>Site Name</u>	<u>Sq Feet</u>	<u>Bid Amount</u>
Cypress Meadow A	273,350	<u>25,920.00</u>
Cypress Meadow B	105,260	<u>15,856.32</u>
Cypress Meadow C	117,200	<u>21,386.52</u>
El Modena	73,450	<u>11,058.94</u>
Forge Meadow	130,980	<u>12,156.00</u>
Laguna Altura North	40,140	<u>4,884.00</u>
Laguna Altura South	33,780	<u>3,744.00</u>
Los Olivos	155,850	<u>15,108.00</u>
Lower Eastfoot	60,630	<u>12,156.00</u>
Marshburn	536,130	<u>48,378.36</u>
Old Laguna	130,730	<u>11,256.72</u>
Orchard Meadow	100,120	<u>12,156.00</u>
Port Culver Meadow	76,840	<u>5,580.00</u>
Quail Meadows	223,300	<u>4,925.64</u>
Quail Springs	475,370	<u>45,233.28</u>
San Joaquin Marsh North Half	6,125,000	<u>116,235.00</u>
San Joaquin Marsh South Half	10,200,000	<u>198,434.20</u>
Trabuco	811,290	<u>80,450.40</u>
Turtle Ridge	83,490	<u>10,454.28</u>
Woodbridge	397,250	<u>11,994.36</u>
<b><u>TOTAL LUMP SUM TOTAL (Year 3)</u></b>		<b><u>\$ 667,968.00</u></b>

Total Lump sum bid for three years of service at all sites

\$ 2,003,904.00

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BID SHEET (Remedial Work Unit Prices)

	<u>Bid</u> <u>Amount</u>
<u>Plant Material</u>	
10 yard mulch	<u>250.00</u>
100 yard mulch	<u>2500.00</u>
1000 yard mulch	<u>20,000.00</u>
1 one gallon plant	<u>8.50</u>
1 five gallon plant	<u>24.00</u>
1 fifteen gallon plant	<u>80.00</u>
1 - 24" boxed tree	<u>250.00</u>
1 - 36" boxed tree	<u>850.00</u>
1 - 48" boxed tree	<u>1,650.00</u>
2 lodge pole tree steaks (3" dia.) including tree ties	<u>21.00</u>
 <u>Irrigation Equipment</u>	
1 - inch remote control valve (Rain Bird - brass)	<u>180.00</u>
2 - inch remote control valve (Rain Bird - brass)	<u>310.00</u>
1 Shut off coupling	<u>180.00</u>
1 - inch ball valve	<u>975.00</u>
2 - inch master valve (Rain Bird - brass)	<u>975.00</u>
1 - inch flow meter	<u>720.00</u>
(Calsense FM series)	<u>950.00</u>
2 - inch pressure regulator	<u>720.00</u>
Inline flow sensor	
 <u>Labor Cost</u>	
1 hour labor for maintenance worker	<u>23.00</u>
1 hour labor for lead worker/foreman	<u>27.00</u>
1 hour labor for supervisor	<u>35.00</u>
1 hour labor for irrigation technician	<u>40.00</u>
1 hour labor for irrigation specialist	<u>42.00</u>
1 hour labor for applicator	<u>38.00</u>
 <u>Margin</u>	
Materials Retail Markup	<u>30 %</u>

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**Bid Submitted by:**

Company: TRUGREEN HANDCARE  
(Print)

Name: KEANLY OTTIE  
(Print)

Date: 11.17.14

Name: [Signature]  
(Signature)

Title: Branch Manager  
(Print)

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March 23, 2015

Prepared by: J. Dayer/K. Drake *jad KD*

Submitted by: P. Sheilds *(PS)*

Approved by: Paul Cook *P. Cook*

**ACTION CALENDAR**

**LANDSCAPE AND IRRIGATION CONTRACT THREE-YEAR AWARD**

**SUMMARY:**

The landscape and irrigation contracts for the District's properties expired on October 31, 2014 and have been extended on a month-to-month basis until new contracts are awarded. Staff recommends that the Board authorize the General Manager to award three-year landscape and irrigation contracts to Tropical Plaza Nursery, Inc. for \$916,956, and Marina Landscape, Inc. for \$221,502 respectively.

**BACKGROUND:**

Staff circulated a request for proposal to five contractors to solicit bids for landscape and irrigation maintenance services at 146 district owned sites divided into seven geographical areas. Bids were received from four of the five contractors: Tropical Plaza Nursery, Inc, Marina Landscape, Inc., Mariposa Landscapes, Inc., and TruGreen LandCare, Inc. The bid results are attached as "Exhibit A".

**Contractor Selection:**

Each contractor was required to submit seven separate bids, one for each geographical area. Each bid has been evaluated using following criteria and weight:

Proposed Cost	40%
Qualifications and Experience	30%
Technical Requirements	20%
Method of Approach	10%

The most qualified bidder using the above criteria has been selected for each geographical area. The bid evaluation matrix is attached as "Exhibit B". This bidding and award process has resulted in an overall cost savings of \$114,573 by awarding the work to the most qualified bidder in each geographic area rather than to the single lowest overall bidder. Each contractor is either currently performing satisfactory work for the District, or has provided references that rendered positive reviews of their performance.

The total amount for the two three-year contracts is \$1,138,458, an increase of \$4,015 or less than a one percent over the previous contracts.

**FISCAL IMPACTS:**

Sufficient funds for the first three months of the initial year of the contracts were included in the approved Fiscal Year 2014-15 Operating Budget. Funds will be budgeted for the remainder of the three-year contracts through the District's budget process.

ENVIRONMENTAL COMPLIANCE:

This activity is not subject to the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15060 (c)(1) Preliminary Review. An activity is not subject to CEQA if the activity will not result in a direct reasonably foreseeable indirect physical change to the environment.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE THREE YEAR LANDSCAPE AND IRRIGATION MAINTENANCE CONTRACTS WITH TROPICAL PLAZA NURSERY, INC. FOR \$916,956, AND MARINA LANDSCAPE, INC. FOR \$221,502.

LIST OF EXHIBITS:

Exhibit "A" – Landscape and Irrigation Maintenance Contract Three-Year Bid Summary  
Exhibit "B" – Landscape and Irrigation Maintenance Contract Three-Year Bid Evaluation Matrix

**EXHIBIT "A"**

**Landscape and Irrigation Maintenance Contract Three-Year Bid Summary**

**Summary of Responses**

	Marina Landscape	Mariposa Landscapes	Tropical Plaza Nursery	Trugreen LandCare
Area 1	\$180,643.68	\$367,992.00	\$185,904.00	\$400,248.00
Area 2	\$243,721.44	\$293,904.00	\$103,248.00	\$249,336.00
Area 3	\$146,951.28	\$239,544.00	\$112,608.00	\$250,128.00
Area 4	\$164,155.68	\$560,628.00	\$269,100.00	\$489,852.00
Area 5	\$200,715.48	\$518,544.00	\$313,992.00	\$334,548.00
Area 6	\$259,497.00	\$320,760.00	\$201,204.00	\$400,788.00
Area 7	\$57,345.84	\$236,484.00	\$57,960.00	\$161,208.00
<b>3-Year Lump-Sum Bid</b>	<b>\$1,253,030.40</b>	<b>\$2,537,856.00</b>	<b>\$1,244,016.00</b>	<b>\$2,286,108.00</b>

**Summary of Proposed Awards**

Area 1	\$185,904.00	Tropical Plaza
Area 2	\$103,248.00	Tropical Plaza
Area 3	\$112,608.00	Tropical Plaza
Area 4	\$164,155.68	Marina Landscape
Area 5	\$313,992.00	Tropical Plaza Nursery
Area 6	\$201,204.00	Tropical Plaza Nursery
Area 7	\$57,345.84	Marina Landscape

**Summary of Contract**

<b>3-Year Lump Sum Award</b>	<b>\$1,138,457.52</b>	<b>Annual Award</b>	<b>\$379,485.84</b>
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**EXHIBIT "B"**

**Landscape and Irrigation Maintenance Contract Three-Year Bid Evaluation Matrix**

Results of Evaluation:	Area 1											
	Marina			Mariposa Landscapes			Tropical Plaza			TruGreen LandCare		
<b>Cost Proposal /Hours</b>	180,643.68			367,992.00			185,904.00			400,248.00		
Evaluators	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	10	10		6	7		10	10		8	7	
B. Qualifications & Experience (30)	20	15		15	20		30	30		20	20	
C. Technical Requirements (20)	19	20		19	19		20	20		16	18	
E. Proposed Costs (40)	40	40		20	20		30	30		10	10	
Sum of Proposal Ratings	89	85		60	66		90	90		54	55	
Ranking	2	2		3	3		1	1		4	4	
Written Sum of Ranking	4			6			2			8		

Results of Evaluation:	Area 2											
	Marina			Mariposa Landscapes			Tropical Plaza			TruGreen LandCare		
<b>Cost Proposal /Hours</b>	243,721.44			293,904.00			103,248.00			249,336.00		
Evaluators	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	8	10		7	8		10	10		8	9	
B. Qualifications & Experience (30)	20	20		15	15		30	30		20	20	
C. Technical Requirements (20)	19	19		19	19		20	20		16	17	
E. Proposed Costs (40)	30	30		10	10		40	40		20	20	
Sum of Proposal Ratings	77	79		51	52		100	100		64	66	
Ranking	2	2		4	4		1	1		3	3	
Written Sum of Ranking	4			8			2			6		

Results of Evaluation:	Area 3											
	Marina			Mariposa Landscapes			Tropical Plaza			TruGreen LandCare		
<b>Cost Proposal /Hours</b>	146,951.28			239,544.00			112,608.00			250,128.00		
Evaluators	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	6	10		6	8		10	10		8	8	
B. Qualifications & Experience (30)	20	30		15	15		30	30		20	20	
C. Technical Requirements (20)	19	20		19	20		20	20		16	16	
E. Proposed Costs (40)	30	30		20	20		40	40		10	10	
Sum of Proposal Ratings	75	90		60	63		100	100		54	54	
Ranking	2	2		3	3		1	1		4	4	
Written Sum of Ranking	4			6			2			8		



**EXHIBIT "B"**

<b>Results of Evaluation:</b>	<b>Area 4</b>											
	<b>Marina</b>			<b>Mariposa Landscapes</b>			<b>Tropical Plaza</b>			<b>TruGreen LandCare</b>		
<b>Cost Proposal /Hours</b>	164,155.68			560,628.00			269,100.00			489,852.00		
Evaluators	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	7	6		8	9		5	4		7	6	
B. Qualifications & Experience (30)	20	20		20	20		30	30		20	20	
C. Technical Requirements (20)	20	20		19	17		20	20		16	16	
E. Proposed Costs (40)	40	40		10	10		30	30		20	20	
Sum of Proposal Ratings	87	86		57	56		85	84		63	62	
Ranking	1	1		4	4		2	2		3	3	
Written Sum of Ranking	2			8			4			6		

<b>Results of Evaluation:</b>	<b>Area 5</b>											
	<b>Marina</b>			<b>Mariposa Landscapes</b>			<b>Tropical Plaza</b>			<b>TruGreen LandCare</b>		
<b>Cost Proposal /Hours</b>	200,715.48			518,544.00			313,992.00			334,548.00		
Evaluators	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	4	2		7	10		10	10		7	5	
B. Qualifications & Experience (30)	20	20		20	20		30	30		20	20	
C. Technical Requirements (20)	18	19		19	20		20	20		16	12	
E. Proposed Costs (40)	40	40		10	10		30	30		20	20	
Sum of Proposal Ratings	82	81		56	60		90	90		63	57	
Ranking	2	2		4	3		1	1		3	4	
Written Sum of Ranking	4			7			2			7		

<b>Results of Evaluation:</b>	<b>Area 6</b>											
	<b>Marina</b>			<b>Mariposa Landscapes</b>			<b>Tropical Plaza</b>			<b>TruGreen LandCare</b>		
<b>Cost Proposal /Hours</b>	259,497.00			320,760.00			201,204.00			400,788.00		
Evaluators	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	7	8		6	6		10	10		6	8	
B. Qualifications & Experience (30)	20	20		20	19		30	30		20	20	
C. Technical Requirements (20)	19	20		19	20		20	20		16	19	
E. Proposed Costs (40)	30	30		20	20		40	40		10	10	
Sum of Proposal Ratings	76	78		65	65		100	100		52	57	
Ranking	2	2		3	3		1	1		4	4	
Written Sum of Ranking	4			6			2			8		

**EXHIBIT "B"**

<b>Results of Evaluation:</b>	<b>Area 7</b>											
	<b>Marina</b>			<b>Mariposa Landscapes</b>			<b>Tropical Plaza</b>			<b>TruGreen LandCare</b>		
<b>Cost Proposal /Hours</b>	57,345.84			236,484.00			57,960.00			161,208.00		
<b>Evaluators</b>	1	2	3	1	2	3	1	2	3	1	2	3
A. Method of Approach (10)	9	10		7	8		8	8		6	8	
B. Qualifications & Experience (30)	20	20		15	20		30	30		20	20	
C. Technical Requirements (20)	20	20		19	18		20	20		16	16	
E. Proposed Costs (40)	40	40		10	10		30	30		20	20	
<b>Sum of Proposal Ratings</b>	89	90		51	56		88	88		62	64	
<b>Ranking</b>	1	1		4	4		2	2		3	3	
<b>Written Sum of Ranking</b>	2			8			4			6		

March 23, 2015

Prepared by: S. Malloy

Submitted by: K. Burton *K.B.*

Approved by: Paul Cook */ Paul Cook*

## ACTION CALENDAR

### MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES CONTRACT CHANGE ORDER

#### SUMMARY:

Filanc/Balfour-Beatty (FBB) is constructing the Michelson Water Recycling Plant (MWRP) Biosolids and Energy Recovery Facilities (Biosolids Project). Contract Change Order (CCO) No. 25 is to provide lightning protection for each of the methane digesters and to install two deflagration quench tubes outside of the dryer room of the Solids Handling Facility. Staff recommends the Board approve CCO No. 25 in the amount of \$280,575.97 with FBB for the MWRP Biosolids and Energy Recovery Facilities.

#### BACKGROUND:

Construction of the Biosolids Project was awarded to FBB in March 2013 in the amount of \$163,513,307. The Biosolids Project will provide biosolids digestion, dewatering, energy production, and on-site sludge drying. The project includes excavation for subsurface structures; installation of 3,009 foundation piles; three egg-shaped digesters; a state-of-the-art odor control system; a biogas conditioning system and power generation using micro-turbines; a fats, oil and grease receiving station; and new utility services. These facilities are being constructed on the land north of IRWD's existing Operations Center, maintenance shops, water quality laboratory, and warehouse.

#### Change Order No. 25:

IRWD staff negotiated with FBB to resolve two items contained in CCO No. 25. The two items are as follows.

*Lightning Protection for the Methane Digesters.* The three methane digesters will be approximately 80 feet above ground elevation. Because the digesters are among the tallest structures on the biosolids site, lightning protection is required for each of the methane digesters. Although lightning protection was specifically required for the Solids Handling Building and the Digester Control Building, the methane digesters were not specifically mentioned as requiring lightning protection. Since there was ambiguity in the Contract Documents, the Contractor was requested to provide lightning protection for the methane digesters. The total cost to provide lightning protection the three methane digesters is \$158,259.68.

*Deflagration Quench Tubes outside of the Dryer Room.* The heat dryer, manufactured by Andritz, creates dust that can accumulate inside the dryer equipment, which is connected to several dust collection systems. In accordance with the Building Code, five deflagration quench

March 23, 2015

Page 2

tubes are to be installed inside of the dryer room of the Solids Handling Facility. Fugitive dust from the pellet silos is collected and directed through two pipes to the dust collectors located outside of the Solids Handling Building. The dust collection systems are part of the equipment provided by the dryer equipment manufacturer Andritz.

During the procurement of the equipment, the specific location for the two dust collectors had not been determined. Code requirements for deflagration vents outside of a building do not require that the vents be provided with a suppression device provided that the vents can be directed towards an area of safe discharge. Preliminary equipment layouts prepared during the equipment procurement phase indicated that the equipment could be located in an area where the vents could discharge to a safe area.

After the procurement contract was complete, the facility design was finalized and required that the location of the dust collectors be re-located to a space where the vents would be directed towards an area where equipment and personnel would be present. The deflagration quench tubes were not included in the bid documents for the two dust collectors located outside the building. For additional safety, the deflagration quench tubes ensure that any possible deflagration is suppressed. With the layout of the dust collectors finalized, the volume of the two quench tubes has been determined to be approximately 140 cubic feet each. The quench tubes have a diameter of approximately 2.5 feet and a height of approximately 7.25 feet. The total cost to provide and install the deflagration quench units along with the associated monitoring system and conduit and wiring is \$122,316.29.

Staff recommends that the Board approve CCO No. 25 in the amount of \$280,575.97, which is attached as Exhibit "A". The Construction Change Order Summary is attached as Exhibit "B". CCO No. 25 does not extend any of the interim milestones completion dates.

#### FISCAL IMPACTS:

The MWRP Biosolids and Energy Recovery Facilities Project 20847 (1617) is included in the FY 2014-15 capital budget. The existing budget is sufficient to fund CCO No. 25.

#### ENVIRONMENTAL COMPLIANCE:

The MWRP Biosolids and Energy Recovery Facilities is subject to the California Environmental Quality Act (CEQA) and in conformance with the California Code of Regulations Title 14, Chapter 3, Article 7, a Supplemental Environmental Impact Report (SEIR), SCH # 2011031091, was certified by IRWD at its October 22, 2012 meeting. The City of Irvine Planning Commission approved a conditional use permit for the IRWD Biosolids Project at its December 6, 2012 meeting.

#### COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on March 18, 2015.

RECOMMENDATION:

THAT THE BOARD APPROVE CONTRACT CHANGE ORDER NO. 25 WITH FILANC/BALFOUR-BEATTY IN THE AMOUNT OF \$280,575.97 TO PROVIDE LIGHTNING PROTECTION FOR THE THREE METHANE DIGESTERS, AND TO INSTALL TWO DEFLAGRATION QUENCH TUBES OUTSIDE OF THE DRYER ROOM OF THE SOLIDS HANDLING FACILITY FOR THE MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES, PROJECT 20847 (1617).

LIST OF EXHIBITS:

- Exhibit "A" – Contract Change Order No. 25
- Exhibit "B" – Construction Change Order Summary

# EXHIBIT "A"

## CONTRACT CHANGE ORDER

**IRVINE RANCH WATER DISTRICT**  
 15600 Sand Canyon Avenue  
 Irvine, California 92618  
 (949) 453-5300  
 MWRP Biosolids and Energy Recovery Facilities



C.O. No. 25

Final

Project No. 21146 (4286)

Date: March 5, 2015

Project Title

THE FOLLOWING CHANGE TO CONTRACT, DRAWINGS AND SPECIFICATIONS IS PROPOSED.	\$ ADDITIONS	\$ DELETIONS	DAYS ±
1. Lightning Protection for the Methane Digesters (CR-121) PR 21146 (4286) Task 3505	\$158,259.68	\$0.00	0
2. Deflagration Quench Tubes outside of the Dryer Room (CR-143) PR 21146 (4286) Task 3505	\$122,316.29	\$0.00	0
Notes: 1. The project completion date of October 28, 2016 is unchanged by this Change Order.			
<b>TOTAL</b>	<b>\$280,575.97</b>	<b>\$0.00</b>	<b>0</b>

			DAYS ±
1. NET AMOUNT THIS CHANGE ORDER	=	\$280,575.97	0
2. ORIGINAL CONTRACT AMOUNT	=	\$163,465,940.00	1,278
3. TOTAL PREVIOUS CHANGE ORDERS	=	\$2,609,957.26	0
4. TOTAL BEFORE THIS CHANGE ORDER (2+3)	=	\$166,075,897.26	1,278
5. PROPOSED REVISED CONTRACT AMOUNT TO DATE (1+4)	=	\$166,356,473.23	1,278

We hereby agree to make the above change subject to the terms of this change order for the sum of Two Hundred Eighty Thousand Five Hundred Seventy-Five and 97/100 ~~00~~ <sup>Dollars</sup>

Date \_\_\_\_\_ Contractor Filanc/Balfour Beatty

By: Chris Rutherford 3-10-2015

SIGNATURE	DATE	APPROVAL LEVEL REQUIRED
<u>Steve Mator</u> IRWD Engineer or Consulting Engineer	<u>3/10/15</u> Date	Department Director Approval Required <input type="checkbox"/>
<u>Kevin J. Bunker</u> Principal Engineer - MWRP Construction	<u>3-10-15</u> Date	Executive Department Director Approval Required <input type="checkbox"/>
Executive Director of Engineering and Water Quality	<u>3-10-15</u> Date	General Manager Approval Required <input type="checkbox"/>
General Manager	<u>3-10-15</u> Date	Board Approval Required <input checked="" type="checkbox"/>
		By _____ Date _____
		Purchase Order No. _____

NOTE: The documents supporting this Change Order, including any drawings and estimates of cost, if required are attached hereto and made a part hereof. This Change Order shall not be considered as such until it has been signed by the Owner and the Contractor. Upon final approval, distribution of copies will be made as required. The parties mutually agree the pricing set forth in this Change Order are complete and fair compensation for the entirety of the work authorized under this Change Order and that no additional compensation is warranted nor shall it be allowed.

CHANGES: All workmanship and materials called for by this Order shall be fully in accord with the original Contract Documents insofar as the same may be applied without conflict to the conditions set forth by this Order. The time for completing the contract will not be extended unless expressly provided for in this Change Order.

EXHIBIT "B"

MWRP Biosolids and Energy Recovery Facilities  
PR 21146 (4286)  
Construction Summary

Contractor: Filanc/Balfour-Beatty  
Design Engine Black & Veatch

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$163,465,940.00						Original Days: 1,278				10/28/2016
Change Order	Description	Category	IRWD or FBB	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
1	Approved by Exe. Director of Engineering and Water Quality Approved on October 24, 2013 1.1 Modifications to Road to Development Area - Delete AC to Triangle, add AB to Michelson (CR-004)	A	IRWD	\$ 20,202.42	\$20,202.42	\$0.00	\$20,202.42	0.01%	\$163,486,142.42	0	0	0	1,278	10/28/2016
2	Approved by Exe. Director of Engineering and Water Quality Approved on November 13, 2013 2.1 Street Light Conduit Modifications (CR-007)	B	IRWD	\$ 12,475.08	\$12,475.08	\$20,202.42	\$32,677.50	0.02%	\$163,498,617.50	0	0	0	1,278	10/28/2016
3	Approved by Board of Directors Approved on March 10, 2014 3.1 Bid Quantity Adjustment of Bid Item 8.6 Pre-Drill	B	FBB	\$ 745,503.00	\$745,503.00	\$32,677.50	\$778,180.50	0.48%	\$164,244,120.50	0	0	0	1,278	10/28/2016
4	Approved by Exe Dir of Eng & Water Quality Approved on March 14, 2014 4.1 Installation of Five Additional Groundwater Wells and Monitoring -- (CR-006) PR 21146 (4286) Task 3505 4.2 Brace Bay Modifications at the FOG Station -- (CR-015) PR 21146 (4286) Task 3505 4.3 Grounding Extension at Nitrogen and Mineral Oil System (CR-025) PR 21146 (4286) Task 3510	A C C	IRWD FBB IRWD	\$11,047.81 \$2,977.81 \$9,003.60	\$23,029.22	\$778,180.50	\$801,209.72	0.49%	\$164,267,149.72	0 0 0	0 0 0	0 0 0	1,278	10/28/2016
5	Approved by Exe Dir of Eng & Water Quality Approved on March 14, 2014 5.1 Unidentified Utility - Meter Shop Discharge (CR-008) PR 21146 (4286) Task 3505 5.2 Connection Beam Modifications at Solids Handling Facility (CR-014) PR 21146 (4286) Task 3235 5.3 Increased Grating Thickness at Solids Handling Facility (CR-041) PR 21146 (4286) Task 3505	B C C	IRWD FBB FBB	\$15,225.75 \$8,270.86 \$1,355.12	\$24,851.73	\$801,209.72	\$826,061.45	0.51%	\$164,292,001.45	0 0 0	0 0 0	0 0 0	1,278	10/28/2016
6	Approved by General Manager Approved on March 20, 2014 6.1 Additional Costs to Install Piles to the Design Tip (CR-033) PR 21146 (4286) Task 3505	B	FBB	\$31,815.00	\$31,815.00	\$826,061.45	\$857,876.45	0.52%	\$164,323,816.45	0	0	0	1,278	10/28/2016
7	Approved by Exe Dir of Eng & Water Quality Approved on April 21, 2014 7.1 Meter Shop Discharge Pipe Leak Investigation and Repair (CR-013) PR 21146 (4286) Task 3505 7.2 Additional Reinforcement and Lifting Eyes for Removable Slabs at Solids Handling Building (CR-021) PR 21146 (4286) Task 3505 7.3 Increased Grating Thickness at Solids Handling Facility (CR-041) PR 21146 (4286) Task 3505 Additional Conductance Probe Materials for Relsy Level Switches for Various Sumps Located at the Microturbine Area PR 21146 (4286) Task 3510	B C C	IRWD FBB FBB	\$2,542.00 \$14,059.00 \$8,124.00	\$24,725.00	\$857,876.45	\$882,601.45	0.54%	\$164,348,541.45	0 0 0	0 0 0	0 0 0	1,278	10/28/2016

**MWRP Biosolids and Energy Recovery Facilities  
PR 21146 (4286)  
Construction Summary**

Contractor: Filanc/Balfour-Beatty  
Design Engine Black & Veatch

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$163,465,940.00						Original Days: 1,278				10/28/2016
Change Order	Description	Category	IRWD or FBB	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
8	Approved by General Manager Approved on April 21, 2014				(\$49,990.00)	\$882,601.45	\$832,611.45	0.51%	\$164,298,551.45	0	0	0	1,278	10/28/2016
8.1	Cost Sharing for Project Partnering Credit for Primavera 7.0 Project Portfolio Management Software (CR-002)	A	IRWD	(\$14,611.00)						0				
8.2	PR 21146 (4286) Task 3235	A	IRWD	(\$2,700.00)						0				
8.3	Deletion of Concrete Pad near Development Area (CR-004A) PR 21146 (4286) Task 3235	A	IRWD	(\$3,865.00)						0				
8.4	Deletion of Ground Test Device (CR-034) PR 21146 (4286) Task 3210	A	IRWD	(\$15,579.00)						0				
8.5	Deletion of Existing T-4 Switchgear Level Indicating Switch (CR-035) PR 21146 (4286) Task 3210	A	IRWD	(\$9,167.00)						0				
8.6	Change to NEMA 4X Panels and Modification to NEMA 4X Bar Graph Display (CR-046) PR 21146 (4286) Task 3210	A	IRWD	(\$4,068.00)						0				
9	Approved by Exe. Director of Eng. & Water Quality Approved on May 31, 2014				\$24,840.17	\$832,611.45	\$857,451.62	0.52%	\$164,323,391.62	0	0	0	1,278	10/28/2016
9.1	Additional Circuits for Gas Monitors and Re-route of Conduits in Solids Handling Facility (CR-028) PR 21146 (4286) Task 3510	C	FBB	\$1,187.49						0				
9.2	Cantilevered Beam Support Modifications in the Solids Handling Facility (CR-049) PR 21146 (4286) Task 3505	C	FBB	\$4,605.30						0				
9.3	Additional Ethernet Switches (CR-062) PR 21146 (4286) Task 3510	C	IRWD	\$19,047.38						0				
10	Approved by Exe. Director of Eng. & Water Quality Approved on May 31, 2014				\$21,398.99	\$857,451.62	\$878,850.61	0.54%	\$164,344,790.61	0	0	0	1,278	10/28/2016
10.1	Additional Grace Ports for Various PLCs (CR-030) PR 21146 (4286) Task 3510	C	IRWD	\$8,580.62						0				
10.2	Provide H-20 Rated Hatches at WAS Pump Station and Valve Vault (CR-061) PR 21146 (4286) Task 3505	C	IRWD	\$12,818.37						0				
11	Approved by Exe. Director of Eng. & Water Quality Approved on June 4, 2014				\$24,739.76	\$878,850.61	\$903,590.37	0.55%	\$164,369,530.37	#REF!	0	#REF!	#REF!	10/28/2016
11.1	Waste Activated Sludge (WAS) Pump Station Structural Modifications (CR-023) PR 21146 (4286) Task 3505	C	IRWD	\$12,905.49						0				
11.2	Removable Slab Modifications on the Second Floor of Solids Handling Building (CR-064) PR 21146 (4286) Task 3505	C	IRWD	\$11,834.27						0				



**MWRP Biosolids and Energy Recovery Facilities  
PR 21146 (4286)  
Construction Summary**

Contractor: Filanc/Balfour-Beatty  
Design Engine Black & Veatch

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$163,465,940.00						Original Days: 1,278				10/28/2016
Change Order	Description	Category	IRWD or FBB	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
12	Approved by Board of Directors Approved on July 21, 2014				\$156,580.22	\$903,590.37	\$1,060,170.59	0.65%	\$164,526,110.59	0	0	0	1,278	10/28/2016
12.1	Final Bid Quantity Adjustment for Bid Item No. 5.2 – Undocumented Fill (suitable) – Remedial Grading – Remove and Re-compact a net increase of 8,104.7 CY from 51,700 CY to 59,804.7 CY at \$5/CY. PR 21146 (4286) Task 3505	B	N/A	\$40,523.37						0				
12.2	Final Bid Quantity Adjustment for Bid Item No. 5.5 - Undocumented Fill (not suitable) - Remedial Grading - Remove and Export Offsite, a net increase of 60 CY, from 1,800 CY to 1,860 CY at \$25 /CY. PR 21146 (4286) Task 3505	B	N/A	\$1,500.00						0				
12.3	Final Bid Quantity Adjustment for Bid Item No. 5.6 - Geotextile Fabric - Remedial Grading, a net decrease of 5,414 SF, from 181,500 SF to 176,086 SF at \$0.40/SF. PR 21146 (4286) Task 3505	B	N/A	(\$2,165.60)						0				
12.4	Final Bid Quantity Adjustment for Bid Item No. 5.6 - Geotextile Fabric - Remedial Grading, a net decrease of 5,414 SF, from 181,500 SF to 176,086 SF at \$0.40/SF. PR 21146 (4286) Task 3505	B	N/A	(\$6,523.33)						0				
12.5	Final Bid Quantity Adjustment for Bid Item No. 5.8 - Undocumented Fill - Deep Foundations – Removal, a net increase of 966 CY, from 21,650 CY to 22,616 CY at \$5.50/CY. PR 21146 (4286) Task 3505	B	N/A	\$5,313.00						0				
12.6	Final Bid Quantity Adjustment for Bid Item No. 5.9 - Alluvium - Remedial Grading - Removal and Export Offsite, a net increase of 2,076 CY, from 28,154 CY to 30,230 CY at \$35/CY. PR 21146 (4286) Task 3505	B	N/A	\$72,665.98						0				
12.7	Final Bid Quantity Adjustment for Bid Item No. 5.10 - Undocumented Fill Deep Foundations - Compaction of stockpiled materials, a net increase of 3,117 CY, from 11,400 CY to 14,517 CY at \$15/CY. PR 21146 (4286) Task 3505	B	N/A	\$46,755.00						0				
12.8	Final Bid Quantity Adjustment for Bid Item No. 5.11 - Undocumented Fill - Deep Foundations - Export excess offsite a net decrease of 2,151 CY, from 10,250 CY to 8,099 CY PR 21146 (4286) Task 3505	B	N/A	(\$30,114.00)						0				
12.9	Final Bid Quantity Adjustment for Bid Item No. 5.12 - Geotextile Fabric - Deep Foundations, a net increase of 9,218 SF, from 51,500 SF to 60,718 SF at \$0.60/SF. PR 21146 (4286) Task 3505	B	N/A	\$5,530.80						0				
12.10	Final Bid Quantity Adjustment for Bid Item No. 5.13 - Aggregate Base - Deep Foundations, a net increase of 513.2 CY, from 2,860 CY to 3,373.2CY at \$45/CY. PR 21146 (4286) Task 3505	B	N/A	\$23,095.00						0				
13	Approved by Exe. Director of Engineering & Water Quality Approved on July 10, 2014				\$10,129.18	\$1,060,170.59	\$1,070,299.77	0.65%	\$164,536,239.77	0	0	0	1,278	10/28/2016
13.1	Modifications to Switchgear 16 (CR-070) PR 21146 (4286) Task 3510	A	FBB	\$10,129.18						0				
14	Approved by General Manager Approved on June 24, 2014				\$44,543.19	\$1,070,299.77	\$1,114,842.96	0.68%	\$164,580,782.96	0	0	0	1,278	10/28/2016
14.1	Slide Gates Clarification Regarding Actuators (CR-039) PR 21146 (4286) Task 3520	A	IRWD	\$44,543.19						0				

**MWRP Biosolids and Energy Recovery Facilities  
PR 21146 (4286)  
Construction Summary**

Contractor: Filanc/Balfour-Beatty  
Design Engine Black & Veatch

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$163,465,940.00						Original Days: 1,278				10/28/2016
Change Order	Description	Category	IRWD or FBB	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
15	Approved by General Manager Approval on July 31, 2014				\$45,214.40	\$1,114,842.96	\$1,160,057.36	0.71%	\$164,625,997.36	0	0	0	1,278	10/28/2016
15.1	Provide Masonry Shelf Angle at Digester Control Building (CR-031) PR 21146 (4286) Task 3505	C	FBB	\$27,543.19						0				
15.2	Beam Size Increase for Monorail Runway in Solids Handling Building - (CR-074) PR 21146 (4286) Task 3505	C	FBB	\$1,200.47						0				
15.3	Upsize Odor Control Circulation Pump Motor Disconnects (CR-082) PR 21146 (4286) Task 3510	B	FBB	\$1,184.83						0				
15.4	Additional Deck Support for the Solids Handling Building Roof (CR-044) PR 21146 (4286) Task 3505	C	FBB	\$15,285.91						0				
16	Approved by E&O Committee Approved on August 19, 2014				\$62,037.10	\$1,160,057.36	\$1,222,094.46	0.75%	\$164,688,034.46	0	0	0	1,278	10/28/2016
16.1	Installation of Level 3 Diesel Particulate Filter (DPF) on the Standby Generator - (CR-073) PR 21146 (4286) Task 3520	B	IRWD	\$62,037.10						0				
17	Approved by Board of Directors Approved on August 25, 2014				(\$106,241.99)	\$1,222,094.46	\$1,115,852.47	0.68%	\$164,581,792.47	0	0	0	1,278	10/28/2016
17.1	Modifications to Switchgear 16 (CR-070A) PR 21146 (4286) Task 3510	A	FBB	(\$106,241.99)						0				
18	Approved by Board of Directors Approved on August 25, 2014				\$108,087.55	\$1,115,852.47	\$1,223,940.02	0.75%	\$164,689,880.02	0	0	0	1,278	10/28/2016
18.1	Stormwater Drainage System Modification (CR-017) PR 21146 (4286)	A	IRWD	\$108,087.55						0				
19	Approved by Executive Director of Engineering & Water Quality Approved on September 30, 2014				\$72,572.86	\$1,223,940.02	\$1,296,512.88	0.79%	\$164,762,452.88	0	0	0	1,278	10/28/2016
19.1	Modification to Switchgear 16 (CR-070B) PR 21146 (4286) Task 3510	A	IRWD	\$1,125.75						0				
19.2	Alluvium Removal Due to 36-inch Storm Drain Installation (CR-085) PR 21146 (4286) Task 3520	B	N/A	\$14,140.00						0				
19.3	Additional Structural Support for Fats, Oils, and Grease (FOG) Grinders (CR-081) PR 21146 (4286) Task 3505	C	FBB	\$8,323.99						0				
19.4	Portable Lift Truck for 480V ABB Breakers (CR-108) PR 21146 (4286) Task 3510	A	IRWD	\$2,625.12						0				
19.5	Retaining Wall North and West of Biosolids Site (CR-010) PR 21146 (4286) Task 3505	B	IRWD	\$46,358.00						0				
20	Approved by Executive Director of Engineering & Water Quality Approved on November 19, 2014				\$54,485.63	\$1,296,512.88	\$1,350,998.51	0.83%	\$164,816,938.51	0	0	0	1,278	10/28/2016
20.1	Nitrogen Slab Modifications (CR-052) PR 21146 (4286) Task 3505	A	IRWD	\$24,855.80						0				
20.2	Additional Conduits and Circuits for the Access Control Systems for the Solids Handling Building and the Digester Control Building (CR-082) PR 21146 (4286) Task 3510	A	IRWD	\$3,412.13						0				
20.3	Digital Power Meters Change for SWGR-14 and SWGR-15 (CR-109) PR 21146 (4286) Task 3510	A	IRWD	\$3,863.22						0				
20.4	Truck Unloading Panel Modifications (CR-115) PR 21146 (4286) Task 3510	A	IRWD	\$12,843.50						0				
20.5	Switchgear SWGR-14 Modifications (CR-116) PR 21146 (4286) Task 3510	A	IRWD	\$9,510.98						0				
21	Approved by General Manager Approved on January 30, 2015				\$ 98,506.19	\$1,350,998.51	\$1,449,504.70	0.89%	\$164,915,444.70	0	0	0	1,278	10/28/2016
21.1	Additional Anchorage for Methane Digesters (CR-051A) PR 21146 (4286) Task 3520	B	FBB	\$92,367.44						0				
21.2	Additional Input/Outputs Review of Master I/O List (CR-136) PR 21146 (4286) Task 3510	C	FBB	\$6,138.75						0				

**MWRP Biosolids and Energy Recovery Facilities  
PR 21146 (4286)  
Construction Summary**

Contractor: Filanc/Balfour-Beatty  
Design Engine Black & Veatch

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$163,465,940.00						Original Days: 1,278				10/28/2016
Change Order	Description	Category	IRWD or FBB	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
22	Approved by Board of Directors Approved on February 9, 2015				\$964,324.51	\$1,449,504.70	\$2,413,829.21	1.48%	\$165,879,769.21	0	0	0	1,278	10/28/2016
22.1	Electrical Conduit Overfill (CR-055) PR 21146 (4286) Task 3510	C	FBB	\$485,250.28						0				
22.2	Heat Dryer Equipment Escalation Costs (CR-057) PR 21146 (4286) Task 3520	B	FBB	\$333,477.50						0				
22.3	Glass-lining Sludge Density Meters (CR-067) PR 21146 (4286) Task 3510	A	IRWD	\$71,010.74						0				
22.4	Switchgear-16 Enclosure (CR-040) PR 21146 (4286) Task 3510	C	FBB	\$56,882.30						0				
22.5	Propane Gas Tank Foundation Demolition (CR-084) PR 21146 (4286) Task 3505	C	IRWD	\$2,004.98						0				
22.6	Credit for travel costs related to inspection of centrifuges in Germany (CR-091) PR 21146 (4286) Task 3520	A	IRWD	(\$5,573.42)						0				
22.7	Deletion of MMC Switchgear-14 Breaker (CR-092) PR 21146 (4286) Task 3510	A	IRWD	(\$5,032.00)						0				
22.8	Increase of Fiber Optic Conduit Size (CR-097) PR 21146 (4286) Task 3510	C	IRWD	\$23,269.61						0				
22.9	Overtime to perform work in the Solids Handling electrical room (CR-103) PR 21146 (4286) Task 3510	A	IRWD	\$1,384.47						0				
22.10	Credit for modification to the Uninterruptible Power System (CR-118) PR 21146 (4286) Task 3510	A	IRWD	(\$9,771.72)						0				
22.11	Addition of Low Voltage Compartment in SCE Switch "C" (CR-160) PR 21146 (4286) Task 3510	A	IRWD	\$2,156.20						0				
22.12	Addition of input/output points relating to sump pumps located at the Solids Handling Building (CR-161) PR 21146 (4286) Task 3510	A	FBB	\$9,265.57						0				
23	Approved by General Manager Approved on February 26, 2015				\$97,005.10	\$2,413,829.21	\$2,510,834.31	1.54%	\$165,976,774.31	0	0	0	1,278	10/28/2016
23.1	Additional Steel Reinforcement the Pellet Storage Silos Anchor Bolts (CR-094) PR 21146 (4286) Task 3505	B	FBB	\$5,514.57						0				
23.2	Differential Pressure Transmitter (CR-094) PR 21146 (4286) Task 3510	A	IRWD	\$2,535.33						0				
23.3	Additional Aluminum Trench Grating in Digester Control Building (CR-107) PR 21146 (4286) Task 3520	A	IRWD	\$7,552.11						0				
23.4	Light Weight Concrete for Electrical Conduits Underneath the Solids Handling Building Electrical Room (CR-113) PR 21146 (4286) Task 3510	A	IRWD	\$30,535.94						0				
23.5	Adding Energyjets Weir Plates to Dewatering Centrifuges - (CR-124) PR 21146 (4286) Task 3520	A	IRWD	\$11,139.25						0				
23.6	Provide Angle Supports for the Removable Slabs at the Solids Handling Building - (CR-137) PR 21146 (4286) Task 3520	A	IRWD	\$20,671.61						0				
23.7	Structural Modification at Solids Handling Building - (CR-140) PR 21146 (4286) Task 3520	C	FBB	\$1,109.42						0				
23.8	Increase of Fiber Optic Conduit Size (CR-097) PR 21146 (4286) Task 3510	A	IRWD	\$5,516.45						0				
23.9	Steel Joist Framing Modifications at Digester Control Building - (CR-151) PR 21146 (4286) Task 3505	C	FBB	\$2,286.29						0				
23.10	WAS Valve Vault and Piping Modifications (CR-100) PR 21146 (4286) Task 3520	A	IRWD	\$10,144.13						0				
24	Pending approval by General Manager Pending approval on March 6, 2015				\$99,122.95	\$2,510,834.31	\$2,609,957.26	1.60%	\$166,075,897.26	0	0	0	1,278	10/28/2016
24.1	Coating of WAS/Primary Sludge Pump Stations & Sludge Wetwells per RFI-0612A (CR-127) PR 21146 (4286) Task 3505	A	FBB	\$99,122.95						0				

**MWRP Biosolids and Energy Recovery Facilities  
PR 21146 (4286)  
Construction Summary**

Contractor: Filanc/Balfour-Beatty  
Design Engine Black & Veatch

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$163,465,940.00						Original Days: 1,278				10/28/2016
Change Order	Description	Category	IRWD or FBB	Change Order Line Item Amount	Change Order Amount	Previous Change Orders	Cumulative Total of Change Orders	% of Original Contract Amount	Revised Contract Amount	Change Order Days	Previous Change Orders	Cum. Total C.O. days	Revised Total Contract Days	Revised Completion Date
25	Pending approval by Board of Directors Pending approval on March 23, 2015				\$280,575.97	\$2,609,957.26	\$2,890,533.23	1.77%	\$166,356,473.23	0	0	0	1,278	10/28/2016
25.1	Lightning Protection for the Methane Digesters (CR-121) PR 21146 (4286) Task 3505	C	FBB	\$158,259.68						0				
25.2	Deflagration Quench Tubes outside of the Dryer Room (CR-143) PR 21146 (4286) Task 3505	B	FBB	\$122,316.29						0				

Category	Total Amount	% of Original Contract
A - District Convenience/Initiation - Project Related	\$ 346,672.27	0.21%
B - Differing Site Conditions	\$ 1,641,536.78	1.00%
C - Design Oversight	\$ 902,324.18	0.55%
D - District Convenience/Initiation - Non-Project Related	\$ -	0.00%
E - Contractor Convenience/Initiation	\$ -	0.00%
<b>TOTAL (A + B + C + D)</b>	<b>\$ 2,890,533.23</b>	<b>1.77%</b>

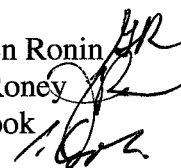
Category	Total Amount	% of Original Contract
IRWD-Initiation/Driven	\$ 572,498.81	0.35%
FBB-Initiation/Driven	\$ 2,147,314.20	1.31%
Not applicable	\$ 170,720.22	0.10%
<b>TOTAL</b>	<b>\$ 2,890,533.23</b>	<b>1.77%</b>

March 23, 2015

Prepared by: Gretchen Ronin

Submitted by: Jenny Roney

Approved by: Paul Cook



## ACTION CALENDAR

### 2015 COMPENSATION SURVEY RESULTS – SALARY SCHEDULE

#### SUMMARY

Staff has compiled, analyzed and summarized data collected from the 2015 benchmark salary survey and will review and discuss results with the Committee. The objective of this survey was to evaluate where IRWD stands currently in meeting the salary portion of the stated compensation package objectives of:

- Retain and attract highly qualified employees,
- Offer an overall compensation package which is at or above the industry market average, and
- Minimize the cost and liability exposure to the District and our customers, and recommend adjustments were necessary.

#### BACKGROUND

In order to meet the above stated objectives a comprehensive compensation survey has been conducted by the Human Resources Department every two years to evaluate the District's market position in wages and benefits. The results of the survey are presented to the Committee, the Board of Directors and District employees. Due to past declining economic conditions the conduct of this survey was suspended following the last survey completion in 2008. As the economy began to improve it was anticipated that the benchmark survey process would be reinstated.

In early 2013, a review of the District's compensation survey methodology was conducted by Ralph Anderson & Associates, the results of which were presented to the Board of Directors on May 28, 2013.

A benchmark salary survey was conducted this year to further analyze salary market data for selected benchmark classifications. Recommendations from the 2013 Ralph Anderson & Associates study were incorporated into this year's benchmark salary survey methodology as follows:

- Reduction in the number agencies surveyed to focus on most productive matches;
- Salary range control point changed from mid-point to maximum as industry best-practice;
- Market data comparison changed from mean to median as a more stable statistical measure;
- Survey to be conducted on a three year interval.

Seventeen agencies and cities were included in this year's survey, which included 46 benchmark positions. A list of the agencies surveyed is included as Exhibit "A". Results of this benchmark

salary survey have been compiled, analyzed, and summarized by staff. The results of the salary survey have been reviewed by the Executive Management Team and Senior Staff and recommendations for changes to benchmark and other positions were developed based on a review of the market data and internal equity of position placement within the salary grade schedule.

Salary Schedule Changes:

Exhibit “B” displays the list of 46 benchmark classifications that were surveyed as part of this year’s study and where each benchmark fell in relation to the survey median. This year, the survey identified four benchmark positions which fell more than 5% below the survey median and are, therefore, recommended for adjustment on the salary grade schedule.

Exhibit “C” summarizes all proposed salary grade schedule adjustments as a result of analysis of the benchmark salary survey results and internal equity alignment, the number of incumbents affected by each adjustment and the type of change being recommended. As a result of this year’s benchmark salary survey, 14 separate classifications affecting 36 incumbents are recommended for upgrade. For purposes of comparison, the prior benchmark salary survey, conducted in 2008, resulted in 40 classifications being recommended for adjustment, affecting 85 incumbents.

As a result of the 2014-15 benchmark salary survey, minimal competitive wage adjustments are recommended for the affected classifications and incumbents. These changes are included in the revised Salary Grade Schedule attached as Exhibit “D”.

Human Resources is currently in the process of conducting the non-salary, or benefits portion of the compensation survey and will present those results to the committee at a later date.

FISCAL IMPACTS:

The annual fiscal impact of the implementation of the proposed competitive wage adjustments is an increase to salaries of approximately \$29,868 or \$2,489/month which is less than 0.10% of total salaries. The impact of this change for FY 2014-15 is anticipated to be \$7,467. These funds are included in the current FY 2014-15 Budget.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3 Section 15378.

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on March 16, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO IMPLEMENT COMPETITIVE WAGE ADJUSTMENTS EFFECTIVE APRIL 1, 2015, APPROVE THE REVISED SALARY GRADE SCHEDULE EFFECTIVE APRIL 1, 2015; AND ADOPT THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION 2015-

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
IRVINE RANCH WATER DISTRICT RESCINDING  
RESOLUTION NO. 2014-52 AND ESTABLISHING  
REVISED SCHEDULE OF POSITIONS AND SALARY  
RATE RANGES

LIST OF EXHIBITS:

Exhibit "A" – List of Surveyed Agencies

Exhibit "B" – Summary of Benchmark Positions

Exhibit "C" – Summary of Proposed Competitive Wage Adjustments

Exhibit "D" – Resolution and IRWD Proposed Salary Grade Schedule

**EXHIBIT "A"**

**IRVINE RANCH WATER DISTRICT  
2015 SALARY SURVEY**

**Agencies to be Surveyed**

**City of Anaheim**  
**Eastern Municipal Water District**  
**Elsinore Valley Municipal Water District**  
**City of Fountain Valley**  
**Inland Empire Utilities Agency**  
**City of Irvine**  
**City of Long Beach**  
**Mesa Water District**  
**Moulton Niguel Water District**  
**Orange County Sanitation District**  
**Orange County Water District**  
**City of Orange**  
**Rancho California Water District**  
**City of Riverside**  
**South Coast Water District**  
**Santa Margarita Water District**  
**South Orange County Wastewater Authority**



EXHIBIT "B"

Irvine Ranch Water District  
Summary of 2015 Salary Survey Results

Unrepresented Positions					
Benchmark Title	Current Grade	IRWD Top	Mkt Median Top	Variance Mkt Top	Recommendation
District Secretary	14.E	\$8,886	\$8,596	3.3%	No change
Executive Assistant	26.N	\$6,642	\$6,116	7.9%	No change
Director of Human Resources	27.E	\$14,756	\$13,484	8.6%	No change
Human Resources Analyst	31.N	\$7,684	\$7,095	7.7%	No change
Controller	20.E	\$11,071	\$10,676	3.6%	No change
Senior Accountant	11.E	\$7,951	\$7,944	0.1%	No change
Customer Service Supervisor	10.E	\$7,667	\$7,393	3.6%	No change
Networking & Support Manager	20.E	\$11,071	\$10,984	0.8%	No change
Applications Analyst	15.E	\$9,218	\$8,208	11.0%	No change
Network Administrator	32.N	\$7,911	\$7,915	-0.1%	No change
Exec Director of Engineering & Water Quality	30.E	\$17,224	\$15,833	8.1%	No change
Senior Engineer	20.E	\$11,071	\$10,417	5.9%	No change
Regulatory Compliance Manager	16.E	\$9,567	\$9,610	-0.4%	No change
Laboratory Supervisor	13.E	\$8,556	\$9,519	-11.3%	<b>Move to 15.E</b>
Operations Manager (Water Ops)	19.E	\$10,676	\$10,580	0.9%	No change
Operations Supervisor (Water Ops)	35.N	\$8,617	\$8,606	0.1%	No change
Construction & Field Services Manager	17.E	\$9,918	\$9,845	0.7%	No change
Water Maintenance Supervisor	31.N	\$7,684	\$7,496	2.4%	No change
Operations Manager (Recycling Ops)	19.E	\$10,676	\$9,995	6.4%	No change
Operations Supervisor (Recycling Ops)	35.N	\$8,617	\$8,616	0.0%	No change
Facilities/Fleet Manager	17.E	\$9,918	\$9,298	6.3%	No change
Fleet Supervisor	30.N	\$7,459	\$7,894	-5.8%	<b>Move to 31.N</b>
* 2 of 22 benchmarks upgraded			Average	2.7%	

EXHIBIT "B"

Irvine Ranch Water District  
Summary of 2015 Salary Survey Results

Represented Positions					
Benchmark Title	Current Grade	IRWD Top	Mkt Median Top	Variance Mkt Top	Recommendation
Analyst	10.E	\$7,667	\$7,101	7.4%	No change
Office Specialist	15.N	\$4,840	\$4,654	3.8%	No change
Accountant	27.N	\$6,837	\$6,593	3.6%	No change
Accounting Clerk	16.N	\$4,975	\$4,843	2.7%	No change
Customer Service Specialist II	17.N	\$5,099	\$5,064	0.7%	No change
Customer Service Field Technician	16.N	\$4,975	\$4,842	2.7%	No change
Buyer	24.N	\$6,258	\$6,094	2.6%	No change
Associate Engineer	14.E	\$8,886	\$8,620	3.0%	No change
Construction Inspector II	28.N	\$7,040	\$6,536	7.2%	No change
Engineering Technician II	25.N	\$6,450	\$5,820	9.8%	No change
Scientist	26.N	\$6,642	\$7,026	-5.8%	<b>Move to 28.N</b>
Lab Analyst	16.N	\$4,975	\$4,684	5.8%	No change
Operator II (Water Ops)	27.N	\$6,837	\$6,094	10.9%	No change
Water Maintenance Technician II	22.N	\$5,889	\$5,457	7.3%	No change
Operator II (Recycling Ops)	27.N	\$6,837	\$6,134	10.3%	No change
Collection Systems Technician II	20.N	\$5,542	\$5,755	-3.8%	No change
Water Use Efficiency Analyst	31.N	\$7,684	\$7,495	2.5%	No change
Public Affairs Specialist	29.N	\$7,245	\$7,164	1.1%	No change
Water Use Efficiency Specialist	24.N	\$6,258	\$6,407	-2.4%	No change
Electrical Technician	28.N	\$7,040	\$6,684	5.1%	No change
Instrumentation Technician	28.N	\$7,040	\$6,793	3.5%	No change
Maintenance Mechanic	20.N	\$5,542	\$6,023	-8.7%	<b>Move to 22.N</b>
Facilities Services Technician	22.N	\$5,889	\$5,216	11.4%	No change
Vehicle/Equipment Mechanic	22.N	\$5,889	\$5,572	5.4%	No change
			Average	3.6%	

\* 2 of 24 benchmarks upgraded

EXHIBIT "C"

IRVINE RANCH WATER DISTRICT					
2015 SUMMARY OF PROPOSED COMPETITIVE WAGE ADJUSTMENTS (CWA)					
JOB TITLE	SALARY GRADE			# IN	CHANGE
CURRENT	CURRENT	PROPOSED	MOVEMENT	POSITION	
Safety & Security Specialist	26.N	29.N	+3	0	CWA Upgrade
Risk Analyst	27.N	30.N	+3	1	CWA Upgrade
Customer Service Manager	16.E	17.E	+1	1	CWA Upgrade
<b>Scientist</b>	26.N	28.N	+2	11	CWA Upgrade
Senior Scientist	31.N	32.N	+1	8	CWA Upgrade
Lab QA/QC	11.E	12.E	+1	1	CWA Upgrade
<b>Laboratory Supervisor</b>	13.E	15.E	+2	2	CWA Upgrade
<b>Regulatory Compliance Manager</b>	16.E	17.E	+1	1	CWA Upgrade
<b>Maintenance Mechanic</b>	20.N	22.N	+2	6	CWA Upgrade
Senior Facilities Services Technician	25.N	27.N	+2	1	CWA Upgrade
<b>Fleet Supervisor</b>	30.N	31.N	+1	1	CWA Upgrade
Facilities Services Supervisor	30.N	31.N	+1	1	CWA Upgrade
Automation Programmer	13.E	15.E	+2	1	CWA Upgrade
Government Relations Manager	17.E	19.E	+2	1	CWA Upgrade
<i>14 job titles upgraded</i>			Total Incumbants	36	

Benchmark positions in bold

Estimated CWA Pool \$ 2,489

EXHIBIT "D"

RESOLUTION NO. 2015 -

RESOLUTION OF THE BOARD OF DIRECTORS  
OF IRVINE RANCH WATER DISTRICT,  
RESCINDING RESOLUTION NO. 2014-52 AND  
ESTABLISHING A REVISED SCHEDULE OF POSITIONS  
AND SALARY RATE RANGES

WHEREAS, the Board of Directors of Irvine Ranch Water District, by adoption of Resolution No. 2014-52 on November 10, 2014, established a Schedule of Positions and Salary Rate Ranges of the Irvine Ranch Water District; and

WHEREAS, the Board of Directors of Irvine Ranch Water District has reviewed the Schedule of Positions and Salary Rate Ranges and desires to make revisions thereto.

NOW, THEREFORE, the Board of Directors of Irvine Ranch Water District does hereby resolve, determine and order as follows:

Section 1. That the Schedule of Positions and Salary Rate Ranges adopted by Resolution No. 2014-52 on November 10, 2014 is hereby rescinded, effective April 1, 2015.

Section 2. That the Schedule of Positions and Salary Rate Ranges for the Irvine Ranch Water District be and hereby is approved and adopted as more particularly set forth in Exhibit "C" to this Resolution, attached hereto and by this reference made a part hereto.

Section 3. That the provisions of this Resolution shall be effective April 1, 2015.

ADOPTED, SIGNED and APPROVED THIS 23<sup>rd</sup> day of March 2015.

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

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

APPROVED AS TO FORM:  
BOWIE, ARNESON, WILES & GIANNONE

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## EXHIBIT "D"

**IRVINE RANCH WATER DISTRICT**  
**SALARY GRADE SCHEDULE**  
**GENERAL EMPLOYEES' UNIT**  
~~December 1, 2014~~ April 1, 2015

<b><u>NON-EXEMPT</u></b>	<b><u>MINIMUM</u></b>	<b><u>MAXIMUM</u></b>	<b><u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u></b>
SALARY GRADE 1.N	\$2656	\$3293	\$3457
SALARY GRADE 2.N	\$2714	\$3383	\$3553
SALARY GRADE 3.N	\$2771	\$3476	\$3651
SALARY GRADE 4.N	\$2821	\$3577	\$3756
SALARY GRADE 5.N	\$2885	\$3676	\$3861
SALARY GRADE 6.N Office Assistant Mail Coordinator	\$2943	\$3783	\$3972
SALARY GRADE 7.N	\$3001	\$3888	\$4083
SALARY GRADE 8.N	\$3067	\$4000	\$4200
SALARY GRADE 9.N	\$3126	\$4110	\$4316
SALARY GRADE 10.N	\$3190	\$4222	\$4432
SALARY GRADE 11.N Material Control Clerk I Maintenance Apprentice Utility Worker	\$3252	\$4331	\$4545
SALARY GRADE 12.N	\$3316	\$4457	\$4681
SALARY GRADE 13.N Customer Service Specialist I Support Specialist	\$3378	\$4585	\$4815

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE 14.N	\$3454	\$4714	\$4950
SALARY GRADE 15.N Office Specialist Collection Systems Technician I	\$3528	\$4840	\$5082
SALARY GRADE 16.N Accounting Clerk Customer Service Field Technician Metering Systems Technician I Water Maintenance Technician I Laboratory Analyst	\$3611	\$4975	\$5223
SALARY GRADE 17.N Customer Service Specialist II	\$3688	\$5099	\$5354
SALARY GRADE 18.N Material Control Clerk II Senior Support Specialist	\$3769	\$5237	\$5499
SALARY GRADE 19.N Senior Office Specialist Purchasing Coordinator	\$3855	\$5369	\$5639
SALARY GRADE 20.N Senior Accounting Clerk Engineering Technician I Operator I <del>Maintenance Mechanic</del> Collection Systems Technician II	\$3958	\$5542	\$5820
SALARY GRADE 21.N Customer Service Specialist III Senior Customer Service Field Technician Collection Systems CCTV Technician II	\$4070	\$5710	\$5997
SALARY GRADE 22.N Sr. Purchasing Coordinator Metering Systems Tech. II Water Maintenance Technician II <del>Maintenance Mechanic</del> Facilities Services Technician Vehicle/Equipment Mechanic Recycled Water Specialist	\$4182	\$5889	\$6185

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE 23.N Construction Inspector I	\$4292	\$6068	\$6371
SALARY GRADE 24.N Buyer Cross Connection Specialist Wetlands Specialist Water Use Efficiency Specialist	\$4414	\$6258	\$6571
SALARY GRADE 25.N Engineering Technician II <del>Senior Facilities Services Technician</del> Senior Collection Systems Technician Senior Collection Systems CCTV Technician	\$4530	\$6450	\$6774
SALARY GRADE 26.N Metering Systems Tech. III Water Maintenance Technician III <del>Scientist</del>	\$4670	\$6642	\$6974
SALARY GRADE 27.N Accountant <del>Risk Analyst</del> Senior Vehicle/Equipment Maintenance Mechanic <del>Senior Facilities Services Technician</del> Operator II Senior Maintenance Mechanic Senior Recycled Water Specialist	\$4805	\$6837	\$7179
SALARY GRADE 28.N Construction Inspector II Automation Technician Landscape Contracts Administrator Electrical Technician Instrumentation Technician <del>Scientist</del>	\$4946	\$7040	\$7393
SALARY GRADE 29.N Payroll Administrator Senior Buyer Engineering Technician III Senior Wetlands Specialist Operator III Lead Maintenance Mechanic Recycled Water Project Specialist	\$5093	\$7245	\$7607

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
Senior Water Use Efficiency Specialist Public Affairs Specialist			
SALARY GRADE 30.N <u>Risk Analyst</u> Senior Electrical Technician Senior Instrumentation Technician	\$5247	\$7459	\$7833
SALARY GRADE 31.N Treasury Analyst Information Services Coordinator Construction Inspector III <u>Senior Scientist</u> Water Use Efficiency Analyst	\$5402	\$7684	\$8067
SALARY GRADE 32.N Automation Specialist <u>Senior Scientist</u>	\$5558	\$7911	\$8307
SALARY GRADE 33.N Operations Coordinator	\$5720	\$8141	\$8548
SALARY GRADE 34.N	\$5889	\$8366	\$8785
SALARY GRADE 35.N	\$6067	\$8617	\$9048



## EXHIBIT "D"

**IRVINE RANCH WATER DISTRICT**  
**SALARY GRADE SCHEDULE**  
**GENERAL EMPLOYEES' UNIT**

~~December 1, 2014~~ April 1, 2015

<u>EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE 1.E	\$4271	\$5488	\$5761
SALARY GRADE 2.E	\$4413	\$5700	\$5985
SALARY GRADE 3.E	\$4555	\$5913	\$6209
SALARY GRADE 4.E	\$4697	\$6139	\$6446
SALARY GRADE 5.E	\$4840	\$6367	\$6686
SALARY GRADE 6.E	\$5006	\$6614	\$6945
SALARY GRADE 7.E	\$5167	\$6858	\$7200
SALARY GRADE 8.E	\$5335	\$7126	\$7483
SALARY GRADE 9.E	\$5497	\$7387	\$7756
SALARY GRADE 10.E Analyst Assistant Engineer	\$5681	\$7667	\$8051
SALARY GRADE 11.E <del>Laboratory QA/QC</del>	\$5863	\$7951	\$8349
SALARY GRADE 12.E Programmer/Analyst Energy Analyst <del>Laboratory QA/QC</del>	\$6054	\$8256	\$8667
SALARY GRADE 13.E Right of Way & Real Property Manager <del>Automation Programmer</del> Water Resources Planner	\$6249	\$8556	\$8982

<u>EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE 14.E Associate Engineer	\$6453	\$8886	\$9329
SALARY GRADE 15.E Automation Programmer	\$6657	\$9218	\$9677
SALARY GRADE 16.E	\$6879	\$9567	\$10045
SALARY GRADE 17.E Engineer	\$7099	\$9918	\$10413
SALARY GRADE 18.E	\$7328	\$10296	\$10810
SALARY GRADE 19.E	\$7561	\$10676	\$11211
SALARY GRADE 20.E	\$7796	\$11071	\$11625
SALARY GRADE 21.E	\$8034	\$11471	\$12045
SALARY GRADE 22.E	\$8292	\$11897	\$12494
SALARY GRADE 23.E	\$8555	\$12329	\$12946
SALARY GRADE 24.E	\$8786	\$12825	\$13466
SALARY GRADE 25.E	\$9058	\$13311	\$13975
SALARY GRADE 26.E	\$9471	\$14014	\$14715
SALARY GRADE 27.E	\$9905	\$14756	\$15494
SALARY GRADE 28.E	\$10360	\$15534	\$16311
SALARY GRADE 29.E	\$10832	\$16356	\$17174

<b><u>EXEMPT</u></b>	<b><u>MINIMUM</u></b>	<b><u>MAXIMUM</u></b>	<b><u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u></b>
SALARY GRADE 30.E	\$11333	\$17224	\$18085
SALARY GRADE 31.E	\$11896	\$18201	\$19111
SALARY GRADE 32.E	\$12493	\$19238	\$20200
SALARY GRADE 33.E	\$13114	\$20330	\$21347
SALARY GRADE 34.E	\$13772	\$21484	\$22557

| *Effective Date ~~12/01/14~~04/01/15*

## EXHIBIT "D"

**IRVINE RANCH WATER DISTRICT**  
**SALARY GRADE SCHEDULE**  
**UNREPRESENTED POSITIONS**  
~~December 1, 2014~~ April 1, 2015

<b><u>NON-EXEMPT</u></b>	<b><u>MINIMUM</u></b>	<b><u>MAXIMUM</u></b>	<b><u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u></b>
SALARY GRADE U1.N	\$2656	\$3293	\$3457
SALARY GRADE U2.N	\$2714	\$3383	\$3553
SALARY GRADE U3.N	\$2771	\$3476	\$3651
SALARY GRADE U4.N	\$2821	\$3577	\$3756
SALARY GRADE U5.N	\$2885	\$3676	\$3861
SALARY GRADE U6.N	\$2943	\$3783	\$3972
SALARY GRADE U7.N	\$3001	\$3888	\$4083
SALARY GRADE U8.N	\$3067	\$000	\$4200
SALARY GRADE U9.N	\$3126	\$4110	\$4316
SALARY GRADE U10.N	\$3190	\$4222	\$4432
SALARY GRADE U11.N	\$3252	\$4331	\$4545
SALARY GRADE U12.N	\$3316	\$4457	\$4681
SALARY GRADE U13.N	\$3378	\$4585	\$4815
SALARY GRADE U14.N	\$3454	\$4714	\$4950
SALARY GRADE U15.N	\$3528	\$4840	\$5082
SALARY GRADE U16.N	\$3611	\$4975	\$5223

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE U17.N	\$3688	\$5099	\$5354
SALARY GRADE U18.N	\$3769	\$5237	\$5499
SALARY GRADE U19.N	\$3855	\$5369	\$5639
SALARY GRADE U20.N	\$3958	\$5542	\$5820
SALARY GRADE U21.N	\$4070	\$5710	\$5997
SALARY GRADE U22.N Executive Secretary Human Resources Assistant	\$4182	\$5889	\$6185
SALARY GRADE U23.N	\$4292	\$6068	\$6371
SALARY GRADE U24.N	\$4414	\$6258	\$6571
SALARY GRADE U25.N	\$4530	\$6450	\$6774
SALARY GRADE U26.N Executive Assistant <del>Safety &amp; Security Specialist</del>	\$4670	\$6642	\$6974
SALARY GRADE U27.N	\$4805	\$6837	\$7179
SALARY GRADE U28.N	\$4946	\$7040	\$7393
SALARY GRADE U29.N <del>Safety &amp; Security Specialist</del>	\$5093	\$7245	\$7607
SALARY GRADE U30.N <del>Facilities Services Supervisor</del> <del>Fleet Supervisor</del> Collection Systems Supervisor	\$5247	\$7459	\$7833
SALARY GRADE U31.N	\$5402	\$7684	\$8067

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
Human Resources Analyst Cross Connection Supervisor Water Maintenance Supervisor Facilities Services Supervisor Fleet Supervisor			
SALARY GRADE U32.N Network Administrator Mechanical Maintenance Supervisor	\$5558	\$7911	\$8307
SALARY GRADE U33.N Construction Inspection Supervisor	\$5720	\$8141	\$8548
SALARY GRADE U34.N Automation Supervisor Electrical Supervisor Instrumentation Supervisor	\$5889	\$8366	\$8785
SALARY GRADE U35.N Operations Supervisor	\$6067	\$8617	\$9048

## EXHIBIT "D"

**IRVINE RANCH WATER DISTRICT**  
**SALARY GRADE SCHEDULE**  
**UNREPRESENTED POSITIONS**

December 1, 2014 / April 1, 2015

<b><u>EXEMPT</u></b>	<b><u>MINIMUM</u></b>	<b><u>MAXIMUM</u></b>	<b><u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u></b>
SALARY GRADE U1.E	\$4271	\$5488	\$5761
SALARY GRADE U2.E	\$4413	\$5700	\$5985
SALARY GRADE U3.E	\$4555	\$5913	\$6209
SALARY GRADE U4.E	\$4697	\$6139	\$6446
SALARY GRADE U5.E	\$4840	\$6367	\$6686
SALARY GRADE U6.E	\$5006	\$6614	\$6945
SALARY GRADE U7.E	\$5167	\$6858	\$7200
SALARY GRADE U8.E	\$5335	\$7126	\$7483
SALARY GRADE U9.E	\$5497	\$7387	\$7756
SALARY GRADE U10.E Customer Service Supervisor Administrative Assistant	\$5681	\$7667	\$8051
SALARY GRADE U11.E Senior Accountant Financial Analyst Recycled Water Supervisor	\$5863	\$7951	\$8349
SALARY GRADE U12.E	\$6054	\$8256	\$8667
SALARY GRADE U13.E Senior Human Resources Analyst Senior Analyst GIS Supervisor Laboratory Supervisor	\$6249	\$8556	\$8982

<u>EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE U14.E District Secretary Assistant Facilities/Fleet Manager	\$6453	\$8886	\$9329
SALARY GRADE U15.E Senior Programmer/Analyst Senior Network Administrator Applications Analyst Assistant Field Services Manager Assistant Construction Services Manager <u>Laboratory Supervisor</u>	\$6657	\$9218	\$9677
SALARY GRADE U16.E <del>Customer Service Manager</del> Assistant Operations Manager Principal Analyst Natural Resources Manager Collection Systems Manager Laboratory Manager Water Use Efficiency Manager <del>Regulatory Compliance Manager</del>	\$6879	\$9567	\$10045
SALARY GRADE U17.E District Safety and Security Manager <u>Customer Service Manager</u> Purchasing Manager Construction Inspection Manager Construction & Field Services Manager Water Maintenance Manager Facilities/Fleet Manager <u>Regulatory Compliance Manager</u> <u>Government Relations Manager</u>	\$7099	\$9918	\$10413
SALARY GRADE U18.E Public Affairs Manager Human Resources Manager Treasury Manager Manager of Contracts Admin & Risk Senior Applications Analyst Chief Plant Operator Water Quality Manager	\$7328	\$10296	\$10810
SALARY GRADE U19.E Operations Manager Electrical and Automation Manager Mechanical Services Manager Recycled Water Development Manager	\$7561	\$10676	\$11211



<u>EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
Water Resources Manager Government Relations Manager			
SALARY GRADE U20.E Controller Manager of Strategic Planning and Analysis Applications Manager Networking & Support Manager Senior Engineer	\$7796	\$11071	\$11625
SALARY GRADE U21.E	\$8034	\$11471	\$12045
SALARY GRADE U22.E	\$8292	\$11897	\$12494
SALARY GRADE U23.E Principal Engineer Assistant Director of Water Operations Assistant Director of Recycling Operations Assistant Director of Maintenance	\$8555	\$12329	\$12946
SALARY GRADE U24.E	\$8786	\$12825	\$13466
SALARY GRADE U25.E	\$9058	\$13311	\$13975
SALARY GRADE U26.E	\$9471	\$14014	\$14715
SALARY GRADE U27.E Director of Public Affairs Director of Human Resources Treasurer/Director of Risk Management Director of Administrative Services Director of Water Resources	\$9905	\$14756	\$15494
SALARY GRADE U28.E	\$10360	\$15534	\$16311
SALARY GRADE U29.E	\$10832	\$16356	\$17174
SALARY GRADE U30.E Executive Director of Finance Executive Director of Engineering & Water Quality	\$11333	\$17224	\$18085

<b><u>EXEMPT</u></b>	<b><u>MINIMUM</u></b>	<b><u>MAXIMUM</u></b>	<b><u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u></b>
Executive Director of Operations Executive Director of Water Policy			
SALARY GRADE U31.E	\$11896	\$18201	\$19111
SALARY GRADE U32.E	\$12493	\$19238	\$20200
SALARY GRADE U33.E	\$13114	\$20330	\$21347
SALARY GRADE U34.E General Manager	\$13772	\$21484	\$22557

| *Effective Date ~~12/01/14~~04/01/2015*

March 23, 2015

Prepared by: K. Welch/R. Bennett

Submitted by: F. Sanchez/P. Weghorst

Approved by: Paul Cook

## ACTION CALENDAR

### DESIGN OF STOCKDALE WEST TURNOUT FACILITIES PROJECT

#### SUMMARY:

The Rosedale-Rio Bravo Water Storage District (Rosedale) and Irvine Ranch Water District are jointly developing the proposed Stockdale Integrated Banking Project (Stockdale Project). The project includes constructing recharge and recovery facilities on Rosedale's Stockdale East and IRWD's Stockdale West Ranch properties. To supplement the conveyance of water to the Stockdale West and Strand Ranch recharge basins, it is proposed that a turnout be constructed from the Cross Valley Canal (CVC). Staff recommends the Board authorize the addition of the Stockdale West Turnout Facilities project (PR 11875) in the amount of \$2,557,500 to the FY 2014-15 Capital Budget and authorize the General Manager to execute a Professional Services Agreement with Dee Jasper & Associates, Inc. in the amount of \$114,640 for engineering design and bid support services for the project.

#### BACKGROUND:

In 2010, IRWD purchased the Stockdale West Ranch property located west of the Strand Ranch. Rosedale owns the Stockdale East Property located to the east of the Strand Ranch. A location map of these properties is provided as Exhibit "A". The Stockdale Project is being developed by Rosedale and IRWD to allow both agencies to utilize available storage in the Kern River Fan Area by constructing and operating recharge and recovery facilities on each agency's respective Stockdale properties. The project will integrate the capacities and facilities into Rosedale's Conjunctive Use Program. The purpose of IRWD's participation in the project is to provide dry year water supply reliability for IRWD's customers.

In 2011, IRWD constructed four recharge basins on the Stockdale West Ranch and a 54-inch siphon under the Rosedale Intake Canal to allow recharge water to flow from the Strand Ranch to the Stockdale West basins. These facilities were constructed under a pilot project to test the recharge capabilities of the Stockdale West Ranch. The existing siphon is limited to about 50 cfs of flow from the Strand Ranch to the Stockdale West property. The siphon is shown on Exhibit "A".

#### Benefits of CVC Turnout:

The Strand Ranch exhibits large infiltration rates for the first few months of a recharge event. As a result, it can take numerous weeks before water is available to the furthest west recharge basins on the property and additional days before pond water elevations are high enough to drive water through the existing siphon to the Stockdale West Ranch recharge basins. An additional CVC turn-out on the west side of the Strand Ranch is needed to expedite the delivery of water to the Stockdale West Ranch and to more quickly fill the Strand Ranch recharge basins. The CVC turn-out would increase the amount of water recharged at the Stockdale West and Strand Ranch

recharge basins during the first 45 days of a recharge event. Staff estimates the additional CVC turnout could increase the diversion and recharge of up to 9,000 AF on the Stockdale West and Strand Ranch projects during the first 45 days of a single recharge event. The value of this additional water during dry periods is estimated to be about \$3.1 million.

Preliminary Design:

IRWD retained Dee Jasper & Associates (DJA) to prepare a preliminary design report (PDR) that evaluated various turnout alternatives for conveying recharge water to the Stockdale West and Strand Ranch projects taking into consideration existing facilities, hydraulic capacities, construction and operations costs, as well as constructability and operational issues. DJA successfully completed the preliminary design and evaluation of three possible alternatives.

Based on DJA's analysis, the preferred alternative includes constructing a 100 cfs turnout from the CVC to a 60" pipeline that will convey water by gravity to the Stockdale West and Strand Ranch recharge basins. This alternative will allow 100 cfs to be diverted when the CVC is flowing in either forward or reverse flow conditions.

Unique Qualifications:

DJA possesses over five years of experience on prior IRWD recharge and recovery projects at the Strand Ranch. In 2011, DJA successfully expedited the design and provided construction management services for the Stockdale West Recharge Facilities Project. As a result of these projects, DJA has detailed and unique knowledge of IRWD's Strand Ranch and Stockdale West facilities.

Construction of the CVC turnout will require extensive coordination with the Kern County Water Agency (KCWA) which will include submitting design and shop drawings for review and approval and submitting inspection and testing records to KCWA on a regular basis. All work within the CVC right-of-way will need to be performed in accordance with KCWA standards and requirements. Based on prior experience on IRWD and other agency projects, DJA is uniquely qualified to perform the necessary coordination and to obtain approvals from KCWA for the CVC turnout, the Kern Water Bank Authority for the crossing of the Pioneer Canal and Rosedale for the crossing of the Rosedale Intake Canal.

Final Design:

Staff recommends that DJA prepare final designs, contract documents and assist with the bidding phase for the Stockdale West Turnout Facilities Project. Staff has negotiated with DJA a scope of work, fee and schedule for these services as attached in Exhibit "B". Staff finds that the proposed design fee is reasonable given the complexity of the project and the associated local coordination requirements. Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with DJA to prepare final designs and contract documents for the project and to provide bid phase support in the amount of \$114,640.

Project Schedule:

The construction of the Stockdale West Turnout Facilities Project is anticipated to coincide with the equipping phase of the three Stockdale West wells following well drilling and construction activities. The project is expected to proceed in accordance with the following:

<u>Item</u>	<u>Date</u>
60% Design Submittal	June 2015
Certification of EIR	July 2015
100% Design Submittal	August 2015
Final Plans Approved	August 2015
Bid Opening	October 2015
Notice of Award	December 2015
Turnout Operational	June 2016

FISCAL IMPACTS:

Staff requests the addition of the Stockdale West Turnout Facilities Project 11875(6145) to the FY 2014-15 Capital Budget as shown. The budget includes funds for the design, construction, construction administration, legal assistance and staff time to complete the project.

<u>Project No.</u>	<u>Current Budget</u>	<u>Addition &lt;Reduction&gt;</u>	<u>Total Budget</u>
11875 (6145)	\$0	\$2,557,500	\$2,557,500

ENVIRONMENTAL COMPLIANCE:

The Stockdale Integrated Banking Project Draft Environmental Impact Report (EIR) is currently being finalized by Rosedale as the Lead Agency and IRWD as a Responsible Agency. The construction and operation of the Stockdale West Turnout Facilities Project has been analyzed in this environmental document. This environmental document has been developed in compliance with the California Environmental Quality Act (CEQA) of 1970 (as amended), codified at California Public Resources Code Sections 21000 et. seq. and the State CEQA Guidelines in the Code of Regulations, Title 14, Division 6, Chapter 3.

COMMITTEE STATUS:

This item was reviewed by the Water Banking Committee on March 19, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE ADDITION OF THE STOCKDALE WEST TURNOUT FACILITIES, PROJECT 11875 (6145) IN THE AMOUNT OF \$2,557,500 TO THE FY 2014-15 CAPITAL BUDGET; AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH DEE JASPAR & ASSOCIATES, INC. IN THE AMOUNT OF \$114,640 FOR ENGINEERING DESIGN AND BID SUPPORT SERVICES FOR THE PROJECT.

Action: Design of Stockdale West Turnout Facilities Project

March 23, 2015

Page 4

**LIST OF EXHIBITS:**

Exhibit "A" – Project location

Exhibit "B" – Dee Jaspar & Associate's Scope of Work and Fee Proposal

EXHIBIT "A"

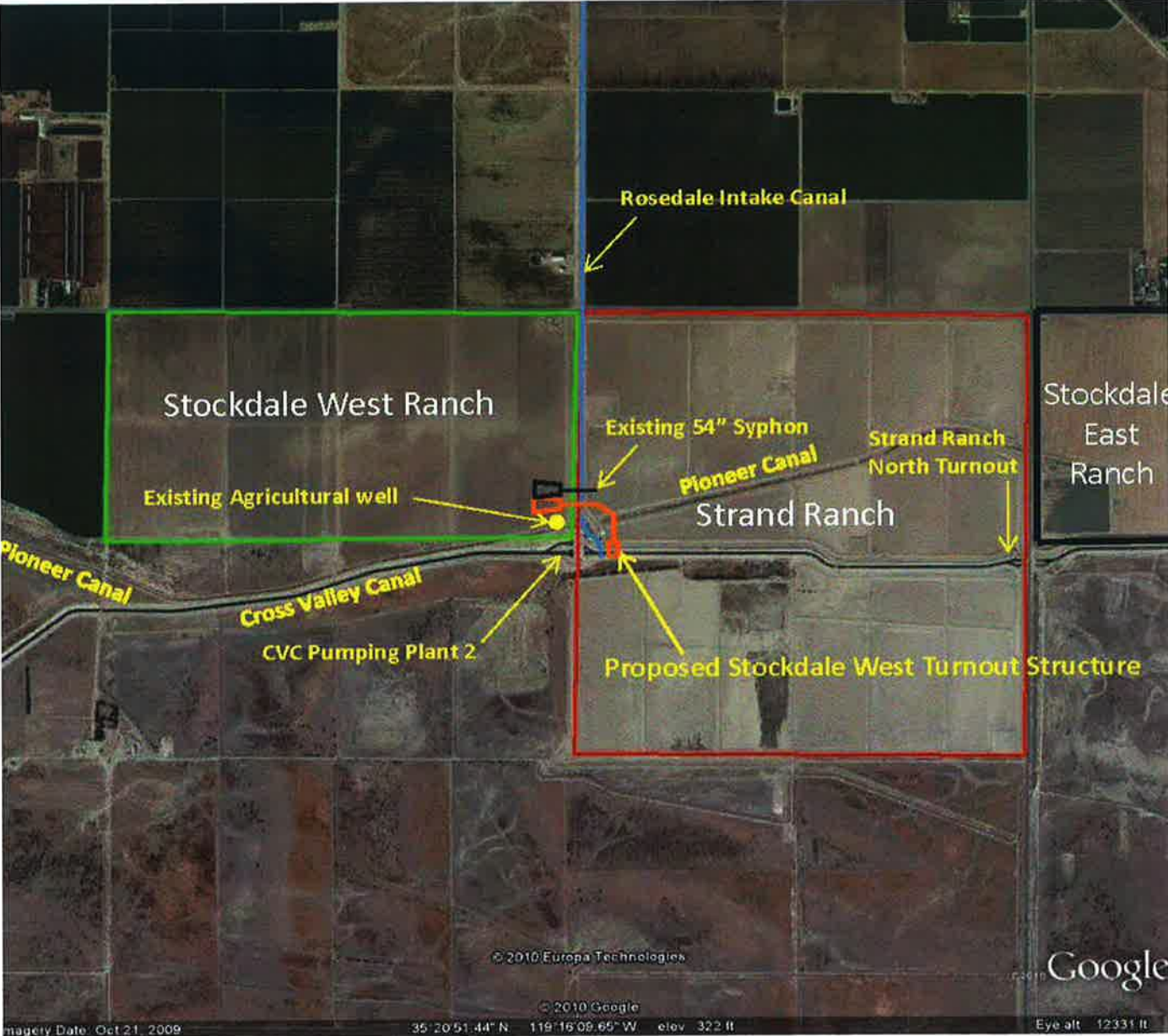




EXHIBIT "B"



# Stockdale West Turnout Facility

*Statement of Qualifications*

Dee Jasper & Associates, Inc.  
2730 Unicorn Rd, Bldg A  
Bakersfield, Ca 93308

Consulting Civil Engineers



**DEE JASPAR & ASSOCIATES, Inc.**  
**FIRM INFORMATION / PROJECT TEAM**

**Dee Jaspar & Associates, Inc.**, founded in 1980 and established as a California corporation in 1982, is a professional civil engineering corporation. For more than thirty years, civil engineers at Dee Jaspar & Associates have specialized in project management, design, and construction administration for both public and private civil projects. Dee Jaspar & Associates, Inc. has offices in Bakersfield and Porterville, CA.

Dee Jaspar & Associates, Inc. currently employs ten (10) full-time and three (3) part-time staff members in its Bakersfield and Porterville offices; (4 Professional Engineers, 2 Staff Engineers (E.I.T.), 1 Drafting Technician, 1 Surveyor, 2 Clerical, and 3 part-time inspectors on an as needed basis).

The primary contact for this project will be the Project Manager, Curtis M. Skaggs, at (661) 393-4796.

**Project Design and Management**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Project Design</li> <li>• Project Management</li> <li>• Construction Administration</li> <li>• Construction Inspection</li> </ul> | <ul style="list-style-type: none"> <li>• Preliminary Design Studies</li> <li>• Budget / Job Costing</li> <li>• Estimating</li> <li>• Scheduling</li> </ul> |
|--|--|

**Civil Design**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Pipeline and Open Channel Design</li> <li>• Pumping Plant Design</li> <li>• Right of Way Surveys</li> <li>• Topographic and Alignment Surveys</li> <li>• Agricultural Water Supply and Distribution Systems</li> <li>• Groundwater Recharge Facilities</li> <li>• Water Storage Reservoirs</li> <li>• Municipal / Industrial Water Supply and Treatment (Groundwater Wells)</li> </ul> | <ul style="list-style-type: none"> <li>• Feasibility Studies</li> <li>• Drainage Studies and Drainage System Design</li> <li>• Flood Studies and Flood Control Systems</li> <li>• Agricultural Drainage Water Re-Use and Disposal Projects</li> <li>• Permit Acquisition</li> </ul> |
|---|---|

**Land Development**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Improvement Plans</li> <li>• Boundary Surveys</li> <li>• ALTA Surveys</li> </ul> | <ul style="list-style-type: none"> <li>• Construction Surveys</li> <li>• Grading Plans</li> <li>• Topographic Surveys</li> </ul> |
|---|--|

**Municipal / Industrial Water Supply**

- Distribution System Design and Analysis
- Pumping Plant Design
- Water Treatment Pilot Studies
- Water Treatment System Design
- Water Well Pilot Studies
- Hydraulic Modeling
- Well Design and Construction Monitoring
- Steel Water Storage Reservoir Design and Construction Monitoring
- Rate Structure Studies and Design
- Plan Checking Services

**Agricultural Water Supply**

- Open Channel Analysis and Design
- Closed Conduit Analysis and Design
- Pumping Plant Design
- Pipeline Alignment Surveys
- Earthen Water Storage Reservoirs
- Flood Control Facility Analysis and Design
- Open Channel Improvement Projects
  - Channel Prism Modification
  - Channel Lining and Liner Extensions
- Right-of-Way Determination and
- Groundwater Recharge

**Clients Served**

Dee Jaspar & Associates, Inc., has served the Kern and Tulare County areas in many capacities including, but not limited to, engineering design, design and construction project team member, preparation of feasibility studies, design of temporary/emergency facilities, construction inspection and administration. Below is a partial list of other Kern and Tulare County clients we serve.

- The City of McFarland
- The City of Shafter
- Vaughn Water Company
- Oildale Mutual Water Company
- Cawelo Water District
- The City of Porterville
- Arvin Community Services District
- Chevron, Inc.
- West Kern Water District
- Ducor Community Services District
- Wheeler Ridge Maricopa Water Storage District

## **PROJECT SCOPE OF WORK**

A Preliminary Design Report (PDR) was prepared by Dee Jaspar & Associates, Inc. that evaluated various alternatives for the conveyance of surface water from the Cross Valley Canal to the Stockdale West Facility. The PDR recommended a Gravity Turnout from the CVC with a 60-inch RCP conveyance pipeline to the Stockdale West Facility as the preferred alternative. The scope of work to perform the engineering design and preparation of contract documents for this alternative is outlined below.

1. DJA will perform field and topographic surveying of the project area in the vicinity of the turnout structure, the pipeline alignment, the canal crossing, and the discharge location. The field survey will include the CVC concrete liner, levee road, and fencing, the RRBWSD concrete liner, levee roads, fencing, and structures, the Strand Ranch levee roads, pond bottoms, and structures, and all surface features such as utility lines and concrete structures.
2. DJA will utilize the field survey information to prepare a project layout and site plan. DJA will obtain and review existing easements in the area such as the PG&E overhead easement and locate these on the site plan. Kleinfelder will perform a preliminary geotechnical investigation in the area of the turnout structure and the pipeline alignment. Selected soil samples obtained during the field exploration will be tested in Kleinfelder's certified laboratory to evaluate certain physical properties that will be necessary to complete the preliminary geotechnical engineering analysis. Results of the geotechnical review, field and laboratory testing program, and engineering analyses will be summarized in a geotechnical engineering report. The report will contain traditional geotechnical recommendations for pipeline construction and additional recommendations including the  $E'_n$  soil modulus for trench wall soil, the  $E'_b$  for use in initial pipe deformation analysis of the pipeline, a recommended  $K_u$  for evaluating the maximum load ( $W_c$ ) on pipes, frictional resistance coefficients ( $\phi$ ) for various pipe types, resistance and deformation information for shallow and deep thrust blocks, lateral earth pressures for use in evaluating shoring, and construction slope permissible gradients. The report will also provide allowable bearing pressures, lateral soil pressures, and potential settlement for concrete structures.
3. DJA will prepare 60% level design plans for the project. These plans will include a cover sheet, site plan, turnout structure plan & elevation views, structural details, pipeline plan & profiles, discharge structure plan & elevation views, and miscellaneous details – total number of sheets estimated as twenty. These plans will be submitted to IRWD for review and comment in digital format and hard copy along with a 60% level project cost estimate. DJA will also review the preliminary plans in Bakersfield with RRBWSD and KCWA Staff to receive initial comments or concerns. A meeting in Irvine will be held with IRWD Staff to review and discuss all comments and concerns.
4. Upon receipt of all comments and concerns, DJA will address and/or incorporate the comments and revisions and prepare 90% level design plans and specifications for the project. The project manual will include the standard IRWD Bid Documents, Agreements/Bonds/Insurance, General Provisions, Special Provisions, General Requirements, and Standard Forms. The technical specifications will include references to the IRWD

Standards. RRBWSD as the lead agency and IRWD as the responsible agency are responsible for the preparation of the environmental impact report. The project manual will address any environmental mitigations that are recommended as part of the project environmental impact report.

5. DJA will submit 90% level design plans and specifications to IRWD, RRBWSD, and KCWA to provide a final review and comment. One digital copy and one hard copy will be provided to each agency. A 90% level Engineer's Estimate will be prepared for IRWD.

6. Upon receipt of all comments and revisions, DJA will address and/or incorporate the items and prepare 100% level design plans, specifications, and final estimate for bidding purposes. DJA will provide the submittal package to KCWA necessary to obtain the appropriate approvals for constructing a new turnout along the CVC. One unbound, signed, and stamped hard copy version, along with electronic files, will be submitted to IRWD for reproduction. IRWD will reproduce the Project Manual, advertise a request for bids, and distribute the Project Manual to prospective bidders.

7. DJA will provide project management and participate in meetings with IRWD and with outside agencies as required. Monthly progress conference calls will be held for the duration of the project schedule. DJA will coordinate communication with the Kern Water Bank Authority, Rosedale Rio-Bravo Water Storage District, and the Kern County Water Agency as required. DJA will also assist with obtaining any necessary permits or project related easements. The anticipated documents that will be required include a license agreement with the Kern County Water Agency to install a Pipeline Turnout Facility along the CVC, Permanent and Temporary Easements with the Kern County Water Agency for facilities within the CVC R/W, and an Encroachment Permit with RRBWSD to cross the Intake Canal.

8. DJA will provide bid assistance including, but not limited to, pre-bid job walks, responding to bid questions, issuing addenda, and reviewing bids. DJA will be responsible for conducting the pre-bid conference with prospective Bidders at or near the project site at a date and time specified in the Project Manual.

**RATE SCHEDULE**

Effective January 1, 2015

**Engineering**

Principal Engineer	\$ 189.00 Per Hour
Expert Witness Work – Principal Engineer	\$ 273.00 Per Hour
Senior Engineer I	\$ 147.00 Per Hour
Senior Engineer II	\$ 131.50 Per Hour
Staff Engineer I	\$ 115.50 Per Hour
Staff Engineer II	\$ 105.00 Per Hour
Design CADD Operator	\$ 94.50 Per Hour
CADD Operator	\$ 68.25 Per Hour

**Surveying**

Private Works	
Surveyor	\$ 115.50 Per Hour
2 Man Survey Crew	\$ 173.25 Per Hour
3 Man Survey Crew	\$ 210.00 Per Hour
Public Works	
Surveyor	\$ 136.50 Per Hour
2 Man Survey Crew	\$ 241.50 Per Hour
3 Man Survey Crew	\$ 315.00 Per Hour

**Construction Inspection**

Construction Inspector B Private Works	\$ 115.50 Per Hour
Construction Inspector B Public Works	\$ 147.00 Per Hour

**Project Planning**

Project Planner	\$ 115.50 Per Hour
Assistant Project Planner	\$ 78.75 Per Hour

**Clerical**

Executive Assistant I	\$ 73.50 Per Hour
Executive Assistant II	\$ 68.25
Per Hour	

**Additional Fees**

Mileage	\$ .56 Per Mile
Black & White Copies	\$ .08 Per Copy
Color Copies	\$ .15 Per Copy
Plotter Prints	\$ 3.50 Per Print
Materials	Cost + 10%
Fees/Permits	Cost + 10%
Subsistence	Cost + 10%
GPS (Global Positioning System, Surveying Equipment)	\$ 200.00 Per Day
GPS (Global Positioning System, Surveying Equipment)	\$ 100.00 Per ½ Day

- Overtime is paid at time and a half
- Mileage and subsistence will not exceed the County Rates and will not be marked up

Dee Jaspar, P.E.

Principal-in-Charge

**EDUCATION:**

BS in Engineering,  
University of California,  
Davis, California 1970

**REGISTRATION:**

CA RCE 23042

**MEMBERSHIPS:**

ASCE Life Member

**Qualifications Summary**

Dee Jaspar is the president of the corporation. He is a registered civil engineer and agricultural engineer in the State of California. He graduated from the University of California at Davis in 1970 with a Bachelor of Science Degree in Engineering.

Mr. Jaspar has been involved in civil engineering projects for the past forty years.

**REPRESENTATIVE EXPERIENCE**

- 1979 to present - Dee Jaspar & Associates, Inc., Civil Engineers, Bakersfield, California

Mr. Jaspar performs design of water storage tanks, canals, pipelines, and pumping plants. He is consultant to municipal and agricultural water purveyors in the Kern County, California area. He performs water system flow analyses, treatment system design, design of pumping plants, water storage reservoirs, pipelines, and wells. Additionally, he performs feasibility studies, rate design, and other engineering services. He has experience in the application of well-head treatment processes, including the application of ozone treatment.

Mr. Jaspar has experience in the design and operation of agricultural water delivery systems. He has provided engineering services for agricultural clients with evaporation ponds, including ground water pollution studies and operational and abandonment plans. He has performed pumping energy use studies including time-of-use rate comparisons. He has designed small earthen dams for irrigation purposes.

Mr. Jaspar has experience in the design and construction of commercial and industrial structures, crane buildings, and foundations for structures. He performs land surveying, construction staking, and mapping. He has experience dealing with land use planning, zoning issues, preparation of site plans, grading plans, and hydrology related to land development.

Mr. Jaspar has performed property line surveys, ALTA surveys, topographic and construction surveys. He has qualified as an expert witness in litigation involving cadastral surveys.

Mr. Jaspar has performed forensic engineering, expert witness, and court testimony for clients dealing with pipeline failures and land surveying.

- 1973 - 1979 - Wheeler Ridge-Maricopa Water Storage District, Bakersfield, California

Staff Engineer 1973 to 1976, Assistant Manager 1977 to 1979.

As Staff Engineer, Mr. Jaspar directed the District's Engineering Department performing studies and designs for this large agricultural water district located south of Bakersfield, California. He designed and analyzed pipelines, pumping systems and District maintenance facilities and buildings. He conducted studies and wrote reports on the District's ground water supplies, perched ground water conditions, pumping energy use, cathodic protection systems, crop production, and helped prepare the annual report of District operations. Mr. Jaspar dealt with water users, District's staff, and consultants.

As Assistant Manager, Mr. Jaspar supervised the District's department heads (Engineering, Operations and Maintenance, and Controller), and dealt with the Board of Directors and other County and State agencies. In this position he assumed greater responsibilities for the District's day to day operation. Additionally, he co-authored a nationally-published technical paper on control of transient pressures in closed conduit systems. This was published by the American Society of Civil Engineers in 1978. In 1978, as co-chairman of a statewide technical advisory committee to a California Energy Commission study on pumping energy use in California agriculture, he made recommendations to the Commission related to the application of time-of-use rate structures for agricultural pumping.

- 1971 - 1973 - James C. Hanson, Consulting Civil Engineer, Sacramento, California

Mr. Jaspar performed hydrology and feasibility studies, design, and construction of water projects in North California. He performed site investigation, design, and construction control for various small dams, pipelines, canals, and pumping stations. He conducted topographic surveys, reservoir operation studies, and prepared and filed water rights applications. Additionally, he performed design of water system-related structures such as small bridges, reinforcement systems for existing dams, and other miscellaneous structures.

- 1970 - 1971 - Washington State Highway Department, Ellensburg, Washington

Mr. Jaspar performed construction layout and quality control testing for an interstate highway project in Central Washington. Additionally, he was crew chief of a survey crew for layout of a large bridge structure.

- 1969 - Guy F. Atkinson Company, New Don Pedro Dam Project, La Grange, California

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As a student summer employee, Mr. Jaspar was employed to perform quality control work at a concrete batch plant, checked surveying notes and calculations, and calculated concrete quantities.

- 1966 - 1968 - U.S. Forest Service, Stanislaus National Forest, Sonora, California

As a student summer employee, Mr. Jaspar was employed first as an instrument man, then as a survey party chief performing preliminary alignment work and construction staking of U.S. Forest Service timber sales roads and related facilities.

Curtis M. Skaggs, P.E.

Project Manager

**EDUCATION:**

BS in Civil and Environmental Engineering, University of Southern California, California 1997

**REGISTRATION:**

RCE 60960

**MEMBERSHIPS:**

ASCE

**Qualifications Summary**

Mr. Skaggs received a Bachelor of Science Degree in Civil and Environmental Engineering from the University of Southern California in 1997. He is a registered civil engineer in the State of California. He is a member of the American Society of Civil Engineers.

Mr. Skaggs offers approximately seventeen years experience as a civil engineer. His experience includes civil design, construction inspection, and management of civil engineering projects for municipal water projects and agricultural water projects. During his career, Mr. Skaggs has developed close working relationships with clients and local agencies to present and complete engineering designs that meet the needs of our clients. He performs the design and specifications for grading plans, water storage tanks, pumping plants, water wells, sewer and storm drain systems, canals, weir structures, pipelines, and well head treatment processes. He performs water distribution system flow modeling, flood modeling, water system plan checking, and other engineering services. His experience includes the preparation of water supply permit applications, compliance with the drinking water source assessment program, and permitting issues.

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**REPRESENTATIVE EXPERIENCE AND PROJECTS**


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- 1997 to present - Dee Jasper & Associates, Inc., Civil Engineers, Bakersfield, California

The following is a list of a few of the projects that Mr. Skaggs has designed beginning from the preparation of plans and specifications through to the completion of the construction process.

- Vaughn Water Company - Three Million Gallon Welded Steel Reservoir and Booster Pumping Station, Bakersfield, CA.  
Performed the design and construction inspection for a 120-foot diameter by 32-foot tall welded steel water storage tank, 7,500 gpm booster pumping station, and 14-inch water pipeline bored and jacked beneath an existing railroad crossing. Design included site grading and layout, water system hydraulic calculations, horsepower calculations, structural calculations, and pipeline design.
- Vaughn Water Company - Water Well Facility with Ozone Treatment, Bakersfield, CA.  
Performed the design and construction inspection for a 1,200-foot deep municipal water well, site grading and layout, 30-foot diameter steel bolted water storage tank, booster pumping station, site piping, and well head ozone treatment system.
- Chevron - Eight-Mile 42-inch Steel Pipeline, Bakersfield, CA.  
Performed the design and construction inspection for an eight-mile, 42-inch diameter, polyurethane lined and coated, welded steel pipeline and appurtenances. Design included pump and pipeline hydraulic calculations, surge analysis, thermal expansion, pipe lining and coating analysis, pig launcher and receiver design, foundation design, thrust block design, and pipeline design.



- Kern County Water Agency - Joint Use Recovery Pipeline Project, Bakersfield, CA. Performed the design and construction for seven, 780-foot deep recovery water wells, pumps, motors, discharge piping, three-miles of conveyance pipeline and appurtenances, concrete inlet structure, slide gate, and miscellaneous appurtenances.
- Cawelo Water District - Pump Station, Canal Improvements, and 60-inch Pipeline in Famoso, CA. Performed the design and construction inspection for canal improvements and miscellaneous concrete structures, a 1,150 hp pump station, motor control building, site piping, one-mile 60-inch pipeline, and inlet and outlet concrete structures. Design included pump hydraulic calculations, horsepower calculations, pipeline design, structural design, foundation design, site grading and layout, open channel flow calculations, and general engineering services.

Matthew Hooker, E.I.T.

Staff Engineer

**EDUCATION:**

BS in Civil Engineering,  
California Polytechnic  
University, San Luis  
Obispo, California,  
California 2003

**Qualifications Summary**

Mr. Hooker graduated from the California Polytechnic University at San Luis Obispo in 2003 with a Bachelor of Science Degree in Civil Engineering.

Mr. Hooker has been with Dee Jasper & Associates, Inc. for ten years and has been involved with feasibility level studies, project design, and project construction. His duties with this firm include land surveying, pipeline design, pumping plant design, water system hydraulic calculations, drainage calculations, preparation of plans, specifications, and estimates as well as construction inspection.

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**REPRESENTATIVE EXPERIENCE AND PROJECTS**

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- Chevron - Eight-Mile 42-inch Steel Pipeline, Bakersfield, CA. Performed the preparation of design plans for an eight-mile, 42-inch diameter, polyurethane lined and coated, welded steel pipeline and appurtenances. Design included pump and pipeline hydraulic calculations, surge analysis, thermal expansion, pipe lining and coating analysis, pig launcher and receiver design, foundation design, thrust block design, and pipeline design.
- Chevron – Three-Mile Pipeline Project, Bakersfield, CA. Performed the design and construction inspection for a three-mile long pipeline that connected the S5 Turnout to the Cawelo Famoso Service Area distribution piping. Design included pipeline hydraulic calculations, pipe materials evaluation, alignment selection, right-of-way acquisition, and preparation of project plans, specifications, and engineer's estimate.
- Cawelo Water District – Conduit "E" and Conduit "F" Pipeline Projects in Famoso, CA. Performed the design and construction inspection for approximately 15-miles of underground pipelines between these two projects. Design included pipeline hydraulic calculations, pipe materials evaluation, alignment selection, right-of-way acquisition, and preparation of project plans, specifications, and engineer's estimate.
- Oildale Mutual Water Company – SSMWC Consolidation Project in Bakersfield, CA. Performed the design and construction inspection for approximately two miles of distribution system piping to connect the Seventh Standard Mutual Water Company to the Oildale Mutual Water Company. The project involved 8", 12", and 16" piping and appurtenances as well as a pipeline bridge crossing over the Lerdo-Beardsley Canal.

Dee Jasper Associates, Inc.  
Consulting Civil Engineers

Irwin Branch Water District Stockdale West Turnout Design Engineering Budget Proposal - January 2015												
Task No.	Task Description	Personal Engineer	Supervisory Engineer	Senior Engineer	Engineer	Senior Designer	Consultation	Summary	CPB, Inc.	DeVries, Inc.	Unassigned	Total
		Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Cost (\$)	Estimated Cost (\$)	Estimated Cost (\$)	
1	Field Surveying of pipeline alignment, existing structures and facilities, and site topography.	2	4	4	4	8	8					\$4,700
2	Project Layout, Review of Easements and Land Ownership, and Soils Investigation.	2	4	4	4					\$12,000	\$200	\$13,420
3	Preparation of 60% level project plans including cover sheet, site plan, pipeline plan and profile, CVC turnout structure details, flow meter and meter vault details, and pipeline outlet.	4	16	120			40		\$10,000			\$31,560
3	Submit 60% level design to IRWD Staff for review and comment. Discuss design, receive comments, and incorporate into design as appropriate.	2	8	8								\$2,480
4,5	Prepares 90% level project plans and specifications. Incorporate comments received from District Staff.	4	16	80			20		\$5,000			\$19,780
4,5	Submit 90% level design to IRWD Staff for review and comment. Discuss design, receive comments, and incorporate into design as appropriate.	2	8	8								\$2,480
4,6	Submit 90% level design to KCWA and RRBWSD Staff for review and comment. Discuss comments, concerns, and issues with Staff. Provide appropriate submittal information as required by KCWA Staff.	2	16	24								\$5,600
6	Prepares 100% level project plans and specifications for bidding purposes. Incorporate comments received from District Staff.	4	16	40			20		\$2,500			\$12,260
6	Submit 100% level design to IRWD Staff for review and comment. Address any final minor issues or comments.	4	8	8								\$2,840
7	Project Management including Meetings, Coordination with KWBA, KCWA, and RRBWSD, etc.	4	24									\$4,080
	<b>Subtotal Engineering Design:</b>											\$23,180
	<b>Bid Assistance:</b>											
8	Prepares pre-bid job walk meeting agenda. Attend and facilitate two project job walks.	4	16	12								\$4,480
8	Respond to bid questions and requests for information.	4	8	16								\$3,840
8	Review bids, prepare bid summary, and bid recommendation letter.	2	8									\$1,480
8	Meetings and correspondence with IRWD Staff	8	16	16								\$5,680
	<b>Subtotal Bid Assistance:</b>											\$15,480
	<b>Total Hours Estimated:</b>	48	168	340	4	8	88	0	17500	12000	200	
	<b>Total Engineering Estimate:</b>	\$3,640	\$23,520	\$42,500	\$520	\$1,840	\$7,920	\$0	\$17,500	\$12,000	\$200	\$114,640

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Table 1

