

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

**September 28, 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:

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.

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**CONSENT CALENDAR**

**Next Resolution No. 2015-26**

**Items 3-5**

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3. MINUTES OF BOARD MEETING

Recommendation: That the minutes of the September 14, 2015 Regular Board Meeting be approved as presented.

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

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

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**CONSENT CALENDAR - Continued**

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5. AUGUST 2015 TREASURY REPORTS

Recommendation: that the Board receive and file the Treasurer's Investment Summary Report, the Monthly Interest Rate Swap Summary for August 2015, and Disclosure Report of Reimbursements to board members and staff; approve the August 2015 Summary of Payroll Ach payments in the total amount of \$1,537,698 and approve the August 2015 Accounts Payable Disbursement Summary of Warrants 360503 through 361184, workers' compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$17,836,145.

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**ACTION CALENDAR**

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6. PROPOSED CHANGES TO SALARY GRADE SCHEDULE, SALARIES, AND PERSONNEL POLICIES AND PROCEDURES FOR SUPERVISORS, MANAGERS, AND CONFIDENTIAL EMPLOYEES

Recommendation: That the Board approve an increase to the Salary Grade Schedule for Supervisory, Management and Confidential positions; approve a Cost of Living Adjustment of 1.51% for eligible employees in these positions; approve the revisions to Policy Nos. 18 and 39; and adopt the following two resolutions by title: 1) Rescinding Resolution No. 2015-14 and establishing revised Salary Grade Schedule for Supervisors, Managers, and Confidential employees; and 2) Rescinding Resolution no. 2014-12 and establishing revised Personnel Policies (for Policy Nos. 18 and 39).

Reso No. 2015-  
Reso No. 2015-

7. ROSEDALE DROUGHT RELIEF PROJECT PIPELINE LETTER AGREEMENT AND BUDGET INCREASE

Recommendation: That the Board authorize the General Manager to execute the letter agreement for constructing the superior east and west pipelines subject to non-substantive changes; and approve an increase to the FY 2015-16 Capital Budget for project 11812 (6023) in the amount of \$507,600 to fund IRWD's share of the construction of the Superior East and West Pipelines as well as consulting services to be provided by Dee Jaspar and Associates for design review and construction oversight assistance.

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## **ACTION CALENDAR**

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8. **BAKER WATER TREATMENT PLANT VARIANCE, CONTRACT CHANGE ORDERS, AND RETENTION REDUCTION**

Recommendation: That the Board authorize the General Manager to execute variance no. 1 in the amount of \$355,900 with carollo engineers for additional construction support services; approve contract change order no. 8 in the credit amount of <\$134,327>, with pcl construction for the baker water treatment plant project, project 11747 (5027); approve contract change order no. 3 in the amount of \$127,236.10 with pacific hydrotech corporation for the baker raw water conveyance facilities, project 11747 (5027); and authorize reduction of retention from 5% to 1% for the baker raw water conveyance facilities construction contract, project 11747 (5027).

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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.

9. A. **General Manager's Report**

B. **Directors' Comments**

C. **CLOSED SESSION:**

- 1). Conference with Legal Counsel relative to anticipated litigation – Government Code Section 54956.9(d)(2) – significant exposure to litigation regarding claim or statement threatening litigation on file with the District (one potential case);
- 2) Conference with Legal Counsel relative to existing litigation – Government Code Section 54956.9(d)(1) – *Bonecki v. IRWD, et al.*, Orange County Superior Court Case No. 30-2015-00809346-CU-HR-CJC.

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**OTHER BUSINESS - Continued**

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9. D. Open Session

E. Adjourn

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Irvine Ranch Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance to the Board of Directors Room of the District Office. The Irvine Ranch Water District Board Room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.), please contact the District Secretary at (949) 453-5300 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

September 14, 2015  
Prepared and  
Submitted by: N. Savedra   
Approved by: P. Cook 

CONSENT CALENDAR

MINUTES OF BOARD MEETING

SUMMARY:

Provided are the minutes of the September 14, 2015 Regular Board Meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE SEPTEMBER 14, 2015 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – Minutes of September 14, 2015

## EXHIBIT "A"

### MINUTES OF REGULAR MEETING – SEPTEMBER 14, 2015

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:05 p.m. by President LaMar on September 14, 2015 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

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

Directors Absent: None

Also Present: General Manager Cook, Executive Director of Finance and Administration Clary, Executive Director of Engineering and Planning Burton, Executive Director of Water Policy Weghorst, Director of Human Resources Roney, Executive Director of Operations Shields, Director of Water Resources Sanchez, Director of Administrative Service Mossbarger, Director of Treasury and Risk Management Jacobson, Assistant Director of Recycling Operations Lee, Recycled Water Development Manager Tettermer, Water Resources Manager Welch, Public Relations Manager Veeh, Legal Counsel Arneson, Assistant Secretary Savedra, Ms. Christine Compton, Ms. Gretchen Ronin, Mr. Bruce Newell, Mr. Jim Reed, Mr. Gregorio Estrada of HDR, and other members of the public and staff.

WRITTEN AND ORAL COMMUNICATIONS: None.

ITEMS TOO LATE TO BE AGENDIZED: None.

### CONSENT CALENDAR

On MOTION by Withers, seconded and unanimously carried, CONSENT CALENDAR ITEMS 3 THROUGH 10 WERE APPROVED AS FOLLOWS:

3. MINUTES OF BOARD MEETING

Recommendation: That the minutes of the August 24, 2015 Regular Board Meeting be approved as presented.

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

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

5. 2015 LEGISLATIVE UPDATE

Recommendation: Receive and file.

CONSENT CALENDAR - Continued

6. ACWA REGION 10 ELECTION FOR THE 2016-2017 TERM

Recommendation: That the Board support the candidates as elected by the ACWA Region 10 Nominating Committee and authorize the General Manager to sign the Region 10 board ballot for the 2016-2017 term.

7. DROUGHT OUTREACH PROGRAM UPDATE AND ADDITIONAL BUDGET FUNDING

Recommendation: That the Board approve an additional \$350,000 in funding for drought outreach and related consulting services and authorize the General Manager to execute a Variance in the amount of \$95,000 with Crocker & Crocker for continued assistance with the District's drought outreach efforts.

8. MICHELSON WATER RECYCLING PLANT PHASE 2 EXPANSION AND FLOOD PROTECTION IMPROVEMENTS FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Michelson Water Recycling Plant Phase 2 Expansion and Flood Protection improvements; 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.

9. VERIFICATION OF SUFFICIENT WATER SUPPLIES FOR CITY OF IRVINE PLANNING AREA 1 ORCHARD HILLS (VESTING TENTATIVE TRACT MAP 16530)

Recommendation: That the Board approve the verification of sufficient water supplies for Planning Area 1 Orchard Hills neighborhood 3 (vesting Tentative Tract Map 16530).

10. VERIFICATION OF SUFFICIENT WATER SUPPLIES FOR CITY OF IRVINE PLANNING AREA 39 PHASE 2 (TENTATIVE TRACT MAP 17759)

Recommendation: That the Board approve the verification of sufficient water supplies for Planning Area 39 Phase 2 (vesting Tentative Tract Map 17759).

ACTION CALENDAR

UTILITY BILLING SYSTEM MANAGED SUPPORT SERVICES

General Manager Cook reported that the District successfully went "live" with its new Oracle Customer Care and Billing (CC&B) utility billing system in August 2014 with Infosys Limited as the District's System Integrator. He said that IRWD required additional resources post-implementation and stabilization to supplement existing staff to support and operate the system. In October 2014, the Board authorized the retention of Infosys to provide additional support and training services through July 2015.

## ACTION CALENDAR - Continued

Director of Administrative Services Mossbarger said that the Utility Billing Software Managed Support Services contract was awarded to Infosys in October 2014 for \$595,000. The contract provided managed support services for the period November 1, 2014 to July 31, 2015. The General Manager extended this contract one month thru August 2015 under a variance due to the impact of the fiscal year rate change that went into effect July 1, 2015. Many system configuration changes associated with the rate change needed additional time to be completed

Mr. Mossbarger said that staff identified the need to continue a managed services agreement for the period August 1, 2015 through June 30, 2016. Under the proposed revised scope, Infosys will provide support for issues involving a high degree of complexity, while District staff will handle routine and less complex requests. The proposed Managed Support Services from September 1, 2015 through June 30, 2016, has been reduced from the previous support contract but is still needed due to internal staffing and resource availability. The proposed support request is for ten months from September 2015 through June 2016, at a total of \$250,000. He said in addition to the Managed Support Services, that staff also identified the need for certain additional one-time projects which staff does not have the existing resources to complete. These projects include: 1) Implementation of a revised bill format to accommodate rate changes in a single bill; 2) Real-time integration of CC&B with the Geographical Information System (GIS) for field activities to avoid shut offs when a customer has made a recent payment; 3) Additional security functionality in the connection fee portal which will prevent inspectors from making unauthorized changes; 4) Automation of the variance calculation functionality for livestock variances; and 5) Conversion of additional data from the legacy system to CC&B to assist the Water Efficiency team in analyzing customer usage.

Mr. Mossbarger said that the fiscal year 2015-16 approved operating budget includes \$341,000 of the recommended contract amount of \$432,000. The total amount for the requested one-time projects is \$116,000, of which \$78,000 relates to the revised bill format.

Director Swan reported that this item was reviewed by the Finance and Personnel Committee on September 1, 2015. On MOTION by Swan, seconded and unanimously carried, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT FOR AN AMOUNT NOT TO EXCEED \$432,000 WITH INFOSYS LIMITED.

## RECYCLED WATER USE SITE INSPECTION AND TESTING CONSULTANT SELECTIONS

General Manager Cook reported that The Irvine Ranch Water District (IRWD) is required by the State Water Resources Control Board, Division of Drinking Water (DDW) to regularly inspect and test for cross connections at many of the recycled water sites throughout its service area to assure compliance with regulatory requirements and best management practices. During Fiscal Year 2014/15, IRWD contracted with a firm to augment staff's efforts to complete inspection and test work in a timely manner. The District again needs these services over the next two years, and staff has requested proposals from qualified firms to conduct field inspections and cross-connection testing at existing recycled water use sites on an on-call basis.

Recycled Water Development Manager Tettermer said that IRWD currently serves recycled water to approximately 5,300 sites that vary in size and complexity. Some are smaller irrigation sites such as medians and parkways that have only recycled water on site, while others are larger irrigation

sites, such as golf courses and homeowners associations that are more complex that also use potable water. IRWD also serves approximately 610 single-family lots, several industrial customers, and over 60 dual-plumbed commercial buildings where recycled water is used for flushing toilets and urinals as well as in cooling towers.

Mr. Tetterer said the type of recycled water use site determines the regulatory requirements for conducting visual inspections and periodic cross-connection tests. The tests confirm that systems are properly identified and that recycled water systems are not connected to a potable water system. Of the approximately 5,300 IRWD recycled water use sites, approximately 1,000 sites are homeowners associations which are required to have inspections and cross-connection tests conducted annually.

Mr. Tetterer said that staff continues working with other water recycling agencies in Orange County to develop reduced frequency requirements for inspection and testing of recycled water use sites. It is anticipated that recommendations will be submitted to DDW for its consideration early next year. IRWD staff is leading the effort in putting together the new requirements. Last year IRWD hired a firm to help supplement staff's efforts in performing recycled water use site inspections and tests. The firm provided these services at 1,746 sites at an average cost of \$261 per site. To continue augmenting staff's efforts for the next two fiscal years, staff recommends retaining the services of two qualified firms to conduct site inspection and testing under the direction of staff.

Mr. Tetterer that staff submitted a Request for Proposal (RFP) to perform recycled water site inspection and testing at 13 different recycled water use site types in IRWD's service area. The scope of work includes contacting each site supervisor to arrange for a field meeting, conducting the field work, completing associated paperwork and providing site supervisor training. The RFP was sent to three firms and two submitted proposals: John Robinson Consulting, Inc. and Real Water Consulting, Inc. Staff has determined that the two firms are nearly equally qualified in terms of experience and qualifications and has negotiated equal costs that are presented in the Scope of Work and Cost Proposal.

Director Matheis reported that this item was reviewed by the Water Resources Policy and Communications Committee on September 8, 2015. Following discussion relative to minimizing the frequency of testing and inspections and the costs involved. On MOTON by Matheis, seconded and unanimously carried, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE PROFESSIONAL SERVICES AGREEMENTS WITH BOTH JOHN ROBINSON CONSULTING, INC. AND REAL WATER CONSULTING INC., EACH IN AN AMOUNT NOT TO EXCEED \$400,000, TO PROVIDE FIELD INSPECTORS TO ASSIST STAFF WITH PERFORMING INSPECTION AND TESTING OF RECYCLED WATER USE SITES OVER THE NEXT TWO YEARS.

#### WATER RECYCLING FUNDINGS PROGRAM APPLICATION

General Manager Cook said that staff is recommending that IRWD pursue Prop 1 funding for a project that will convert the upper sections of Irvine Lake Pipeline to recycled water use.

Water Resources Manager Welch said that the State Water Resources Control Board (SWRCB) is accepting applications for grant funding or State Revolving Fund (SRF) loans through the Water Recycling funding Program (WRFP) for the planning, design and construction of water recycling projects that offset or augment state fresh water supplies. One of the funding sources for WRFP is Prop 1, which provides grant and low interest financing for water recycling projects. Prop 1 provides \$625 million toward recycled water projects, with approximately \$131 million to be appropriated in 2015 and the remainder to be appropriated over the next four years. The Prop 1 funds will be split evenly between loans and grants, with loan repayments being returned back into the program to fund other projects. The low interest loans are at one half of the State of California's most recent general obligation bond rate. The WRFP requires at least a 50 percent local cost share match. Grants for water recycling projects are limited to 35 percent of actual eligible construction costs up to a maximum of \$15 million. The remaining 15 percent can be financed through a Prop 1 loan. The local cost share can be financed through the SRF's low interest loan.

Ms. Welch said that the preliminary design report for the ILP Conversion Project is currently being completed which will be followed by final design activities. The project will convert a portion of the ILP from imported untreated water to recycled water to conserve up to 3,156 AF. The project includes constructing a new 2.4 million gallon buried concrete reservoir, modifications at the Rattlesnake Reservoir Complex and a new distribution pipeline. The estimated total project cost is \$30.8 million, of which staff estimates up to \$8.6 million could be eligible for funding by the Prop 1 grant, \$6.8 million by the Prop 1 loan, and the remaining \$15.4 million for the SRF loan. As part of the application process, a resolution must be adopted by the applicant's governing body that designates an authorized representative to submit an application for grant funding and enter into an agreement with the SWRCB.

Director Matheis reported that this item was reviewed by the Water Resources Policy and Communications Committee on September 8, 2015. Director Swan expressed concern in the District applying for any low-cost loans as with all requirements considered they may exceed the District's borrowing cost and may not be in the best interest of the District. President LaMar suggested that any loan options be brought to the Finance and Personnel Committee. Following discussion, On MOTION by Matheis, seconded and unanimously carried, THAT THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A RELATED AGREEMENT TO RECEIVE GRANT FUNDING AND PROVIDE MATCHING FUNDS; AND ADOPTED THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2015 -25

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT AUTHORIZING THE  
GENERAL MANAGER TO FILE A FUNDING APPLICATION  
FOR DESIGN AND CONSTRUCTION OF THE  
IRVINE LAKE PIPELINE CONVERSION PROJECT WITH  
THE STATE WATER RESOURCES CONTROL BOARD

## GENERAL MANAGER'S REPORT

General Manager Paul Cook said that he had hoped to provide a final water conservation number; however, he said not all the information was in yet, but would be in tomorrow, and that he expects a 19% to 20% rate for the month of August.

Mr. Cook also reported that the Duck Club recently underwent some improvements in the interior of the unit. These improvements were made while the mold remediation was underway. The facilities staff replaced the toilet and installed a new gas range appliance in place of the old antique stove.

Mr. Cook announced the retirement of Operations Supervisor Wayne Wright after 38 years with the District. He invited staff and the board to attend a retirement celebration scheduled for September 30<sup>th</sup>.

Mr. Cook thanked staff for their time and effort at the Drought Survival Expo held on Saturday. He reported that there was an excellent turnout with 1,500 participants in attendance.

## DIRECTORS' COMMENTS

Director Swan reported on meetings he attended including OCWD Board and Committee meetings, a WACO meeting, and a Newport Chamber of Commerce meeting.

Director Reinhart reported on a MWDOC Board workshop and SOCWA Board meeting that he attended.

Director Matheis reported on meetings she attended including an ISDOC Executive Committee Meeting, South Orange County Watershed Workshop and Executive Committee Meeting, a WACO meeting, and a Shadetree Partnership Board meeting. She commented that there will be a Shadetree Nursery Event this Saturday at 8:30 a.m. She thanked Leslie and Tom Bonkowski and Dave Asman for the outstanding job that they do in running the nursery.

Director LaMar reported that he attended a WACO meeting, the Drought Expo and also thanked staff for doing an excellent job. He said the presentation given by Mike Evans of Tree for Life was informative and that he enjoyed it.

IRWD's consultant Newell reported that Santiago Canyon is getting ready for El Nino and the rain that is expected. He also said that the Canyon customers were very satisfied with IRWD's service.

IRWD's consultant Reed said that he attended a WACO meeting, ISDOC Executive Committee Meeting, and SOCWA Board meeting on behalf of the District.

CLOSED SESSION

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

- 1) Conference with Labor Negotiators relative to Government Code Section 54957.6:  
Agency Designated Representatives: Paul Cook and Jenny Roney  
Employee Group: Managers, Supervisors and Confidential Employees
- 2) Conference with Real Property Negotiator relative to Government Code Section 54956.8  
Property: OCSD Service Area 7 Sewer Infrastructure  
Purpose of Negotiations: Proposed Acquisition of Property – Price and Terms
- 3) Conference with Legal Counsel relative to anticipated litigation pursuant to Government Code Section 54956.9(d)(4) (one potential case);

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

President LaMar adjourned the meeting at 8:50 p.m.

APPROVED and SIGNED this 28<sup>th</sup> day of September, 2015.

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President, IRVINE RANCH WATER DISTRICT

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Assistant Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

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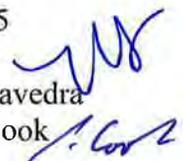
Legal Counsel - Bowie, Arneson, Wiles & Giannone

September 28, 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

09/18/15	IRWD Resident Tour
10/01/15	COAST Meeting at OCFA
10/08/15	2015 Solar Decathlon–Opening Ceremony
10/09/15	UC Irvine’s 50 <sup>th</sup> Anniversary Event
10/14/15	Monthly meeting w/General Manager Paul Cook re:District Activities
10/15/15	Association of California Cities OC-City Leader Reception Event

##### Mary Aileen Matheis

09/29/15	San Juan Basin Authority Stakeholder Workshop
10/4/15	The Irvine Historical Society Event
10/09/15	UC Irvine’s 50 <sup>th</sup> Anniversary Event

##### Douglas Reinhart

10/14/15	ACWA’s 2015 Regulatory Summit, Ontario, CA
10/15/15	Association of California Cities OC-City Leader Reception Event
10/16/15	OCWD 2015 State of the District Event

##### Peer Swan

09/23/15	Southern California Water Dialogue Meeting
10/15/15	Association of California Cities OC-City Leader Reception Event

##### John Withers

10/08/15	2015 Solar Decathlon–Opening Ceremony
10/09/15	UC Irvine’s 50 <sup>th</sup> Anniversary Event
10/15/15	Association of California Cities OC-City Leader Reception Event
10/16/15	OCWD 2015 State of the District Event

RECOMMENDATION:

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

LIST OF EXHIBITS:

None

September 28, 2015

Prepared by: Jennifer Davis/Tanja Fournier

Submitted by: Robert Jacobson/Cheryl Clary

Approved by: Paul Cook

## CONSENT CALENDAR

### AUGUST 2015 TREASURY REPORTS

#### SUMMARY:

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

- A. The Investment Summary Report for August 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 August 31, 2015, as outlined in Exhibit "B".
- C. The Summary of Payroll ACH payments in the total amount of \$1,537,698, as outlined in Exhibit "C".
- D. The August 31, 2015 Disbursement Summary of warrants 360503 through 361184, wire transfers, Workers' Compensation distributions, payroll withholding distributions, and voided checks in the total amount of \$17,836,145 as outlined in Exhibit "D".
- E. The Disclosure Report of Reimbursements to Board Members and Staff for August 2015, detailing payments or reimbursements for individual charges of \$100.00 or more per transaction, as outlined in Exhibit "E".

#### FISCAL IMPACTS:

As of August 31, 2015, the book value of the investment portfolio was \$251,141,492, with a 0.53% rate of return and a market value of \$251,103,919. Based on the District's June 30, 2015 quarterly real estate investment rate of return of 13.31%, the weighted average return for the fixed income and real estate investments was 3.34%.

As of August 31, 2015, the total notional amount of the interest rate swap portfolio was \$130 million of fixed payer swaps. Cash accrual in August from all swaps was negative \$643,932.

Payroll ACH payments totaled \$1,537,698, and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, and water purchases for August totaled \$17,836,145.

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 AUGUST 2015, AND DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF; APPROVE THE AUGUST 2015 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$1,537,698 AND APPROVE THE AUGUST 2015 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 360503 THROUGH 361184, WORKERS' COMPENSATION DISTRIBUTIONS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$17,836,145.

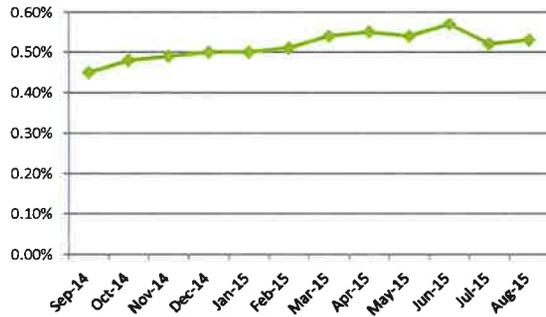
LIST OF EXHIBITS:

- 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

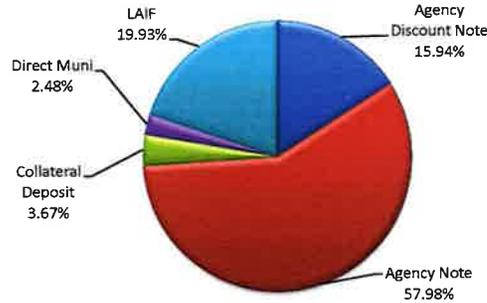
# Exhibit "A"

## Irvine Ranch Water District Investment Portfolio Summary August 2015

**Monthly Fixed Income Yield**



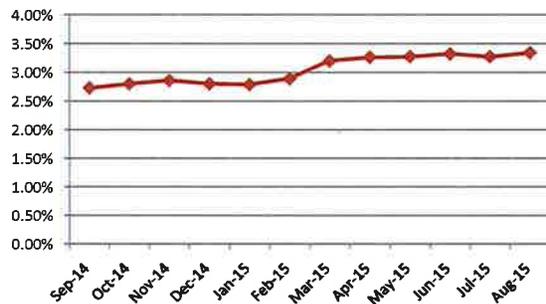
**Portfolio Distribution**



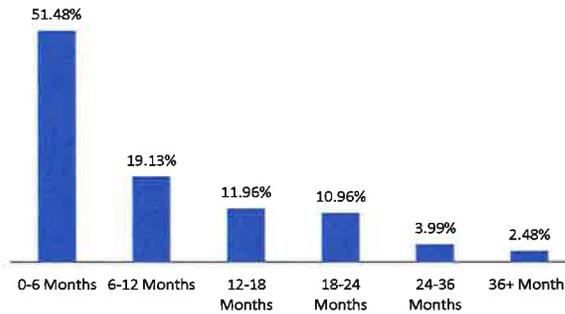
**Investment Summary**

Type	PAR	Book Value	Market Value
Agency Note	145,500,000	145,729,669	145,682,025
LAIF	50,000,000	50,000,000	50,018,799
Agency Discount Note	40,000,000	39,977,828	39,969,100
Collateral Deposit	9,218,131	9,218,131	9,218,131
Direct Muni	6,215,864	6,215,864	6,215,864
<b>Grand Total</b>	<b>250,933,995</b>	<b>251,141,492</b>	<b>251,103,919</b>

**Weighted Average Return Including Real Estate Portfolio**



**Maturity Distribution**



**Top Issuers**

Issuer	PAR	% Portfolio
Fed Home Loan Mortgage Corp	77,500,000	30.88%
Fed Home Loan Bank	58,000,000	23.11%
State of California Treasury - LAIF	50,000,000	19.93%
Fed Natl Mortgage Assoc	25,000,000	9.96%
Fed Farm Credit Bank	20,000,000	7.97%
Citi-Group Collateral	7,008,131	2.79%
ETWD	6,215,864	2.48%
Fed Ag Mortgage Corp	5,000,000	1.99%
Merrill Lynch Collateral	2,210,000	0.88%

IRVINE RANCH WATER DISTRICT  
INVESTMENT SUMMARY REPORT

08/31/15

SETTLMT *	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	YTFC	ORIGINAL COST	CARRY VALUE	MARKET VALUE <sup>(1)</sup> 8/31/2015	UNREALIZED <sup>(2)</sup> GAIN/(LOSS)
08/06/15			09/01/15		LAIF	State of California Tsy	\$50,000,000		0.310%		\$50,000,000.00	\$50,000,000.00	50,018,798.95	18,798.95
05/28/14	N/A	N/A	09/10/15	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.750%	0.165%		5,101,550.00	5,001,944.57	5,002,000.00	55.43
04/23/15	N/A	N/A	09/24/15	NR	FHLMC - Discount Note	Fed Home Loan Mortgage Corp Discount Note	10,000,000	0.081%	0.082%		9,996,556.00	9,999,485.64	9,999,900.00	414.36
05/26/15	N/A	N/A	10/14/15	NR	FHLB - Discount Note	Fed Home Loan Bank Discount Note	5,000,000	0.085%	0.086%		4,998,335.42	4,999,492.36	4,999,500.00	7.64
11/19/14	N/A	N/A	11/18/15	Aaa/NA/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	0.125%	0.193%		4,996,635.00	4,999,278.93	4,999,550.00	271.07
10/09/14	N/A	N/A	12/01/15	Aaa/AA+/NR	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	0.270%	0.233%	0.233%	5,002,100.00	5,000,457.18	5,001,350.00	892.82
10/29/14	N/A	N/A	12/18/15	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	0.300%	0.200%	0.200%	5,005,670.00	5,001,475.57	5,001,800.00	324.43
05/27/14	N/A	N/A	12/21/15	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	0.375%	0.241%		5,010,450.00	5,002,024.35	5,002,400.00	375.65
01/15/13	N/A	07/15/13	01/15/16	NA/AA+/AAA	FHBL - Note	Fed Home Loan Bank	5,000,000	0.375%	0.390%		4,997,750.00	4,999,564.38	5,001,000.00	1,435.62
06/30/15	N/A	N/A	01/25/16	NR	FHBL - Discount Note	Fed Home Loan Bank Discount Note	5,000,000	0.150%	0.152%		4,995,645.83	4,996,958.45	4,995,600.00	(1,358.45)
07/29/15	N/A	N/A	02/24/16	NR	FHLMC - Discount Note	Fed Home Loan Mortgage Corp -Discount Note	10,000,000	0.175%	0.178%		9,989,791.67	9,991,444.45	9,987,200.00	(4,244.45)
04/28/15	N/A	N/A	02/26/16	NR	FNMA - Discount Note	Fed Natl Mortgage Discount Note	10,000,000	0.190%	0.193%		9,983,797.22	9,990,447.22	9,986,900.00	(3,547.22)
03/14/14	Continuous	06/10/14	03/10/16	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.350%	0.413%	0.874%	4,993,750.00	4,998,357.98	4,998,300.00	(57.98)
04/29/14	Continuous after	07/25/14	04/25/16	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.390%	0.448%	0.878%	4,994,250.00	4,997,770.70	4,995,700.00	(2,070.70)
05/20/15	N/A	N/A	05/04/16	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	3,000,000	0.300%	0.315%		2,999,565.00	2,999,694.26	2,998,800.00	(894.26)
05/20/15	N/A	N/A	05/18/16	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	0.250%	0.305%		4,997,285.00	4,998,060.71	4,996,500.00	(1,560.71)
05/20/15	N/A	N/A	05/27/16	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	2.500%	0.304%		5,111,650.00	5,080,519.71	5,077,150.00	(3,369.71)
06/04/15	N/A	N/A	06/20/16	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	0.340%	0.355%		4,999,200.00	4,999,386.39	4,996,000.00	(3,386.39)
07/01/15	N/A	N/A	06/24/16	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	0.375%	0.345%		5,001,450.00	5,001,199.58	4,998,100.00	(3,099.58)
11/20/14	N/A	N/A	06/27/16	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.375%	0.424%		4,996,091.65	4,997,995.72	4,996,250.00	(1,745.72)
05/08/14	N/A	N/A	07/05/16	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	0.375%	0.484%		4,988,300.00	4,995,432.70	4,996,900.00	1,467.30
04/29/14	Continuous after	07/29/14	07/29/16	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.550%	0.550%	0.550%	5,000,000.00	5,000,000.00	5,000,250.00	250.00
06/09/15	N/A	N/A	08/22/16	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	10,000,000	2.000%	0.467%		10,184,900.00	10,149,839.95	10,144,900.00	(4,939.95)
06/15/15	N/A	N/A	10/13/16	NR	FAMCA - Note	Fed Ag Mortgage Corp	5,000,000	0.970%	0.578%		5,025,900.00	5,021,743.21	5,024,650.00	2,906.79
11/28/14	Quarterly	05/15/15	11/15/16	Aaa/AA+/NR	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.600%	0.600%	0.600%	5,000,000.00	5,000,000.00	4,998,050.00	(1,950.00)
12/19/13	Quarterly	06/19/14	12/19/16	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.750%	0.750%	0.750%	5,000,000.00	5,000,000.00	4,996,000.00	(4,000.00)
12/20/13	Quarterly	06/19/14	12/19/16	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.750%	0.755%	0.755%	4,999,250.00	4,999,674.66	4,996,000.00	(3,674.66)
06/15/15	N/A	06/13/14	03/30/17	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	0.625%	0.727%		4,990,950.00	4,992,029.36	4,993,600.00	1,570.64
10/28/14	Quarterly	01/28/15	04/28/17	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	10,000,000	0.820%	0.820%	0.820%	10,000,000.00	10,000,000.00	9,981,900.00	(18,100.00)
08/27/15	N/A	N/A	05/30/17		FHBL - Note	Fed Home Loan Bank	5,000,000	0.625%	0.642%		4,998,500.00	4,998,511.68	4,996,450.00	(2,061.68)
03/30/15	Quarterly	06/30/15	06/30/17	Aaa/AA+/NR	FHLMC - Note	Fed Home Loan Mortgage Corp	7,500,000	0.875%	0.875%	0.875%	7,500,000.00	7,500,000.00	7,500,375.00	375.00
10/24/14	Continuous after	09/18/13	09/18/17	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.980%	1.033%	1.033%	4,992,500.00	4,994,707.55	4,996,850.00	2,142.45
07/29/15	Continuous after	01/16/13	10/16/17	Aaa/AA+/NR	FHBL - Note	Fed Home Loan Bank	5,000,000	1.000%	0.997%		5,000,000.00	5,000,000.00	4,991,200.00	(8,800.00)
05/30/15	N/A	N/A	04/30/36	NR	Direct Muni	ETWD	6,215,864	4.570%	4.570%	4.570%	6,215,863.76	6,215,863.76	6,215,863.76	
SUB-TOTAL							\$241,715,864				\$242,067,686.55	\$241,923,361.01	\$241,885,787.71	(\$37,573.30)
RESTRICTED CASH (Swap Collateral Deposits) <sup>(3)</sup>														
06/01/15					Collateral Deposit	Citi-Group	\$7,008,131		0.080%		\$7,008,131.46	\$7,008,131.46	7,008,131.46	
05/29/15					Collateral Deposit	Merrill Lynch	\$2,210,000		0.080%		\$2,210,000.00	\$2,210,000.00	2,210,000.00	
SUB-TOTAL							\$9,218,131				\$9,218,131.46	\$9,218,131.46	\$9,218,131.46	
TOTAL INVESTMENTS							\$250,933,995				\$251,285,818.01	\$251,141,492.47	\$251,103,919.17	
				August	Petty Cash Ck Balance	Bank of America					3,400.00			
											3,261,641.29			
											\$254,550,859.30			

<sup>(1)</sup> LAIF market value is as of the most recent quarter-end as reported by LAIF  
<sup>(2)</sup> Security market values are determined using Bank of New York ("Trading Prices"), Bloomberg and/or broker dealer pricing  
<sup>(3)</sup> Gain (loss) calculated against carry value using the trading value provided by Bank of New York/Brokers  
<sup>(4)</sup> Real estate rate of return is based on most recent quarter end return  
<sup>(5)</sup> Calculation excludes Direct Muni - ETWD  
<sup>(6)</sup> Swap Collateral Deposits assumes 6 month maturity, dependent on interest rate changes

Outstanding Variable Rate Debt \$327,300,000  
 Net Outstanding Variable Rate Debt (Less \$130 million fixed-payer swaps) \$197,300,000  
 Investment Balance: \$254,550,859  
 Investment to Variable Rate Debt Ratio: 129%  
 Portfolio - Average Number of Days To Maturity<sup>(6)</sup> 240

	Investment Portfolio	Real Estate <sup>(3)</sup> Portfolio	Weighted Avg. Return
August	0.53%	13.31%	3.34%
July	0.52%	13.31%	3.27%
Change	0.01%		

This Investment Summary Report is in conformity with the 2015 Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures  
 \*S - Step up

IRVINE RANCH WATER DISTRICT  
SUMMARY OF MATURITIES

08/31/15

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Collateral Deposit	Direct Muni
08/15	\$50,000,000	19.93%	\$50,000,000				
09/15	15,000,000	5.98%		5,000,000	10,000,000		
10/15	5,000,000	1.99%			5,000,000		
11/15	14,218,131	5.67%		5,000,000		\$9,218,131	
12/15	15,000,000	5.98%		15,000,000			
01/16	10,000,000	3.99%		5,000,000	5,000,000		
02/16	20,000,000	7.97%			20,000,000		
03/16	5,000,000	1.99%		5,000,000			
04/16	5,000,000	1.99%		5,000,000			
05/16	13,000,000	5.18%		13,000,000			
06/16	15,000,000	5.98%		15,000,000			
07/16	10,000,000	3.99%		10,000,000			
<b>SUB-TOTAL</b>	<b>\$177,218,131</b>	<b>70.62%</b>	<b>\$50,000,000</b>	<b>\$78,000,000</b>	<b>\$40,000,000</b>	<b>\$9,218,131</b>	
<b>13 Months - 3 YEARS</b>							
08/01/16 - 9/30/2016	10,000,000	3.99%		10,000,000			
10/01/16 - 12/31/2016	20,000,000	7.97%		20,000,000			
1/1/2017 - 3/31/2017	5,000,000	1.99%		5,000,000			
04/01/17-06/30/17	22,500,000	8.97%		22,500,000			
07/01/17 - 9/30/2017	5,000,000	1.99%		5,000,000			
10/30/17 - 12/31/2017	5,000,000	1.99%		5,000,000			
	-						
04/30/2036	6,215,864	2.48%					6,215,864
<b>TOTALS</b>	<b>\$250,933,995</b>	<b>100.00%</b>	<b>\$50,000,000</b>	<b>\$145,500,000</b>	<b>\$40,000,000</b>	<b>\$9,218,131</b>	<b>\$6,215,864</b>

% OF PORTFOLIO			19.93%	57.98%	15.94%	3.67%	2.48%
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Irvine Ranch Water District  
 Summary of Real Estate  
 6/30/2015

	<u>ACQUISITION DATE</u>	<u>PROPERTY TYPE</u>	<u>OWNERSHIP INTEREST</u>	<u>ORIGINAL COST</u>	<u>RATE OF RETURN QUARTER ENDED Jun-15</u>
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	17.77%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	8.56%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	4.03%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	5.31%
Sand Canyon Professional Center	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	8.33%
				<u>\$ 72,569,826</u>	<u>13.31%</u>

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

**MATURITIES/SALES/CALLS**

**PURCHASES**

DATE	SECURITY TYPE	PAR	YIELD	Settlement Date	Maturity Date	SECURITY TYPE	PAR	YIELD TO MATURITY
8/27/2015	FFCB - Note	\$5,000,000	0.98%	8/27/2015	5/30/2017	FHLB - Note	\$5,000,000	0.64%
8/28/2015	FHLMC - Note	\$2,000,000	0.23%					
8/28/2015	FHLB - Note	\$8,000,000	0.23%					

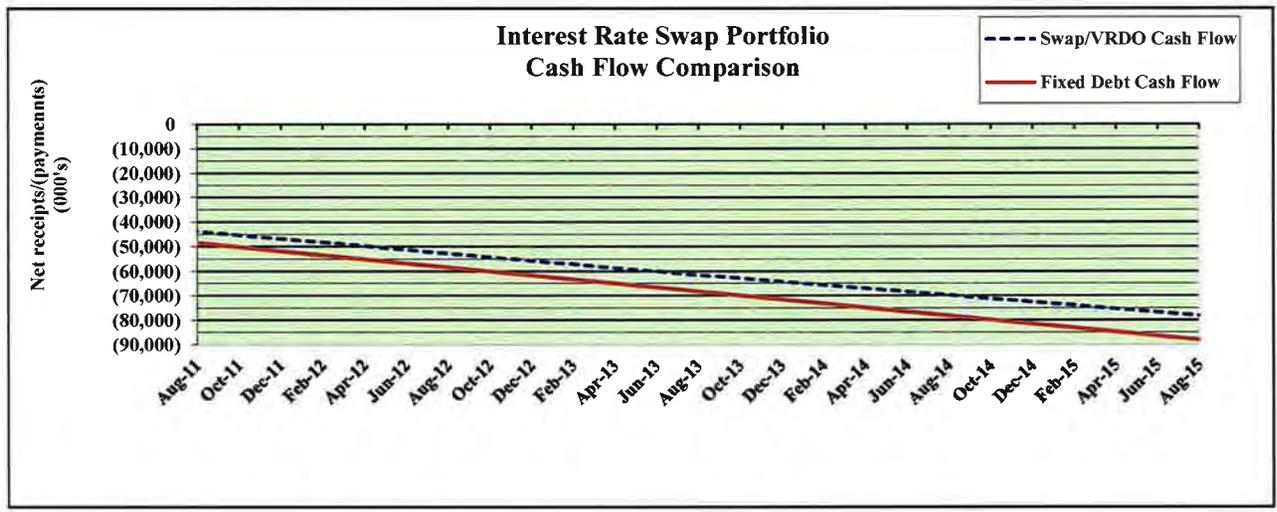
IRVINE RANCH WATER DISTRICT  
 INTEREST RATE SWAP MONTHLY SUMMARY REPORT - DETAIL  
 August 31, 2015

LIBOR Avg %	Prior Mo. 0.19%	Current Mo. 0.20%	12-Mo Avg 0.17%
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Current Fiscal Year Active Swaps								Cash Flow				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	3.8	ML	\$ 20,000,000	FXP	LIBOR	6.200%	(100,203)	(103,377)	\$ (203,580)	\$ (8,858,547)	\$ 16,319,423	\$ (3,680,577)
6/4/2006	6/4/2019	3.8	CG	20,000,000	FXP	LIBOR	6.200%	(100,203)	(103,377)	(203,580)	(8,858,547)	16,320,520	(3,679,480)
6/17/2006	6/17/2019	3.8	CG	30,000,000	FXP	LIBOR	6.140%	(148,860)	(153,512)	(302,372)	(13,140,275)	24,507,845	(5,492,155)
3/10/2007	3/10/2029	13.5	ML	30,000,000	FXP	LIBOR	5.687%	(137,486)	(141,833)	(279,319)	(11,789,127)	18,267,471	(11,732,529)
3/10/2007	3/10/2029	13.5	CG	30,000,000	FXP	LIBOR	5.687%	(137,486)	(141,833)	(279,319)	(11,789,127)	18,218,822	(11,781,178)
Totals/Weighted Avgs				8.3				\$ (624,238)	\$ (643,932)	\$ (1,268,170)	\$ (54,435,624)	\$ 93,634,081	\$ (36,365,919)
Total Current Year Active Swaps					\$ 130,000,000			\$ (624,238)	\$ (643,932)	\$ (1,268,170)	\$ (54,435,624)	\$ 93,634,081	\$ (36,365,919)

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
Total Current Year Terminated Swaps								\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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								
\$ (624,238)	\$ (643,932)	\$ (1,268,170)	\$ (54,435,624)	\$ 93,634,081	\$ (36,365,919)								



Cash Flow Comparison Synthetic Fixed vs. Fixed Rate Debt	
Cash Flow to Date	
Synthetic Fixed =	\$78,144,921
Fixed Rate =	\$96,275,887
<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**

**August  
2015**

	AMOUNT	VENDOR	PURPOSE
8/4/2015	776,848.17	BANK OF AMERICA	ACH Payments for Payroll
8/21/2015	760,849.78	BANK OF AMERICA	ACH Payments for Payroll
	<u><b>\$1,537,697.95</b></u>		

Exhibit "D"

>

IRWD Ledger

Void Payment Register

Report Date: 17-SEP-2015 17:30

Include Zero Amount Payments: Yes  
 Display Payee Address: No

Period From: 01-AUG-15

Page: 1  
 To: 31-AUG-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						
358384	07-MAY-15	ZHANG, SHU-TIAN		PAY	22.10	31-AUG-15
359677	29-JUN-15	BONTERRA CONSULTING LLC		PURCHASE	1,416.95	13-AUG-15
360000	09-JUL-15	SIMI VALLEY LANDFILL AND RE	LOS ANGELES		732.29	12-AUG-15
360522	06-AUG-15	ANTHEM BLUE CROSS	LOS ANGELES		3,517.82	11-AUG-15
360653	06-AUG-15	WAXIE'S ENTERPRISES, INC	LOS ANGELES		1,145.86	17-AUG-15
361026	20-AUG-15	THE GAS COMPANY	MONTEREY PARK 1		4,243.12	20-AUG-15

Payment Document Subtotal 11,078.14

Bank Account Subtotal 11,078.14

Report Count: 6

Report Total 11,078.14 Total Voids

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

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IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360503		03-AUG-15	STATE BOARD OF EQUALIZATION	PO BOX 942879	1,200.65	11-AUG-15	1,200.65	Reconciled
360504		03-AUG-15	JCI JONES CHEMICALS INC	CINCINNATI	3,699.89	07-AUG-15	3,699.89	Reconciled
360505		06-AUG-15	Murphy, Alexander J (Alexander)		115.00	11-AUG-15	115.00	Reconciled
360506		06-AUG-15	Cascelli, Craig M (Craig)		240.00	17-AUG-15	240.00	Reconciled
360507		06-AUG-15	McBride, Damien J		79.00	11-AUG-15	79.00	Reconciled
360508		06-AUG-15	Chaney, David (Dave)		250.00	10-AUG-15	250.00	Reconciled
360509		06-AUG-15	Jackson, Gina C (Gina)		115.85	10-AUG-15	115.85	Reconciled
360510		06-AUG-15	Shih, Han-Tsuei (Josephine)		369.09	20-AUG-15	369.09	Reconciled
360511		06-AUG-15	Pan, Jenny W (Jenny)		100.00	24-AUG-15	100.00	Reconciled
360512		06-AUG-15	Craig, Jessica T (Jessica)		576.82	06-AUG-15	576.82	Reconciled
360513		06-AUG-15	Hayes, John H (John)		200.00	17-AUG-15	200.00	Reconciled
360514		06-AUG-15	Robinson, Mitchell S		275.20	07-AUG-15	275.20	Reconciled
360515		06-AUG-15	3M COMPANY		238.25	10-AUG-15	238.25	Reconciled
360516		06-AUG-15	ADS LLC		1,936.50	10-AUG-15	1,936.50	Reconciled
360517		06-AUG-15	AIRGAS, INC.		379.67	10-AUG-15	379.67	Reconciled
360518		06-AUG-15	ALEXANDER'S CONTRACT SERVICES, INC.		108,617.65	12-AUG-15	108,617.65	Reconciled
360519		06-AUG-15	ALPHA TRAFFIC SERVICES, INC.		570.00	10-AUG-15	570.00	Reconciled
360520		06-AUG-15	AMERIDEX PLATE EXCHANGERS		15,758.88	13-AUG-15	15,758.88	Reconciled
360521		06-AUG-15	AMIDI, MAHMOUD		37.62	11-AUG-15	37.62	Reconciled
360522		06-AUG-15	ANTHEM BLUE CROSS		3,517.82			Voided
360523		06-AUG-15	APPLIED INDUSTRIAL TECHNOLOGIES - CA LLC		11.59	10-AUG-15	11.59	Reconciled
360524		06-AUG-15	ARC-ZONE.COM, INC		1,327.92	10-AUG-15	1,327.92	Reconciled
360525		06-AUG-15	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA		33,659.97	13-AUG-15	33,659.97	Reconciled
360526		06-AUG-15	AT&T		51.38	11-AUG-15	51.38	Reconciled
360527		06-AUG-15	AT&T		3,071.19	10-AUG-15	3,071.19	Reconciled
360528		06-AUG-15	BANK OF AMERICA		22,092.66	11-AUG-15	22,092.66	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360529		06-AUG-15	BANK OF NEW YORK MELLON TRUST COMPANY NA		7,500.00	10-AUG-15	7,500.00	Reconciled
360530		06-AUG-15	BATTERY SPECIALTIES		475.12	19-AUG-15	475.12	Reconciled
360531		06-AUG-15	BIN JUMA, FAHAD		55.15			Negotiable
360532		06-AUG-15	BONTERRA CONSULTING LLC		14,344.00	12-AUG-15	14,344.00	Reconciled
360533		06-AUG-15	BOOT BARN INC		69.01	14-AUG-15	69.01	Reconciled
360534		06-AUG-15	BROOKFIELD IRVINE SIXTY LLC		1,057.42	21-AUG-15	1,057.42	Reconciled
360535		06-AUG-15	BURLINGTON SAFETY LABORATORY OF CALIFORNIA INC		769.84	10-AUG-15	769.84	Reconciled
360536		06-AUG-15	C WELLS PIPELINE MATERIALS INC		36,723.18	13-AUG-15	36,723.18	Reconciled
360537		06-AUG-15	CALIFORNIA BARRICADE INC		9,919.00	10-AUG-15	9,919.00	Reconciled
360538		06-AUG-15	CAPTIVE AUDIENCE MARKETING INC.		85.32	11-AUG-15	85.32	Reconciled
360539		06-AUG-15	CHABOT, SHANNON		106.95	31-AUG-15	106.95	Reconciled
360540		06-AUG-15	CHANG, CHRIS		25.43	11-AUG-15	25.43	Reconciled
360541		06-AUG-15	CHAVEZ, PEDRO		796.50	11-AUG-15	796.50	Reconciled
360542		06-AUG-15	CITY OF TUSTIN		266.47	10-AUG-15	266.47	Reconciled
360543		06-AUG-15	CLARK, KEVIN		52.89	10-AUG-15	52.89	Reconciled
360544		06-AUG-15	CLEARINGHOUSE		477.67	10-AUG-15	477.67	Reconciled

360545	06-AUG-15	COMMERCIAL DOOR OF ORANGE COUNTY, INC.	492.80	11-AUG-15	492.80	Reconciled
360546	06-AUG-15	COUNTY OF ORANGE	1,897.50	13-AUG-15	1,897.50	Reconciled
360547	06-AUG-15	CREDENTIAL CHECK CORPORATION	137.12	10-AUG-15	137.12	Reconciled
360548	06-AUG-15	DATAZEO, INC.	71.52	11-AUG-15	71.52	Reconciled
360549	06-AUG-15	DAVID R BRIERLEY	42.00	17-AUG-15	42.00	Reconciled
360550	06-AUG-15	DEERING, SUSAN	128.95	10-AUG-15	128.95	Reconciled
360551	06-AUG-15	DISCOVERY SCIENCE CENTER	7,000.00	10-AUG-15	7,000.00	Reconciled
360552	06-AUG-15	DRAEGER SAFETY INC	6,327.49	11-AUG-15	6,327.49	Reconciled
360553	06-AUG-15	DUH, ANNIE	72.33	01-SEP-15	72.33	Reconciled
360554	06-AUG-15	EMERALD COURT APARTMENTS	5,481.02	11-AUG-15	5,481.02	Reconciled
360555	06-AUG-15	ENVIRONMENTAL EXPRESS INC	6,938.93	11-AUG-15	6,938.93	Reconciled
360556	06-AUG-15	ENVIRONMENTAL SCIENCE ASSOCIATES	1,761.25	11-AUG-15	1,761.25	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360557		06-AUG-15	EVANTEC CORPORATION		104.77	10-AUG-15	104.77	Reconciled
360558		06-AUG-15	FIDELITY SECURITY LIFE INSURANCE COMPANY		6,243.34	13-AUG-15	6,243.34	Reconciled
360559		06-AUG-15	FISHER SCIENTIFIC COMPANY LLC		2,428.44	10-AUG-15	2,428.44	Reconciled
360560		06-AUG-15	FLOW SCIENCE INCORPORATED		1,453.50	18-AUG-15	1,453.50	Reconciled
360561		06-AUG-15	FLW, INC.		6,915.25	11-AUG-15	6,915.25	Reconciled
360562		06-AUG-15	FONTNOT, KIARA		31.60	18-AUG-15	31.60	Reconciled
360563		06-AUG-15	FRANK LA PLACA EXTERMINATING INC		175.00	10-AUG-15	175.00	Reconciled
360564		06-AUG-15	GRAINGER		1,405.00	10-AUG-15	1,405.00	Reconciled
360565		06-AUG-15	GUAN, DE		16.19	10-AUG-15	16.19	Reconciled
360566		06-AUG-15	HACH COMPANY		11,359.59	14-AUG-15	11,359.59	Reconciled
360567		06-AUG-15	HACKETT PRINTING		170.10	10-AUG-15	170.10	Reconciled
360568		06-AUG-15	HARRINGTON INDUSTRIAL PLASTICS LLC		2,375.11	10-AUG-15	2,375.11	Reconciled
360569		06-AUG-15	HDR ENGINEERING INC		134,310.15	14-AUG-15	134,310.15	Reconciled
360570		06-AUG-15	HELPMATES STAFFING SERVICES		17,486.14	13-AUG-15	17,486.14	Reconciled
360571		06-AUG-15	HIGHLAND, KAYO		33.07	10-AUG-15	33.07	Reconciled
360572		06-AUG-15	HILL BROTHERS CHEMICAL COMPANY		8,716.85	10-AUG-15	8,716.85	Reconciled
360573		06-AUG-15	HILL BROTHERS CHEMICAL COMPANY		1,254.80	10-AUG-15	1,254.80	Reconciled
360574		06-AUG-15	HOME DEPOT USA INC		660.72	13-AUG-15	660.72	Reconciled
360575		06-AUG-15	HYDRANAUTICS		4,090.95	10-AUG-15	4,090.95	Reconciled
360576		06-AUG-15	INDUSTRIAL ELECTRIC MACHINERY LLC		577.41	11-AUG-15	577.41	Reconciled
360577		06-AUG-15	INDUSTRIAL METAL SUPPLY CO		176.39	13-AUG-15	176.39	Reconciled
360578		06-AUG-15	IRVINE PIPE & SUPPLY INC		1,319.47	10-AUG-15	1,319.47	Reconciled
360579		06-AUG-15	IRWD EMPLOYEE ASSOCIATION		750.00	07-AUG-15	750.00	Reconciled
360580		06-AUG-15	IRWD-PETTY CASH CUSTODIAN		1,111.11	07-AUG-15	1,111.11	Reconciled
360581		06-AUG-15	JOHN MICHAEL COVAS		194.20	18-AUG-15	194.20	Reconciled
360582		06-AUG-15	KENNY THE PRINTER		57.24	10-AUG-15	57.24	Reconciled
360583		06-AUG-15	KLEINFELDER, INC.		26,601.61	11-AUG-15	26,601.61	Reconciled
360584		06-AUG-15	KO, STEVE		24.29	08-SEP-15	24.29	Reconciled

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 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								
360585		06-AUG-15	KONECRANES INC		395.00	10-AUG-15	395.00	Reconciled
360586		06-AUG-15	KWONG, CHRISTINA		39.78	14-AUG-15	39.78	Reconciled
360587		06-AUG-15	KYLMAMAA, MARKO		23.59			Negotiable
360588		06-AUG-15	LTM, STUART		27.63	11-AUG-15	27.63	Reconciled
360589		06-AUG-15	MA, HILLARY		101.61	04-SEP-15	101.61	Reconciled
360590		06-AUG-15	MALIK, SAMAH		40.84	17-AUG-15	40.84	Reconciled
360591		06-AUG-15	MBC APPLIED ENVIRONMENTAL		1,300.00	11-AUG-15	1,300.00	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
360592	06-AUG-15	06-AUG-15	SCIENCES MC MASTER CARR SUPPLY CO		1,744.52	11-AUG-15	1,744.52	Reconciled
360593	06-AUG-15	06-AUG-15	MCCORMICK, RYANN		26.12	18-AUG-15	26.12	Reconciled
360594	06-AUG-15	06-AUG-15	MCGUIREWOODS LLP		16,035.16	17-AUG-15	16,035.16	Reconciled
360595	06-AUG-15	06-AUG-15	MCR TECHNOLOGIES INC		64,833.17	14-AUG-15	64,833.17	Reconciled
360596	06-AUG-15	06-AUG-15	MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED		25,108.52	14-AUG-15	25,108.52	Reconciled
360597	06-AUG-15	06-AUG-15	MOODY'S INVESTORS SERVICE INC		8,000.00	10-AUG-15	8,000.00	Reconciled
360598	06-AUG-15	06-AUG-15	MSC INDUSTRIAL SUPPLY CO		1,386.29	13-AUG-15	1,386.29	Reconciled
360599	06-AUG-15	06-AUG-15	NATIONAL SPECIALITY ALLOYS LLC		507.60	11-AUG-15	507.60	Reconciled
360600	06-AUG-15	06-AUG-15	NATURES IMAGE INC		2,826.65	10-AUG-15	2,826.65	Reconciled
360601	06-AUG-15	06-AUG-15	NCL OF WISCONSIN INC		102.26	11-AUG-15	102.26	Reconciled
360602	06-AUG-15	06-AUG-15	NGUYEN, JAN		351.96	28-AUG-15	351.96	Reconciled
360603	06-AUG-15	06-AUG-15	NORMANDIA, MICHAEL		61.86	11-AUG-15	61.86	Reconciled
360604	06-AUG-15	06-AUG-15	OLIN CORPORATION		16,024.31	14-AUG-15	16,024.31	Reconciled
360605	06-AUG-15	06-AUG-15	ONESOURCE DISTRIBUTORS LLC		1,953.10	10-AUG-15	1,953.10	Reconciled
360606	06-AUG-15	06-AUG-15	ORANGE COUNTY TREASURER		2,900.00	17-AUG-15	2,900.00	Reconciled
360607	06-AUG-15	06-AUG-15	OZONIA NORTH AMERICA, LLC		2,709.66	10-AUG-15	2,709.66	Reconciled
360608	06-AUG-15	06-AUG-15	PASHUA, MAHABOOB		38.85	10-AUG-15	38.85	Reconciled
360609	06-AUG-15	06-AUG-15	PAYNE & FEARS LLP		1,819.00	10-AUG-15	1,819.00	Reconciled
360610	06-AUG-15	06-AUG-15	PERS LONG TERM CARE		851.14	12-AUG-15	851.14	Reconciled
360611	06-AUG-15	06-AUG-15	PINNACLE TOWERS LLC		640.42	11-AUG-15	640.42	Reconciled
360612	06-AUG-15	06-AUG-15	PRAXAIR DISTRIBUTION INC		2,754.19	13-AUG-15	2,754.19	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360613	06-AUG-15	06-AUG-15	PTI SAND & GRAVEL INC		1,124.71	11-AUG-15	1,124.71	Reconciled
360614	06-AUG-15	06-AUG-15	PURE EFFECT INC		6,943.76	11-AUG-15	6,943.76	Reconciled
360615	06-AUG-15	06-AUG-15	QUINN RENTAL SERVICES		739,983.73	12-AUG-15	739,983.73	Reconciled
360616	06-AUG-15	06-AUG-15	RAM AIR ENGINEERING INC		1,467.38	11-AUG-15	1,467.38	Reconciled
360617	06-AUG-15	06-AUG-15	S L RESIDENTIAL		1,135.99	12-AUG-15	1,135.99	Reconciled
360618	06-AUG-15	06-AUG-15	S&S SEEDS INC		7,508.80	10-AUG-15	7,508.80	Reconciled
360619	06-AUG-15	06-AUG-15	SANTA ANA BLUE PRINT		459.64	11-AUG-15	459.64	Reconciled
360620	06-AUG-15	06-AUG-15	SANTA MARGARITA FORD		426.50	11-AUG-15	426.50	Reconciled
360621	06-AUG-15	06-AUG-15	SCHINDLER ELEVATOR CORPORATION		180.14	11-AUG-15	180.14	Reconciled
360622	06-AUG-15	06-AUG-15	SCHULER ENGINEERING CORPORATION		27,996.50	12-AUG-15	27,996.50	Reconciled
360623	06-AUG-15	06-AUG-15	SHAMROCK SUPPLY CO INC		3,025.89	10-AUG-15	3,025.89	Reconciled
360624	06-AUG-15	06-AUG-15	SHOFFEITT PIPELINE, INC		331.73	14-AUG-15	331.73	Reconciled
360625	06-AUG-15	06-AUG-15	SIGMA-ALDRICH INC		357.16	10-AUG-15	357.16	Reconciled
360626	06-AUG-15	06-AUG-15	SONG, INDECK		19.03	17-AUG-15	19.03	Reconciled
360627	06-AUG-15	06-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		697,578.62	10-AUG-15	697,578.62	Reconciled
360628	06-AUG-15	06-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		43,777.25	11-AUG-15	43,777.25	Reconciled
360629	06-AUG-15	06-AUG-15	SOUTHERN COUNTIES LUBRICANTS LLC		830.82	12-AUG-15	830.82	Reconciled
360630	06-AUG-15	06-AUG-15	SPARKLETTS		401.24	14-AUG-15	401.24	Reconciled
360631	06-AUG-15	06-AUG-15	SPRING LAKES		1,153.13	11-AUG-15	1,153.13	Reconciled
360632	06-AUG-15	06-AUG-15	ST. GERMAIN, ALBERT		43.05	12-AUG-15	43.05	Reconciled
360633	06-AUG-15	06-AUG-15	STANTON, ALEC		14.85	26-AUG-15	14.85	Reconciled
360634	06-AUG-15	06-AUG-15	STRUCK, PATRICIA		10.27	25-AUG-15	10.27	Reconciled
360635	06-AUG-15	06-AUG-15	TEDESCO, DIERDRE		194.83	24-AUG-15	194.83	Reconciled
360636	06-AUG-15	06-AUG-15	TEKRAULICS		79,619.30	13-AUG-15	79,619.30	Reconciled
360637	06-AUG-15	06-AUG-15	THE GAS COMPANY		1,485.00	12-AUG-15	1,485.00	Reconciled
360638	06-AUG-15	06-AUG-15	TIC-SPECTRUM OFFICE		1,626.53	14-AUG-15	1,626.53	Reconciled
360639	06-AUG-15	06-AUG-15	TRETO, DI-LEITHA		14.50			Negotiable
360640	06-AUG-15	06-AUG-15	TRICOR DIRECT INC		1,326.24	12-AUG-15	1,326.24	Reconciled
360641	06-AUG-15	06-AUG-15	TRUCPARCO		82.11	12-AUG-15	82.11	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30

BANK: Bank of America N.A. Branch : Los Angeles  
 Bank Account Currency: USD ( US Dollar )  
 Payment Type: All

Account: Checking AP and PR Page: 6  
 Payment Currency: USD ( US Dollar )  
 Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360642		06-AUG-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.		120.00	10-AUG-15	120.00	Reconciled
360643		06-AUG-15	UNITED PARCEL SERVICE INC		207.21	10-AUG-15	207.21	Reconciled
360644		06-AUG-15	US BANK NAT'L ASSOC N.DAKOTA		3,500.00	12-AUG-15	3,500.00	Reconciled
360645		06-AUG-15	VAN WINKLE, MARISA		29.00	17-AUG-15	29.00	Reconciled
360646		06-AUG-15	VERIZON CALIFORNIA INC		268.36	11-AUG-15	268.36	Reconciled
360647		06-AUG-15	VERIZON WIRELESS SERVICES LLC		932.77	12-AUG-15	932.77	Reconciled
360648		06-AUG-15	VWR INTERNATIONAL, LLC		1,951.48	11-AUG-15	1,951.48	Reconciled
360649		06-AUG-15	WAHL, RISHI		76.84			Negotiable
360650		06-AUG-15	WALTERS WHOLESALE ELECTRIC		626.64	19-AUG-15	626.64	Reconciled
360651		06-AUG-15	WASTE MANAGEMENT OF ORANGE COUNTY		1,762.28	10-AUG-15	1,762.28	Reconciled
360652		06-AUG-15	WATERLINE TECHNOLOGIES INC		2,638.36	10-AUG-15	2,638.36	Reconciled
360653		06-AUG-15	WAXIE'S ENTERPRISES, INC		1,145.86			Voided
360654		06-AUG-15	WECK LABORATORIES INC		5,240.00	10-AUG-15	5,240.00	Reconciled
360655		06-AUG-15	WEI, MICHAEL		65.47	13-AUG-15	65.47	Reconciled
360656		06-AUG-15	WESTERN EXTERMINATOR COMPANY		1,412.00			Negotiable
360657		06-AUG-15	WESTMARK SALES INC.		510.36	14-AUG-15	510.36	Reconciled
360658		06-AUG-15	WESTRIDGE APARTMENTS		1,778.34	11-AUG-15	1,778.34	Reconciled
360659		06-AUG-15	WU, TINA		15.49	17-AUG-15	15.49	Reconciled
360660		06-AUG-15	ZHANG, YUE		10.42	31-AUG-15	10.42	Reconciled
360661		06-AUG-15	ZINCINATION INC		94.50	11-AUG-15	94.50	Reconciled
360662		11-AUG-15	ANTHEM BLUE CROSS	LOS ANGELES	2,012.80	17-AUG-15	2,012.80	Reconciled
360663		11-AUG-15	ANTHEM BLUE CROSS	LOS ANGELES	1,089.40	17-AUG-15	1,089.40	Reconciled
360664		11-AUG-15	ANTHEM BLUE CROSS	LOS ANGELES	415.62	17-AUG-15	415.62	Reconciled
360665		13-AUG-15	Mossbarger, Anthony J (Tony)		208.18	13-AUG-15	208.18	Reconciled
360666		13-AUG-15	Meserlian, Barkev M		171.80	14-AUG-15	171.80	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360667		13-AUG-15	Compton, Christine A		36.10	11-SEP-15	36.10	Reconciled
360668		13-AUG-15	McBride, Damien J		165.00	14-AUG-15	165.00	Reconciled
360669		13-AUG-15	McElroy, Dorien		112.31	17-AUG-15	112.31	Reconciled
360670		13-AUG-15	Dillhoefer, Edwin J (Ed)		105.00	17-AUG-15	105.00	Reconciled
360671		13-AUG-15	Akiyoshi, Eric S (Eric)		235.08	20-AUG-15	235.08	Reconciled
360672		13-AUG-15	Navarro, Hector R		154.10	17-AUG-15	154.10	Reconciled
360673		13-AUG-15	Solis, Henry (Henry)		255.00	17-AUG-15	255.00	Reconciled
360674		13-AUG-15	Dugan, Jeffrey (Jeff)		177.10	14-AUG-15	177.10	Reconciled
360675		13-AUG-15	Hayes, John H (John)		105.00	18-AUG-15	105.00	Reconciled
360676		13-AUG-15	Leonard, Joshua (Josh)		585.82	14-AUG-15	585.82	Reconciled
360677		13-AUG-15	Pfister, Ken D (Ken)		170.08	14-SEP-15	170.08	Reconciled
360678		13-AUG-15	Bonkowski, Leslie A (Leslie)		40.80	14-AUG-15	40.80	Reconciled
360679		13-AUG-15	Marshall, Matt I (Matt)		125.00	18-AUG-15	125.00	Reconciled
360680		13-AUG-15	Hoolihan, Michael J (Michael)		211.31	31-AUG-15	211.31	Reconciled
360681		13-AUG-15	Bonkowski, Thomas J (Thomas)		35.48	14-AUG-15	35.48	Reconciled
360682		13-AUG-15	A. D. WILSON INC.		815.40	20-AUG-15	815.40	Reconciled

360683	13-AUG-15	ACCLAIM RESOURCE PARTNERS	948.18	24-AUG-15	948.18	Reconciled
360684	13-AUG-15	AGILENT TECHNOLOGIES, INC.	44,619.60	20-AUG-15	44,619.60	Reconciled
360685	13-AUG-15	AKM CONSULTING ENGINEERS, INC.	20,895.00	19-AUG-15	20,895.00	Reconciled
360686	13-AUG-15	ALPHA TRAFFIC SERVICES, INC.	2,060.00	18-AUG-15	2,060.00	Reconciled
360687	13-AUG-15	ALSEDDEEQI, YOUS	11.04			Negotiable
360688	13-AUG-15	ARCADIS U.S., INC.	100,120.66	20-AUG-15	100,120.66	Reconciled
360689	13-AUG-15	AT&T	2,014.33	19-AUG-15	2,014.33	Reconciled
360690	13-AUG-15	AT&T	1,652.00	19-AUG-15	1,652.00	Reconciled
360691	13-AUG-15	AUTOZONE PARTS, INC.	222.22	18-AUG-15	222.22	Reconciled
360692	13-AUG-15	BADARAYAN, AMBIKA	71.85	20-AUG-15	71.85	Reconciled
360693	13-AUG-15	BDC SPECIAL WASTE	207.20	17-AUG-15	207.20	Reconciled
360694	13-AUG-15	BECKMAN COULTER INC	1,843.20	20-AUG-15	1,843.20	Reconciled

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 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								
360695		13-AUG-15	BILINGUAL TRAINING INSTITUTE		1,910.00	24-AUG-15	1,910.00	Reconciled
360696		13-AUG-15	BILL'S SWEEPING SERVICE INC		1,035.00	18-AUG-15	1,035.00	Reconciled
360697		13-AUG-15	BIOMAGIC INC		13,782.53	19-AUG-15	13,782.53	Reconciled
360698		13-AUG-15	BIOMERIEUX INC		278.14	17-AUG-15	278.14	Reconciled
360699		13-AUG-15	BONTERRA CONSULTING LLC		48,365.68	19-AUG-15	48,365.68	Reconciled
360700		13-AUG-15	BORCHARD SURVEYING & MAPPING, INC.		385.00	20-AUG-15	385.00	Reconciled
360701		13-AUG-15	BRAINAEAD, MICHAEL		295.99	26-AUG-15	295.99	Reconciled
360702		13-AUG-15	BUTLER BOX & STAKE INC		2,577.20	20-AUG-15	2,577.20	Reconciled
360703		13-AUG-15	C WELLS PIPELINE MATERIALS INC		22,944.00	20-AUG-15	22,944.00	Reconciled
360704		13-AUG-15	CAI, WALLIS		14.33	25-AUG-15	14.33	Reconciled
360705		13-AUG-15	CALIFORNIA BARRICADE INC		3,290.94	18-AUG-15	3,290.94	Reconciled
360706		13-AUG-15	CALIFORNIA PACIFIC HOMES		3.13	20-AUG-15	3.13	Reconciled
360707		13-AUG-15	CANON FINANCIAL SERVICES, INC		25,199.52	20-AUG-15	25,199.52	Reconciled
360708		13-AUG-15	CANON SOLUTIONS AMERICA, INC.		7,422.63	17-AUG-15	7,422.63	Reconciled
360709		13-AUG-15	CARRASCO, TONY		130.00	18-AUG-15	130.00	Reconciled
360710		13-AUG-15	CBRE INVESTORS AAFCS - F P		621.88	25-AUG-15	621.88	Reconciled
360711		13-AUG-15	CHUNG, JUSTIN		58.76	14-SEP-15	58.76	Reconciled
360712		13-AUG-15	CITY CIRCUIT BREAKERS		43.20	17-AUG-15	43.20	Reconciled
360713		13-AUG-15	CITY OF IRVINE		200.11	18-AUG-15	200.11	Reconciled
360714		13-AUG-15	CITY OF IRVINE		1,750.00	26-AUG-15	1,750.00	Reconciled
360715		13-AUG-15	CIVILSOURCE, INC.		9,840.00	21-AUG-15	9,840.00	Reconciled
360716		13-AUG-15	CORELOGIC INC		24.00	18-AUG-15	24.00	Reconciled
360717		13-AUG-15	CR & R INCORPORATED		12.95	18-AUG-15	12.95	Reconciled
360718		13-AUG-15	CREATIVE ALLIANCE GROUP LLC		500.00	24-AUG-15	500.00	Reconciled
360719		13-AUG-15	CROCKER & CROCKER		35,288.51	20-AUG-15	35,288.51	Reconciled
360720		13-AUG-15	CURT PRINGLE AND ASSOCIATES		7,000.00	19-AUG-15	7,000.00	Reconciled
360721		13-AUG-15	D & G SIGNS		1,128.92	21-AUG-15	1,128.92	Reconciled
360722		13-AUG-15	DEE JASPAR & ASSOCIATES, INC.		7,868.44	27-AUG-15	7,868.44	Reconciled
360723		13-AUG-15	DEX MEDIA INC.		75.75	21-AUG-15	75.75	Reconciled
360724		13-AUG-15	DODGE, CHRISTINE		39.37	18-AUG-15	39.37	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360725		13-AUG-15	DUDEK		9,525.00	19-AUG-15	9,525.00	Reconciled
360726		13-AUG-15	DUDLEY RIDGE WATER DISTRICT		16,781.65	20-AUG-15	16,781.65	Reconciled
360727		13-AUG-15	DUZGUNCINAR, DOGUKAN		16.07			Negotiable
360728		13-AUG-15	EAGLE PRINT DYNAMICS		5,359.85	17-AUG-15	5,359.85	Reconciled
360729		13-AUG-15	ET&C ENGINEERING INC		31,320.00	27-AUG-15	31,320.00	Reconciled

360730	13-AUG-15	ELITE EQUIPMENT, INC.	111.24	21-AUG-15	111.24	Reconciled
360731	13-AUG-15	EMPLOYEE BENEFIT SPECIALIST, INC	1,055.00	21-AUG-15	1,055.00	Reconciled
360732	13-AUG-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	8,966.49	17-AUG-15	8,966.49	Reconciled
360733	13-AUG-15	ENDRESS AND HAUSER INC	1,812.17	18-AUG-15	1,812.17	Reconciled
360734	13-AUG-15	EXECUTIVE LIGHTING & ELECTRIC	1,332.85	18-AUG-15	1,332.85	Reconciled
360735	13-AUG-15	FARUQI, SAYEED	2.12	31-AUG-15	2.12	Reconciled
360736	13-AUG-15	FIRST CHOICE SERVICES	1,026.74	19-AUG-15	1,026.74	Reconciled
360737	13-AUG-15	FISHER SCIENTIFIC COMPANY LLC	1,037.82	17-AUG-15	1,037.82	Reconciled
360738	13-AUG-15	FUSCOE ENGINEERING, INC.	1,500.00	17-AUG-15	1,500.00	Reconciled
360739	13-AUG-15	GARDENSOF	10,500.00	20-AUG-15	10,500.00	Reconciled
360740	13-AUG-15	GARZA INDUSTRIES, INC	291.60	17-AUG-15	291.60	Reconciled
360741	13-AUG-15	GENERAL PUMP COMPANY INC	8,844.50	17-AUG-15	8,844.50	Reconciled
360742	13-AUG-15	GRAINGER	1,048.89	17-AUG-15	1,048.89	Reconciled
360743	13-AUG-15	H2O INNOVATION USA INC	3,959.28	24-AUG-15	3,959.28	Reconciled
360744	13-AUG-15	HACH COMPANY	10,276.36	20-AUG-15	10,276.36	Reconciled
360745	13-AUG-15	HARMSWORTH ASSOCIATES	2,260.00	25-AUG-15	2,260.00	Reconciled
360746	13-AUG-15	HARTFORD LIFE INSURANCE COMPANY	25,425.89	20-AUG-15	25,425.89	Reconciled
360747	13-AUG-15	HAYDON, MADELINE	214.52	28-AUG-15	214.52	Reconciled
360748	13-AUG-15	HDR ENGINEERING INC	23,500.45	20-AUG-15	23,500.45	Reconciled
360749	13-AUG-15	HELP/SYSTEMS, LLC	2,555.00	17-AUG-15	2,555.00	Reconciled
360750	13-AUG-15	HELPMATES STAFFING SERVICES	27,625.93	19-AUG-15	27,625.93	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 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								
360751		13-AUG-15	HILL BROTHERS CHEMICAL COMPANY		3,947.20	17-AUG-15	3,947.20	Reconciled
360752		13-AUG-15	HOME DEPOT USA INC		2,678.05	20-AUG-15	2,678.05	Reconciled
360753		13-AUG-15	IBM CORPORATION		1,179.00	18-AUG-15	1,179.00	Reconciled
360754		13-AUG-15	INDUSTRIAL METAL SUPPLY CO		1,060.99	17-AUG-15	1,060.99	Reconciled
360755		13-AUG-15	INNOVYZE, INC.		15,000.00	19-AUG-15	15,000.00	Reconciled
360756		13-AUG-15	IRON MOUNTAIN INFORMATION MANAGEMENT INC		1,810.02	17-AUG-15	1,810.02	Reconciled
360757		13-AUG-15	IRVINE COMMUNITY DEVELOPMENT COMPANY LLC		1,720.00	28-AUG-15	1,720.00	Reconciled
360758		13-AUG-15	IRVINE PIPE & SUPPLY INC		5,089.87	17-AUG-15	5,089.87	Reconciled
360759		13-AUG-15	JCI JONES CHEMICALS INC		8,666.00	18-AUG-15	8,666.00	Reconciled
360760		13-AUG-15	JOHN CRANE, INC.		1,116.69	18-AUG-15	1,116.69	Reconciled
360761		13-AUG-15	KAESER COMPRESSORS, INC.		601.15	17-AUG-15	601.15	Reconciled
360762		13-AUG-15	KASSEL, LISA/DAN		60.49	27-AUG-15	60.49	Reconciled
360763		13-AUG-15	KENNY THE PRINTER		475.83	21-AUG-15	475.83	Reconciled
360764		13-AUG-15	KENT & AMY DAHLBERG		4,839.68	19-AUG-15	4,839.68	Reconciled
360765		13-AUG-15	KIMBALL MIDWEST		2,429.29	24-AUG-15	2,429.29	Reconciled
360766		13-AUG-15	LANDCARE HOLDINGS, INC.		4,106.26	18-AUG-15	4,106.26	Reconciled
360767		13-AUG-15	LENNAR HOMES		56.22	18-AUG-15	56.22	Reconciled
360768		13-AUG-15	LEWIS BRISBOIS BISGAARD AND SMITH, LLP		280.00	19-AUG-15	280.00	Reconciled
360769		13-AUG-15	LEWIS OPERATING CORP		1,400.00	19-AUG-15	1,400.00	Reconciled
360770		13-AUG-15	LIGHT, DIANA		21.68	17-AUG-15	21.68	Reconciled
360771		13-AUG-15	LIN, BEI		55.75	20-AUG-15	55.75	Reconciled
360772		13-AUG-15	LU'S LIGHTHOUSE, INC.		2,752.66	18-AUG-15	2,752.66	Reconciled
360773		13-AUG-15	MANATHATTAI, NATARAJAN		58.91	19-AUG-15	58.91	Reconciled
360774		13-AUG-15	MAR, ALEX		59.39	25-AUG-15	59.39	Reconciled
360775		13-AUG-15	MARINA LANDSCAPE MAINTENANCE, INC.		6,152.82	20-AUG-15	6,152.82	Reconciled
360776		13-AUG-15	MBC APPLIED ENVIRONMENTAL SCIENCES		1,300.00	17-AUG-15	1,300.00	Reconciled

IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 11

Bank Account Currency: USD ( US Dollar )  
Payment Type: All

Payment Currency: USD ( US Dollar )  
Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360777		13-AUG-15	MC FADDEN-DALE INDUSTRIAL		232.90	18-AUG-15	232.90	Reconciled
360778		13-AUG-15	MC MASTER CARR SUPPLY CO		332.23	18-AUG-15	332.23	Reconciled
360779		13-AUG-15	MCR TECHNOLOGIES INC		9,866.88	19-AUG-15	9,866.88	Reconciled
360780		13-AUG-15	MORSE, LIVIA		14.14	18-AUG-15	14.14	Reconciled
360781		13-AUG-15	MSC INDUSTRIAL SUPPLY CO		594.00	21-AUG-15	594.00	Reconciled
360782		13-AUG-15	MUNICIPAL MAINTENANCE EQUIPMENT INC		232.82	17-AUG-15	232.82	Reconciled
360783		13-AUG-15	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY		752.16	18-AUG-15	752.16	Reconciled
360784		13-AUG-15	MUTUAL PROPANE		72.49	18-AUG-15	72.49	Reconciled
360785		13-AUG-15	NATIONAL CINEMEDIA, LLC		14,842.00	24-AUG-15	14,842.00	Reconciled
360786		13-AUG-15	NATIONAL READY MIXED CONCRETE CO.		523.80	17-AUG-15	523.80	Reconciled
360787		13-AUG-15	NATURALWELL, LLC		1,017.50	17-AUG-15	1,017.50	Reconciled
360788		13-AUG-15	NCH CORPORATION		659.02	17-AUG-15	659.02	Reconciled
360789		13-AUG-15	NMG GEOTECHNICAL INC		12,752.00	02-SEP-15	12,752.00	Reconciled
360790		13-AUG-15	NWRI		50,000.00	21-AUG-15	50,000.00	Reconciled
360791		13-AUG-15	O'HAREN GOVERNMENT RELATIONS		13,000.00	24-AUG-15	13,000.00	Reconciled
360792		13-AUG-15	OC WELDING SERVICES		937.38	31-AUG-15	937.38	Reconciled
360793		13-AUG-15	ODABASOGLU, OMER		163.19	17-AUG-15	163.19	Reconciled
360794		13-AUG-15	OLIN CORPORATION		31,504.31	20-AUG-15	31,504.31	Reconciled
360795		13-AUG-15	ONESOURCE DISTRIBUTORS LLC		4,617.00	17-AUG-15	4,617.00	Reconciled
360796		13-AUG-15	ORANGE COUNTY AUTO PARTS CO		462.29	17-AUG-15	462.29	Reconciled
360797		13-AUG-15	PAC RIM ENGINEERING		3,500.00	24-AUG-15	3,500.00	Reconciled
360798		13-AUG-15	PACIFIC COAST BOLT CORP		520.04	18-AUG-15	520.04	Reconciled
360799		13-AUG-15	PACIFIC GAS AND ELECTRIC COMPANY		23.43	20-AUG-15	23.43	Reconciled
360800		13-AUG-15	PACIFIC SALES		9,610.92	20-AUG-15	9,610.92	Reconciled
360801		13-AUG-15	PARKHOUSE TIRE INC		6,586.42	21-AUG-15	6,586.42	Reconciled
360802		13-AUG-15	PARKINSON, CHRISTINE		95.04	17-AUG-15	95.04	Reconciled
360803		13-AUG-15	PARSONS, TAMAR		56.07	17-AUG-15	56.07	Reconciled
IRWD Ledger Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30								
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	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360804		13-AUG-15	PENTAIR VALVES & CONTROLS US LP		980.53	21-AUG-15	980.53	Reconciled
360805		13-AUG-15	PEOTTER, BRUCE		44.90	10-SEP-15	44.90	Reconciled
360806		13-AUG-15	PERKINELMER HEALTH SCIENCES INC		33,048.00	19-AUG-15	33,048.00	Reconciled
360807		13-AUG-15	PRAXAIR DISTRIBUTION INC		185.27	19-AUG-15	185.27	Reconciled
360808		13-AUG-15	PRO MOBILE AUTO DETAILING		350.00	17-AUG-15	350.00	Reconciled
360809		13-AUG-15	PRUDENTIAL OVERALL SUPPLY		5,002.51	18-AUG-15	5,002.51	Reconciled
360810		13-AUG-15	R&B AUTOMATION, INC.		14,928.36	21-AUG-15	14,928.36	Reconciled
360811		13-AUG-15	R.J. NOBLE COMPANY		8,800.00	17-AUG-15	8,800.00	Reconciled
360812		13-AUG-15	RAINBOW DISPOSAL CO INC		325.21	17-AUG-15	325.21	Reconciled
360813		13-AUG-15	RAM AIR ENGINEERING INC		4,330.85	19-AUG-15	4,330.85	Reconciled
360814		13-AUG-15	REACH EMPLOYEE ASSISTANCE INC		873.60	21-AUG-15	873.60	Reconciled
360815		13-AUG-15	RED WING SHOES		125.00	18-AUG-15	125.00	Reconciled
360816		13-AUG-15	RED WING SHOES		626.40	20-AUG-15	626.40	Reconciled
360817		13-AUG-15	REED, JAMES D		1,954.52	17-AUG-15	1,954.52	Reconciled
360818		13-AUG-15	RINCON TRUCK CENTER INC.		4,335.09	17-AUG-15	4,335.09	Reconciled
360819		13-AUG-15	RINGCLEAR LLC		89.76	18-AUG-15	89.76	Reconciled
360820		13-AUG-15	RITCHIE, JANEL		13.96	31-AUG-15	13.96	Reconciled
360821		13-AUG-15	ROBERT HALF INTERNATIONAL,		2,403.00	17-AUG-15	2,403.00	Reconciled

360822	13-AUG-15	INC.			14,668.00	31-AUG-15	14,668.00	Reconciled
360823	13-AUG-15	SANDERS PAVING INC SANTA ANA BLUE PRINT			313.74	19-AUG-15	313.74	Reconciled
360824	13-AUG-15	SANTA ANA WATERSHED PROJECT AUTHORITY			12,159.00	19-AUG-15	12,159.00	Reconciled
360825	13-AUG-15	SANTA MARGARITA FORD			588.66	19-AUG-15	588.66	Reconciled
360826	13-AUG-15	SANTA MARGARITA WATER DISTRICT			24,712.66	21-AUG-15	24,712.66	Reconciled
360827	13-AUG-15	SCHULER ENGINEERING CORPORATION			372,168.26	19-AUG-15	372,168.26	Reconciled
360828	13-AUG-15	SIMI VALLEY LANDFILL AND RECYCLING CENTER			2,402.55	17-AUG-15	2,402.55	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-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 Account: Checking AP and PR Page: 13  
 Payment Currency: USD ( US Dollar )  
 Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360829	13-AUG-15	13-AUG-15	SIMIDIAN, NORMA		134.73	21-AUG-15	134.73	Reconciled
360830	13-AUG-15	13-AUG-15	SIMIDIAN, VAHAN		109.89	21-AUG-15	109.89	Reconciled
360831	13-AUG-15	13-AUG-15	SNIDER, WILLIAM		46.84	18-AUG-15	46.84	Reconciled
360832	13-AUG-15	13-AUG-15	SOUTH COAST WATER CO.		40.00	20-AUG-15	40.00	Reconciled
360833	13-AUG-15	13-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		25,715.44	14-AUG-15	25,715.44	Reconciled
360834	13-AUG-15	13-AUG-15	SSINFOTEK		83.61	24-AUG-15	83.61	Reconciled
360835	13-AUG-15	13-AUG-15	STATE WATER RESOURCES CONTROL BOARD		2,062.00	20-AUG-15	2,062.00	Reconciled
360836	13-AUG-15	13-AUG-15	STEVENS, JOANNE		45.96	18-AUG-15	45.96	Reconciled
360837	13-AUG-15	13-AUG-15	THE FURMAN GROUP, INC.		23,190.00	20-AUG-15	23,190.00	Reconciled
360838	13-AUG-15	13-AUG-15	THE GAS COMPANY		281.28	21-AUG-15	281.28	Reconciled
360839	13-AUG-15	13-AUG-15	THYSSENKRUPP ELEVATOR CORPORATION		173.65	18-AUG-15	173.65	Reconciled
360840	13-AUG-15	13-AUG-15	TITAN OUTDOOR LLC		33,359.05	24-AUG-15	33,359.05	Reconciled
360841	13-AUG-15	13-AUG-15	TRENCH SHORING COMPANY		16.90	18-AUG-15	16.90	Reconciled
360842	13-AUG-15	13-AUG-15	TROPICAL PLAZA NURSERY INC		6,009.00	17-AUG-15	6,009.00	Reconciled
360843	13-AUG-15	13-AUG-15	TRUCPARCO		2,306.30	24-AUG-15	2,306.30	Reconciled
360844	13-AUG-15	13-AUG-15	TURK, DONA		38.60	04-SEP-15	38.60	Reconciled
360845	13-AUG-15	13-AUG-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.		215.00	17-AUG-15	215.00	Reconciled
360846	13-AUG-15	13-AUG-15	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA		1,086.00	20-AUG-15	1,086.00	Reconciled
360847	13-AUG-15	13-AUG-15	UNITED PARCEL SERVICE INC		30.75	17-AUG-15	30.75	Reconciled
360848	13-AUG-15	13-AUG-15	UNITED SITE SERVICES OF CALIFORNIA INC		478.25	19-AUG-15	478.25	Reconciled
360849	13-AUG-15	13-AUG-15	VA CONSULTING, INC		7,480.00	18-AUG-15	7,480.00	Reconciled
360850	13-AUG-15	13-AUG-15	VALLEYCREST LANDSCAPE DEVELOPMENT, INC.		3,375.12	17-AUG-15	3,375.12	Reconciled
360851	13-AUG-15	13-AUG-15	VULCAN MATERIALS COMPANY		1,361.66	17-AUG-15	1,361.66	Reconciled
360852	13-AUG-15	13-AUG-15	WACO FILTERS CORPORATION		5,951.31	18-AUG-15	5,951.31	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-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 Account: Checking AP and PR Page: 14  
 Payment Currency: USD ( US Dollar )  
 Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360853	13-AUG-15	13-AUG-15	WALTON MOTORS & CONTROLS INC		2,663.40	19-AUG-15	2,663.40	Reconciled
360854	13-AUG-15	13-AUG-15	WANG, QING		39.98	01-SEP-15	39.98	Reconciled
360855	13-AUG-15	13-AUG-15	WASTE MANAGEMENT OF ORANGE COUNTY		2,545.56	17-AUG-15	2,545.56	Reconciled
360856	13-AUG-15	13-AUG-15	WATERLINE TECHNOLOGIES INC		2,351.52	17-AUG-15	2,351.52	Reconciled
360857	13-AUG-15	13-AUG-15	WATERSMART SOFTWARE, INC		17,974.42	20-AUG-15	17,974.42	Reconciled
360858	13-AUG-15	13-AUG-15	WAX DEPOT		312.98	18-AUG-15	312.98	Reconciled

360859	13-AUG-15	WAXIE'S ENTERPRISES, INC	1,198.70	18-AUG-15	1,198.70	Reconciled
360860	13-AUG-15	WECK LABORATORIES INC	975.00	21-AUG-15	975.00	Reconciled
360861	13-AUG-15	WEST AMERICA GRAPHICS	224.85	17-AUG-15	224.85	Reconciled
360862	13-AUG-15	WEST COAST SAFETY SUPPLY INC	818.98	31-AUG-15	818.98	Reconciled
360863	13-AUG-15	WESTERN EXTERMINATOR COMPANY	7,260.50	26-AUG-15	7,260.50	Reconciled
360864	13-AUG-15	WIRELESS WATCHDOGS, LLC	644.00	27-AUG-15	644.00	Reconciled
360865	13-AUG-15	XUE, YI	15.75	18-AUG-15	15.75	Reconciled
360866	13-AUG-15	YP LLC	123.50	17-AUG-15	123.50	Reconciled
360867	13-AUG-15	YSI INCORPORATED	1,209.83	18-AUG-15	1,209.83	Reconciled
360868	20-AUG-15	TRICOR DIRECT INC 39209	119.95	26-AUG-15	119.95	Reconciled
360869	20-AUG-15	Garcia, Alejandro (Alex)	129.12	03-SEP-15	129.12	Reconciled
360870	20-AUG-15	Solis, Henry (Henry)	127.48	27-AUG-15	127.48	Reconciled
360871	20-AUG-15	Withers, John B	67.85	26-AUG-15	67.85	Reconciled
360872	20-AUG-15	Bonkowski, Leslie A (Leslie)	251.93	24-AUG-15	251.93	Reconciled
360873	20-AUG-15	Reyes Aguirre, Lizbhet	2,098.72	24-AUG-15	2,098.72	Reconciled
360874	20-AUG-15	Lewis, Lyndy R	22.47	03-SEP-15	22.47	Reconciled
360875	20-AUG-15	Matheis, Mary Aileen	151.64	03-SEP-15	151.64	Reconciled
360876	20-AUG-15	Brown, Richard E (Richard)	2,589.36	21-AUG-15	2,589.36	Reconciled
360877	20-AUG-15	Lao, Richard S	18.66	24-AUG-15	18.66	Reconciled
360878	20-AUG-15	Schulze, Richard W (Richard)	159.98	31-AUG-15	159.98	Reconciled
360879	20-AUG-15	LaMar, Steven E	635.34	26-AUG-15	635.34	Reconciled

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 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								
360880		20-AUG-15	Schreiner, Terrance M Jr (Terrance)		260.00	28-AUG-15	260.00	Reconciled
360881		20-AUG-15	ORANGE COUNTY SANITATION DISTRICT	FOUNTAIN VALLEY	3,140.00	24-AUG-15	3,140.00	Reconciled
360882		20-AUG-15	A&A WIPING CLOTH CO		682.56	25-AUG-15	682.56	Reconciled
360883		20-AUG-15	AIRGAS, INC.		1,903.09	27-AUG-15	1,903.09	Reconciled
360884		20-AUG-15	AKM CONSULTING ENGINEERS, INC.		8,690.00	24-AUG-15	8,690.00	Reconciled
360885		20-AUG-15	AMS PAVING		769.66	26-AUG-15	769.66	Reconciled
360886		20-AUG-15	APPLIED INDUSTRIAL TECHNOLOGIES - CA LLC		1,519.81	24-AUG-15	1,519.81	Reconciled
360887		20-AUG-15	ARC		406.37	24-AUG-15	406.37	Reconciled
360888		20-AUG-15	ASUE, ASHLEY		19.29	02-SEP-15	19.29	Reconciled
360889		20-AUG-15	AT&T		3,590.13	25-AUG-15	3,590.13	Reconciled
360890		20-AUG-15	AT&T		48.51	24-AUG-15	48.51	Reconciled
360891		20-AUG-15	ATHENS SERVICES		8,655.12	25-AUG-15	8,655.12	Reconciled
360892		20-AUG-15	AWANA, DENNIS		8.62	01-SEP-15	8.62	Reconciled
360893		20-AUG-15	BARTEL ASSOCIATES, LLC		4,428.33	24-AUG-15	4,428.33	Reconciled
360894		20-AUG-15	BATTERY SPECIALTIES		623.39	26-AUG-15	623.39	Reconciled
360895		20-AUG-15	BIERSCH, AMY		7.73	27-AUG-15	7.73	Reconciled
360896		20-AUG-15	BIGWIG MONSTER, LLC		9,300.00	24-AUG-15	9,300.00	Reconciled
360897		20-AUG-15	BORCHARD SURVEYING & MAPPING, INC.		3,040.00	03-SEP-15	3,040.00	Reconciled
360898		20-AUG-15	BRUCE NEWELL		1,316.00	25-AUG-15	1,316.00	Reconciled
360899		20-AUG-15	C WELLS PIPELINE MATERIALS INC		119,235.75	27-AUG-15	119,235.75	Reconciled
360900		20-AUG-15	CALIFORNIA BARRICADE INC		1,435.00	27-AUG-15	1,435.00	Reconciled
360901		20-AUG-15	CANON FINANCIAL SERVICES, INC		600.48	24-AUG-15	600.48	Reconciled
360902		20-AUG-15	CANON SOLUTIONS AMERICA, INC.		12,039.03	25-AUG-15	12,039.03	Reconciled
360903		20-AUG-15	CAPTIVE AUDIENCE MARKETING INC.		54.00	26-AUG-15	54.00	Reconciled
360904		20-AUG-15	CAROLLO ENGINEERS, INC		3,922.00	25-AUG-15	3,922.00	Reconciled
360905		20-AUG-15	CITY CIRCUIT BREAKERS		1,512.00	24-AUG-15	1,512.00	Reconciled
360906		20-AUG-15	CITY OF COSTA MESA		935.00	31-AUG-15	935.00	Reconciled

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Bank Account Currency: USD ( US Dollar )  
 Payment Type: All

Payment Currency: USD ( US Dollar )  
 Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360907		20-AUG-15	CITY OF LAKE FOREST		10,000.00	25-AUG-15	10,000.00	Reconciled
360908		20-AUG-15	CITY OF LAKE FOREST		500.00	25-AUG-15	500.00	Reconciled
360909		20-AUG-15	CITY OF SANTA ANA		110.41	24-AUG-15	110.41	Reconciled
360910		20-AUG-15	CITY OF TUSTIN		621.65	24-AUG-15	621.65	Reconciled
360911		20-AUG-15	CITY OF TUSTIN		1,234.00	24-AUG-15	1,234.00	Reconciled
360912		20-AUG-15	CLA-VAL COMPANY		6,352.98	24-AUG-15	6,352.98	Reconciled
360913		20-AUG-15	CLEARINGHOUSE		477.67	24-AUG-15	477.67	Reconciled
360914		20-AUG-15	CNC ENGINEERING, INC		4,215.00	09-SEP-15	4,215.00	Reconciled
360915		20-AUG-15	CORELOGIC INC		5,940.00	25-AUG-15	5,940.00	Reconciled
360916		20-AUG-15	CORTECH ENGINEERING, INC		814.80	24-AUG-15	814.80	Reconciled
360917		20-AUG-15	COX COMMUNICATIONS		109.00	24-AUG-15	109.00	Reconciled
360918		20-AUG-15	DATA CLEAN CORPORATION		526.50	25-AUG-15	526.50	Reconciled
360919		20-AUG-15	DIRECTV INC		110.48	24-AUG-15	110.48	Reconciled
360920		20-AUG-15	DISCIOGLU, ANI		194.84	28-AUG-15	194.84	Reconciled
360921		20-AUG-15	EISEL ENTERPRISES INC		13,387.27	26-AUG-15	13,387.27	Reconciled
360922		20-AUG-15	ELEMENT MATERIALS TECHNOLOGY HUNTINGTON BEACH INC		4,755.00	24-AUG-15	4,755.00	Reconciled
360923		20-AUG-15	ENTERPRISE INFORMATION SYSTEMS, INC.		1,950.00	31-AUG-15	1,950.00	Reconciled
360924		20-AUG-15	FARRELL & ASSOCIATES		258.51	24-AUG-15	258.51	Reconciled
360925		20-AUG-15	FEDEX		598.96	26-AUG-15	598.96	Reconciled
360926		20-AUG-15	FISERV		26,714.36	26-AUG-15	26,714.36	Reconciled
360927		20-AUG-15	FISHER SCIENTIFIC COMPANY LLC		3,047.35	24-AUG-15	3,047.35	Reconciled
360928		20-AUG-15	FLEET SOLUTIONS LLC		4,366.15	25-AUG-15	4,366.15	Reconciled
360929		20-AUG-15	FLORES, JESSICA		86.52	01-SEP-15	86.52	Reconciled
360930		20-AUG-15	GARZA INDUSTRIES, INC		1,381.97	24-AUG-15	1,381.97	Reconciled
360931		20-AUG-15	GENERAL PUMP COMPANY INC		2,185.00	25-AUG-15	2,185.00	Reconciled
360932		20-AUG-15	GHD INC.		6,011.00	25-AUG-15	6,011.00	Reconciled
360933		20-AUG-15	GM SAGER CONSTRUCTION CO, INC.		44,950.00	26-AUG-15	44,950.00	Reconciled
360934		20-AUG-15	GRAINGER		2,088.89	24-AUG-15	2,088.89	Reconciled

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BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 17  
 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								
360935		20-AUG-15	GRAINGER		2,352.07	24-AUG-15	2,352.07	Reconciled
360936		20-AUG-15	GURNEY, LISA		55.21	10-SEP-15	55.21	Reconciled
360937		20-AUG-15	HACH COMPANY		71,765.96	26-AUG-15	71,765.96	Reconciled
360938		20-AUG-15	HACH COMPANY		462.46	24-AUG-15	462.46	Reconciled
360939		20-AUG-15	HAMC IRVINE CENTER, LLC 215		4,505.57	27-AUG-15	4,505.57	Reconciled
360940		20-AUG-15	HDR ENGINEERING INC		66,055.77	27-AUG-15	66,055.77	Reconciled
360941		20-AUG-15	HELPMATES STAFFING SERVICES		21,969.22	26-AUG-15	21,969.22	Reconciled
360942		20-AUG-15	HILL BROTHERS CHEMICAL COMPANY		9,283.60	24-AUG-15	9,283.60	Reconciled
360943		20-AUG-15	HOME DEPOT USA INC		1,003.51	25-AUG-15	1,003.51	Reconciled
360944		20-AUG-15	HUNTER, MARIE		13.22	28-AUG-15	13.22	Reconciled
360945		20-AUG-15	HUTTENBERGER, RYAN		20.00	24-AUG-15	20.00	Reconciled
360946		20-AUG-15	HYDRO-SCAPE PRODUCTS INC		217.19	24-AUG-15	217.19	Reconciled
360947		20-AUG-15	INDUSTRIAL METAL SUPPLY CO		928.37	24-AUG-15	928.37	Reconciled
360948		20-AUG-15	IRON MOUNTAIN INFORMATION MANAGEMENT INC		1,929.22	24-AUG-15	1,929.22	Reconciled
360949		20-AUG-15	IRVINE PIPE & SUPPLY INC		898.69	24-AUG-15	898.69	Reconciled
360950		20-AUG-15	IRWD EMPLOYEE ASSOCIATION		810.00	28-AUG-15	810.00	Reconciled
360951		20-AUG-15	JCI JONES CHEMICALS INC		4,404.40	24-AUG-15	4,404.40	Reconciled
360952		20-AUG-15	JIN YU INC		631.86	24-AUG-15	631.86	Reconciled

360953	20-AUG-15	KAO, JESSICA	62.17	28-AUG-15	62.17	Reconciled
360954	20-AUG-15	KHAN, MOHAMMED	18.84	10-SEP-15	18.84	Reconciled
360955	20-AUG-15	KILL-N-BUGS TERMITE AND PEST CONTROL SERVICES	650.00	25-AUG-15	650.00	Reconciled
360956	20-AUG-15	KIM, JENNY	43.52	25-AUG-15	43.52	Reconciled
360957	20-AUG-15	KONECRANES INC	3,762.00	24-AUG-15	3,762.00	Reconciled
360958	20-AUG-15	KS DIRECT LLC	1,328.40	24-AUG-15	1,328.40	Reconciled
360959	20-AUG-15	LA HABRA FENCE COMPANY INC	3,932.00	24-AUG-15	3,932.00	Reconciled
360960	20-AUG-15	LANDCARE HOLDINGS, INC.	183.49	25-AUG-15	183.49	Reconciled
360961	20-AUG-15	LCS TECHNOLOGIES, INC.	4,590.00	24-AUG-15	4,590.00	Reconciled
360962	20-AUG-15	LEE, JUNG	133.71	31-AUG-15	133.71	Reconciled
360963	20-AUG-15	LEE, SOON	72.11	27-AUG-15	72.11	Reconciled

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles  
 Bank Account Currency: USD ( US Dollar )  
 Payment Type: All

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360964		20-AUG-15	LEWIS INVESTMENT COMPANY, LLC		80,046.19	28-AUG-15	80,046.19	Reconciled
360965		20-AUG-15	LEWIS OPERATING CORP		600.00	26-AUG-15	600.00	Reconciled
360966		20-AUG-15	LOO, JULIE		8.98	03-SEP-15	8.98	Reconciled
360967		20-AUG-15	LU'S LIGHTHOUSE, INC.		88.26	24-AUG-15	88.26	Reconciled
360968		20-AUG-15	LUJAN, MARTIN		95.20	26-AUG-15	95.20	Reconciled
360969		20-AUG-15	MALO, NADA		195.73	27-AUG-15	195.73	Reconciled
360970		20-AUG-15	MBC APPLIED ENVIRONMENTAL SCIENCES		800.00	24-AUG-15	800.00	Reconciled
360971		20-AUG-15	MC MASTER CARR SUPPLY CO		3,884.54	25-AUG-15	3,884.54	Reconciled
360972		20-AUG-15	MCR TECHNOLOGIES INC		8,317.20	24-AUG-15	8,317.20	Reconciled
360973		20-AUG-15	MEJIA, FELIX		4.20			Negotiable
360974		20-AUG-15	MERRITT, STERLING		17.94	24-AUG-15	17.94	Reconciled
360975		20-AUG-15	MICHAEL BAKER INTERNATIONAL, INC.		601.92	24-AUG-15	601.92	Reconciled
360976		20-AUG-15	MILANI, ABAN		1,112.41	01-SEP-15	1,112.41	Reconciled
360977		20-AUG-15	MONDOK, EDNAELINOR		21.98			Negotiable
360978		20-AUG-15	MOODY'S INVESTORS SERVICE INC		5,000.00	24-AUG-15	5,000.00	Reconciled
360979		20-AUG-15	MSC INDUSTRIAL SUPPLY CO		229.07	27-AUG-15	229.07	Reconciled
360980		20-AUG-15	MUNICIPAL MAINTENANCE EQUIPMENT INC		450.71	24-AUG-15	450.71	Reconciled
360981		20-AUG-15	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY		1,500.00	24-AUG-15	1,500.00	Reconciled
360982		20-AUG-15	MYERS & SONS HI- WAY SAFETY, INC.		2,587.68	24-AUG-15	2,587.68	Reconciled
360983		20-AUG-15	NATIONAL READY MIXED CONCRETE CO.		1,434.14	24-AUG-15	1,434.14	Reconciled
360984		20-AUG-15	NATURES IMAGE INC		596.33	25-AUG-15	596.33	Reconciled
360985		20-AUG-15	NEW PIG CORPORATION		139.94	25-AUG-15	139.94	Reconciled
360986		20-AUG-15	OC WELDING SERVICES		300.00	31-AUG-15	300.00	Reconciled
360987		20-AUG-15	OLIN CORPORATION		17,172.11	27-AUG-15	17,172.11	Reconciled
360988		20-AUG-15	OLSON HAGEL FISHBURN, LLP		426.60	24-AUG-15	426.60	Reconciled

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 Bank Account Currency: USD ( US Dollar )  
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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
360989		20-AUG-15	ONESOURCE DISTRIBUTORS LLC		9,937.91	24-AUG-15	9,937.91	Reconciled
360990		20-AUG-15	ORANGE COUNTY AUTO PARTS CO		407.60	24-AUG-15	407.60	Reconciled
360991		20-AUG-15	ORANGE COUNTY HOSE		19.85	24-AUG-15	19.85	Reconciled
360992		20-AUG-15	OUTSOURCE TECHNICAL LLC		95,852.00	26-AUG-15	95,852.00	Reconciled
360993		20-AUG-15	PATRICIA COPPA		455.62			Negotiable
360994		20-AUG-15	PAULUS ENGINEERING INC		9,002.91	24-AUG-15	9,002.91	Reconciled
360995		20-AUG-15	PEDDIE, DAVID		49.77			Negotiable
360996		20-AUG-15	PERS LONG TERM		851.14	25-AUG-15	851.14	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
360997		20-AUG-15	CARE PINNACLE TOWERS LLC		640.42	24-AUG-15	640.42	Reconciled
360998		20-AUG-15	PRAXAIR DISTRIBUTION INC		537.99	24-AUG-15	537.99	Reconciled
360999		20-AUG-15	PSB INTEGRATED MARKETING, INC.		19,642.82	24-AUG-15	19,642.82	Reconciled
361000		20-AUG-15	PSB INTEGRATED MARKETING, INC.		12,757.50	26-AUG-15	12,757.50	Reconciled
361001		20-AUG-15	PTI SAND & GRAVEL INC		901.39	25-AUG-15	901.39	Reconciled
361002		20-AUG-15	PURDUE UNIVERSITY		7,500.00	25-AUG-15	7,500.00	Reconciled
361003		20-AUG-15	R C FOSTER CORPORATION		53,402.19	31-AUG-15	53,402.19	Reconciled
361004		20-AUG-15	RAM FIBERGLASS, INC.		2,971.04	27-AUG-15	2,971.04	Reconciled
361005		20-AUG-15	RAO, YUBIN		15.63	24-AUG-15	15.63	Reconciled
361006		20-AUG-15	RESPONSE ENVELOPE, INC		2,904.17	25-AUG-15	2,904.17	Reconciled
361007		20-AUG-15	ROBERT HALF INTERNATIONAL, INC.		1,944.00	24-AUG-15	1,944.00	Reconciled
361008		20-AUG-15	RODRIGUEZ, LILIANA		19.72	26-AUG-15	19.72	Reconciled
361009		20-AUG-15	SANTA ANA BLUE PRINT		425.01	25-AUG-15	425.01	Reconciled
361010		20-AUG-15	SANTA MARGARITA FORD		138.64	24-AUG-15	138.64	Reconciled
361011		20-AUG-15	SANTA MARGARITA WATER DISTRICT		5,470.50	26-AUG-15	5,470.50	Reconciled
361012		20-AUG-15	SCHWARZKOPF, AUDE		82.56	27-AUG-15	82.56	Reconciled
361013		20-AUG-15	SECURTEC DISTRICT PATROL, INC.		11,467.00	16-SEP-15	11,467.00	Reconciled
361014		20-AUG-15	SHAMROCK SUPPLY CO INC		2,487.16	24-AUG-15	2,487.16	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 20  
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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								
361015		20-AUG-15	SIGMA-ALDRICH INC		639.90	24-AUG-15	639.90	Reconciled
361016		20-AUG-15	SOLIS, MIGUEL		57.53	26-AUG-15	57.53	Reconciled
361017		20-AUG-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		2,218.46	27-AUG-15	2,218.46	Reconciled
361018		20-AUG-15	SOUTH COAST ANSWERING SERVICE		3,422.16	25-AUG-15	3,422.16	Reconciled
361019		20-AUG-15	SOUTH COAST WATER CO.		151.68	24-AUG-15	151.68	Reconciled
361020		20-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		6,750.00	24-AUG-15	6,750.00	Reconciled
361021		20-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		371,837.58	24-AUG-15	371,837.58	Reconciled
361022		20-AUG-15	SOUTHERN CALIFORNIA SECURITY CENTER, INC.		188.76	04-SEP-15	188.76	Reconciled
361023		20-AUG-15	STANDARD REGISTER COMPANY		2,567.15	24-AUG-15	2,567.15	Reconciled
361024		20-AUG-15	TEKDRAULICS		72,965.45	26-AUG-15	72,965.45	Reconciled
361025		20-AUG-15	TESTAMERICA LABORATORIES, INC		349.65	26-AUG-15	349.65	Reconciled
361026		20-AUG-15	THE GAS COMPANY		4,243.12			Voided
361027		20-AUG-15	THOMAS HARDER & CO		11,993.75	31-AUG-15	11,993.75	Reconciled
361028		20-AUG-15	TRANSWORLD SYSTEMS INC		2,519.21	25-AUG-15	2,519.21	Reconciled
361029		20-AUG-15	TROPICAL PLAZA NURSERY INC		29,037.50	26-AUG-15	29,037.50	Reconciled
361030		20-AUG-15	TRUCPARCO		149.25	01-SEP-15	149.25	Reconciled
361031		20-AUG-15	TRUCPARCO		1,203.54	01-SEP-15	1,203.54	Reconciled
361032		20-AUG-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.		310.00	24-AUG-15	310.00	Reconciled
361033		20-AUG-15	UNITED PARCEL SERVICE INC		114.26	24-AUG-15	114.26	Reconciled
361034		20-AUG-15	UNITED SITE SERVICES OF CALIFORNIA INC		152.31	24-AUG-15	152.31	Reconciled
361035		20-AUG-15	VERIZON CALIFORNIA INC		50.17	25-AUG-15	50.17	Reconciled
361036		20-AUG-15	VULCAN MATERIALS COMPANY		1,346.64	24-AUG-15	1,346.64	Reconciled
361037		20-AUG-15	VWR INTERNATIONAL, LLC		1,434.02	24-AUG-15	1,434.02	Reconciled

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 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								
361038		20-AUG-15	WALTERS WHOLESALE ELECTRIC		1,199.66	25-AUG-15	1,199.66	Reconciled
361039		20-AUG-15	WANG, CHIE-NING		44.40	25-AUG-15	44.40	Reconciled
361040		20-AUG-15	WATERLINE TECHNOLOGIES INC		2,840.00	24-AUG-15	2,840.00	Reconciled
361041		20-AUG-15	WAXIE'S ENTERPRISES, INC		1,493.81	24-AUG-15	1,493.81	Reconciled
361042		20-AUG-15	WECK LABORATORIES INC		405.00	31-AUG-15	405.00	Reconciled
361043		20-AUG-15	WINOVITCH, KEN		219.40	31-AUG-15	219.40	Reconciled
361044		20-AUG-15	WOODBRIIDGE SEASONS MAINT		3,495.08	25-AUG-15	3,495.08	Reconciled
361045		20-AUG-15	YORKE ENGINEERING LLC		1,753.00	26-AUG-15	1,753.00	Reconciled
361046		20-AUG-15	AFLAC	2801 DEVINE ST	314.54	01-SEP-15	314.54	Reconciled
361047		20-AUG-15	AFLAC	1932 WYNNTON RD	6,690.54	25-AUG-15	6,690.54	Reconciled
361048		20-AUG-15	COLONIAL LIFE & ACCIDENT INSURANCE CO.	COLUMBIA	1,053.48	24-AUG-15	1,053.48	Reconciled
361049		20-AUG-15	HARTFORD LIFE AND ACCIDENT INSURANCE COMPANY	ATLANTA	132.24	24-AUG-15	132.24	Reconciled
361050		20-AUG-15	PRE-PAID LEGAL SERVICES INC	PO BOX 2629	1,348.26	25-AUG-15	1,348.26	Reconciled
361051		20-AUG-15	THE GAS COMPANY	MONTEREY PARK 1	3,559.88	27-AUG-15	3,559.88	Reconciled
361052		24-AUG-15	DISCOVERY SCIENCE CENTER		120,000.00	26-AUG-15	120,000.00	Reconciled
361053		27-AUG-15	Compton, Christine A		50.43	11-SEP-15	50.43	Reconciled
361054		27-AUG-15	Chaney, David (Dave)		20.10	31-AUG-15	20.10	Reconciled
361055		27-AUG-15	Perez, David M (David)		140.00	02-SEP-15	140.00	Reconciled
361056		27-AUG-15	Martinez, Jose A III (Jose)		86.00			Negotiable
361057		27-AUG-15	Oldewage, Lars D (Lars)		130.38	31-AUG-15	130.38	Reconciled
361058		27-AUG-15	Swan, Peer		235.80	04-SEP-15	235.80	Reconciled
361059		27-AUG-15	Reynoso, Pio (Pio)		91.00	31-AUG-15	91.00	Reconciled
361060		27-AUG-15	Norman, Tammy		125.90	14-SEP-15	125.90	Reconciled
361061		27-AUG-15	Sinclair, Todd C (Todd)		80.00	04-SEP-15	80.00	Reconciled

IRWD Ledger

BANK: Bank of America N.A.

Bank Account Currency: USD ( US Dollar )

Payment Type: All

Payment Register For 01-AUG-15 To 31-AUG-15

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
361062		27-AUG-15	A & V CONTRACTORS INC		54,281.00	03-SEP-15	54,281.00	Reconciled
361063		27-AUG-15	ADVANCED ELECTRONICS INC		3,966.64	01-SEP-15	3,966.64	Reconciled
361064		27-AUG-15	ADVANCED ENVIRONMENTAL COMPLIANCE, LLC		22,800.00	03-SEP-15	22,800.00	Reconciled
361065		27-AUG-15	AIRGAS, INC.		1,273.32	31-AUG-15	1,273.32	Reconciled
361066		27-AUG-15	ALL AMERICAN SEWER TOOLS		1,726.93	31-AUG-15	1,726.93	Reconciled
361067		27-AUG-15	ALLIANCE AG SERVICES, LLC		3,083.68	31-AUG-15	3,083.68	Reconciled
361068		27-AUG-15	ANTHONY SUFFREDINI		1,600.00	31-AUG-15	1,600.00	Reconciled
361069		27-AUG-15	AT&T		99.38	01-SEP-15	99.38	Reconciled
361070		27-AUG-15	AT&T		6,071.83	02-SEP-15	6,071.83	Reconciled
361071		27-AUG-15	AUTOZONE PARTS, INC.		766.58	03-SEP-15	766.58	Reconciled
361072		27-AUG-15	AVISTA TECHNOLOGIES, INC		8,755.53	01-SEP-15	8,755.53	Reconciled
361073		27-AUG-15	BATTERIES PLUS AND BATTERIES PLUS BULBS		1,179.04	31-AUG-15	1,179.04	Reconciled
361074		27-AUG-15	BATTERIES PLUS AND BATTERIES PLUS BULBS		2,005.67	09-SEP-15	2,005.67	Reconciled
361075		27-AUG-15	BILL'S SWEEPING SERVICE INC		920.00	01-SEP-15	920.00	Reconciled
361076		27-AUG-15	BIOMAGIC INC		9,620.87	31-AUG-15	9,620.87	Reconciled
361077		27-AUG-15	BLACK BOX CORP OF PENNSYLVANIA		138.45	02-SEP-15	138.45	Reconciled
361078		27-AUG-15	BLAIRS TOWING INC		250.00	10-SEP-15	250.00	Reconciled
361079		27-AUG-15	BUSH & ASSOCIATES		18,593.00			Negotiable

361080	27-AUG-15	INC C WELLS PIPELINE MATERIALS INC	2,515.32	31-AUG-15	2,515.32	Reconciled
361081	27-AUG-15	CALIFORNIA BARRICADE INC	800.00	02-SEP-15	800.00	Reconciled
361082	27-AUG-15	CANON SOLUTIONS AMERICA, INC.	7,033.96	31-AUG-15	7,033.96	Reconciled
361083	27-AUG-15	CARLUCCIO, JAMES	78.54	01-SEP-15	78.54	Reconciled
361084	27-AUG-15	CH2M HILL, INC	10,046.26	08-SEP-15	10,046.26	Reconciled
361085	27-AUG-15	CHEM TECH INTERNATIONAL INC	11,827.20	04-SEP-15	11,827.20	Reconciled
361086	27-AUG-15	CHU, YANG	2.32			Negotiable
361087	27-AUG-15	CITY OF IRVINE	5,156.80	01-SEP-15	5,156.80	Reconciled

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 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								
361088		27-AUG-15	CITY OF NEWPORT BEACH		1,247.95	01-SEP-15	1,247.95	Reconciled
361089		27-AUG-15	CIVILSOURCE, INC.		42,336.00	08-SEP-15	42,336.00	Reconciled
361090		27-AUG-15	CLEAN ENERGY		1,729.01	01-SEP-15	1,729.01	Reconciled
361091		27-AUG-15	CORELOGIC INC		24.00	31-AUG-15	24.00	Reconciled
361092		27-AUG-15	COX COMMUNICATIONS		3,232.19	31-AUG-15	3,232.19	Reconciled
361093		27-AUG-15	CREDENTIAL CHECK CORPORATION		209.09	01-SEP-15	209.09	Reconciled
361094		27-AUG-15	CUMMINS PACIFIC, LLC		155.07	31-AUG-15	155.07	Reconciled
361095		27-AUG-15	DRAEGER SAFETY INC		1,050.79	01-SEP-15	1,050.79	Reconciled
361096		27-AUG-15	EISEL ENTERPRISES INC		27,661.23	01-SEP-15	27,661.23	Reconciled
361097		27-AUG-15	ELITE EQUIPMENT, INC.		1,328.37	03-SEP-15	1,328.37	Reconciled
361098		27-AUG-15	ENGINE & COMPRESSOR ACCESSORIES		7,755.77	31-AUG-15	7,755.77	Reconciled
361099		27-AUG-15	ENGLAND, JIONG		109.67	04-SEP-15	109.67	Reconciled
361100		27-AUG-15	ENVIRONMENTAL RESOURCE ASSOCIATES		122.64	03-SEP-15	122.64	Reconciled
361101		27-AUG-15	FARRELL & ASSOCIATES		180.89	01-SEP-15	180.89	Reconciled
361102		27-AUG-15	FARWEST CORROSION CONTROL COMPANY		2,850.00	31-AUG-15	2,850.00	Reconciled
361103		27-AUG-15	FEDEX		622.81	04-SEP-15	622.81	Reconciled
361104		27-AUG-15	FERGUSON ENTERPRISES, INC.		5,476.03	31-AUG-15	5,476.03	Reconciled
361105		27-AUG-15	FISERV		300.25	01-SEP-15	300.25	Reconciled
361106		27-AUG-15	FISHER SCIENTIFIC COMPANY LLC		2,696.20	31-AUG-15	2,696.20	Reconciled
361107		27-AUG-15	FLEET SOLUTIONS LLC		988.04	02-SEP-15	988.04	Reconciled
361108		27-AUG-15	FULLER TRUCK ACCESSORIES		2,215.10	31-AUG-15	2,215.10	Reconciled
361109		27-AUG-15	GANAHL LUMBER CO.		2,841.35	02-SEP-15	2,841.35	Reconciled
361110		27-AUG-15	GE ANALYTICAL INSTRUMENTS INC		9,472.00	01-SEP-15	9,472.00	Reconciled
361111		27-AUG-15	GENERAL PUMP COMPANY INC		11,540.00	09-SEP-15	11,540.00	Reconciled
361112		27-AUG-15	GHD INC.		19,635.00	08-SEP-15	19,635.00	Reconciled
361113		27-AUG-15	GRAINGER		4,580.56	31-AUG-15	4,580.56	Reconciled
361114		27-AUG-15	HACH COMPANY		4,288.20	01-SEP-15	4,288.20	Reconciled
361115		27-AUG-15	HELPMATES STAFFING SERVICES		13,526.83	03-SEP-15	13,526.83	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
361116		27-AUG-15	HILL BROTHERS CHEMICAL COMPANY		10,139.35	03-SEP-15	10,139.35	Reconciled
361117		27-AUG-15	HOME DEPOT USA INC		1,098.83	03-SEP-15	1,098.83	Reconciled
361118		27-AUG-15	HORIZON TECHNOLOGY INC		169.44	31-AUG-15	169.44	Reconciled
361119		27-AUG-15	HUNSAKER & ASSOCIATES IRVINE		1,456.00	01-SEP-15	1,456.00	Reconciled
361120		27-AUG-15	IBM CORPORATION		3,821.00	31-AUG-15	3,821.00	Reconciled
361121		27-AUG-15	INDUSTRIAL METAL SUPPLY CO		1,750.47	31-AUG-15	1,750.47	Reconciled
361122		27-AUG-15	INFOSYS LIMITED		102,631.00	04-SEP-15	102,631.00	Reconciled
361123		27-AUG-15	IRVINE PIPE & SUPPLY INC		1,417.83	31-AUG-15	1,417.83	Reconciled
361124		27-AUG-15	IRWD-PETTY CASH		1,441.31	31-AUG-15	1,441.31	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
361125		27-AUG-15	CUSTODIAN JOHNSTONE SUPPLY		825.55	01-SEP-15	825.55	Reconciled
361126		27-AUG-15	JONATHAN, JEFFA		57.96	31-AUG-15	57.96	Reconciled
361127		27-AUG-15	KOELLER NEBEKER CARLSON & HALUCK, LLP		427.44	31-AUG-15	427.44	Reconciled
361128		27-AUG-15	L. G. SUPPLY COMPANY		3,636.90			Negotiable
361129		27-AUG-15	LANDCARE HOLDINGS, INC.		404.30	01-SEP-15	404.30	Reconciled
361130		27-AUG-15	LU'S LIGHTHOUSE, INC.		3,517.70	01-SEP-15	3,517.70	Reconciled
361131		27-AUG-15	MALEK, SAM		91.11	09-SEP-15	91.11	Reconciled
361132		27-AUG-15	MARVIN GARDENS LLC		2,593.70	27-AUG-15	2,593.70	Reconciled
361133		27-AUG-15	MAUREEN SASSOON		2,532.00	31-AUG-15	2,532.00	Reconciled
361134		27-AUG-15	MC MASTER CARR SUPPLY CO		1,853.08	02-SEP-15	1,853.08	Reconciled
361135		27-AUG-15	MCBAIN SYSTEMS LP		550.00	31-AUG-15	550.00	Reconciled
361136		27-AUG-15	NAVIGANT CONSULTING, INC		51,166.74	04-SEP-15	51,166.74	Reconciled
361137		27-AUG-15	NEWPORT WINDOW MAINTENANCE INC		2,224.00	31-AUG-15	2,224.00	Reconciled
361138		27-AUG-15	OCEAN BLUE ENVIRONMENTAL SERVICES INC		2,871.12			Negotiable
361139		27-AUG-15	OCTA		5,342.00	01-SEP-15	5,342.00	Reconciled
361140		27-AUG-15	OCTA		1,460.00			Negotiable
361141		27-AUG-15	OLIN CORPORATION		14,195.49	04-SEP-15	14,195.49	Reconciled
361142		27-AUG-15	ONESOURCE		123.45	31-AUG-15	123.45	Reconciled
361143		27-AUG-15	DISTRIBUTORS LLC ORANGE COUNTY AUTO PARTS CO		470.72	31-AUG-15	470.72	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 25  
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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
361144		27-AUG-15	ORANGE COUNTY WATER ASSOCIATION		30.00			Negotiable
361145		27-AUG-15	PACIFIC MECHANICAL SUPPLY		152.64	31-AUG-15	152.64	Reconciled
361146		27-AUG-15	PACIFIC RESOURCE RECOVERY		1,928.40	31-AUG-15	1,928.40	Reconciled
361147		27-AUG-15	PAPER DEPOT DOCUMENT DESTRUCTION LLC		887.00	04-SEP-15	887.00	Reconciled
361148		27-AUG-15	PARKHOUSE TIRE INC		70.20	02-SEP-15	70.20	Reconciled
361149		27-AUG-15	PAULUS ENGINEERING INC		28,654.43	03-SEP-15	28,654.43	Reconciled
361150		27-AUG-15	PRAXAIR DISTRIBUTION INC		2,252.07	31-AUG-15	2,252.07	Reconciled
361151		27-AUG-15	PTI SAND & GRAVEL INC		1,086.54	03-SEP-15	1,086.54	Reconciled
361152		27-AUG-15	RAM AIR ENGINEERING INC		7,300.07	03-SEP-15	7,300.07	Reconciled
361153		27-AUG-15	RED WING SHOES		899.84	03-SEP-15	899.84	Reconciled
361154		27-AUG-15	RINCON TRUCK CENTER INC.		601.58	31-AUG-15	601.58	Reconciled
361155		27-AUG-15	ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT		123,175.12	09-SEP-15	123,175.12	Reconciled
361156		27-AUG-15	SANDERS PAVING INC		950.00	04-SEP-15	950.00	Reconciled
361157		27-AUG-15	SANTIAGO AQUEDUCT COMMISSION		21,096.00	14-SEP-15	21,096.00	Reconciled
361158		27-AUG-15	SEAL ANALYTICAL INC		470.04	31-AUG-15	470.04	Reconciled
361159		27-AUG-15	SERRANO WATER DISTRICT		12,848.58	04-SEP-15	12,848.58	Reconciled
361160		27-AUG-15	SHAMROCK SUPPLY CO INC		20.61	31-AUG-15	20.61	Reconciled
361161		27-AUG-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		3,030.79	04-SEP-15	3,030.79	Reconciled
361162		27-AUG-15	SOUTH COAST TOYOTA		90,442.74	08-SEP-15	90,442.74	Reconciled
361163		27-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		168,262.30	31-AUG-15	168,262.30	Reconciled
361164		27-AUG-15	SOUTHERN CALIFORNIA EDISON COMPANY		600.00	31-AUG-15	600.00	Reconciled
361165		27-AUG-15	TESTAMERICA LABORATORIES, INC		192.15	31-AUG-15	192.15	Reconciled
361166		27-AUG-15	TITAN OUTDOOR LLC		18,880.30	08-SEP-15	18,880.30	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 26  
 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								
361167		27-AUG-15	TOXGUARD FLUID TECHNOLOGIES		289.89	04-SEP-15	289.89	Reconciled
361168		27-AUG-15	TROPICAL PLAZA NURSERY INC		756.00	31-AUG-15	756.00	Reconciled
361169		27-AUG-15	TRUCPARCO		2,120.11	01-SEP-15	2,120.11	Reconciled
361170		27-AUG-15	TSI INCORPORATED		254.74	01-SEP-15	254.74	Reconciled
361171		27-AUG-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.		255.00	31-AUG-15	255.00	Reconciled
361172		27-AUG-15	US BANK NAT'L ASSOCIATION NORTH DAKOTA		133,089.37	08-SEP-15	133,089.37	Reconciled
361173		27-AUG-15	VA CONSULTING, INC		17,659.70	03-SEP-15	17,659.70	Reconciled
361174		27-AUG-15	VALLEYCREST LANDSCAPE DEVELOPMENT, INC.		47,830.96	02-SEP-15	47,830.96	Reconciled
361175		27-AUG-15	VCS ENVIRONMENTAL		1,787.50	31-AUG-15	1,787.50	Reconciled
361176		27-AUG-15	VERIZON CALIFORNIA INC		574.15	01-SEP-15	574.15	Reconciled
361177		27-AUG-15	VWR INTERNATIONAL, LLC		1,516.49	02-SEP-15	1,516.49	Reconciled
361178		27-AUG-15	WALTERS WHOLESale ELECTRIC		3,237.33	01-SEP-15	3,237.33	Reconciled
361179		27-AUG-15	WAXIE'S ENTERPRISES, INC		1,702.29	02-SEP-15	1,702.29	Reconciled
361180		27-AUG-15	WESTAMERICA COMMUNICATIONS, INC.		13,977.26	28-AUG-15	13,977.26	Reconciled
361181		27-AUG-15	WESTAMERICA COMMUNICATIONS, INC.		4,730.50	31-AUG-15	4,730.50	Reconciled
361182		27-AUG-15	WESTERN EXTERMINATOR COMPANY		9,054.50	08-SEP-15	9,054.50	Reconciled
361183		27-AUG-15	WOODRUFF, SPRADLIN & SMART APC		280.50	02-SEP-15	280.50	Reconciled
361184		27-AUG-15	ZENON ENVIRONMENTAL CORPORATION		85.50	01-SEP-15	85.50	Reconciled
Payment Document Subtotal:					6,631,691.18		6,593,964.28	

Payment Document : IRWD Wire  
 IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles  
 Bank Account Currency: USD ( US Dollar )  
 Payment Type: All  
 Payment Register For 01-AUG-15 To 31-AUG-15  
 Account: Checking AP and PR  
 Payment Currency: USD ( US Dollar )  
 Report Date: 17-SEP-2015 17:30  
 Page: 27  
 Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11106		12-AUG-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	848.22			Negotiable
11107		12-AUG-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	7,635.35			Negotiable
11108		12-AUG-15	INTERNAL REVENUE SERVICE	FRESNO	172,868.30			Negotiable
11109		12-AUG-15	FRANCHISE TAX BOARD	SACRAMENTO	46,722.48			Negotiable
11110		12-AUG-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	8,163.53			Negotiable
11111		13-AUG-15	CALPERS	SACRAMENTO 1	374,057.94			Negotiable
11112		19-AUG-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	97,664.63			Negotiable
11113		24-AUG-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	55,772.01			Negotiable
11114		25-AUG-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,045.02			Negotiable
11115		25-AUG-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17			Negotiable
11116		25-AUG-15	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	2,074.26			Negotiable
11117		25-AUG-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	10,534.69			Negotiable
11118		25-AUG-15	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY	DENVER	97,562.96			Negotiable
11119		25-AUG-15	CALPERS	SACRAMENTO	85,517.93			Negotiable

11120	25-AUG-15	INTERNAL REVENUE SERVICE	FRESNO	161,606.26	Negotiable
11121	25-AUG-15	FRANCHISE TAX BOARD	SACRAMENTO	43,265.01	Negotiable
11122	25-AUG-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	9,668.49	Negotiable
11123	25-AUG-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17	Negotiable

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 Bank Account Currency: USD ( US Dollar ) Account: Checking AP and PR Page: 28  
 Payment Type: All Payment Currency: USD ( US Dollar ) Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11124		25-AUG-15	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	2,074.26			Negotiable
11125		25-AUG-15	CALPERS	SACRAMENTO	84,998.99			Negotiable
11126		25-AUG-15	U.S. BANK NATIONALST. LOUIS ASSOCIATION		11,149.69			Negotiable
11127		25-AUG-15	CITIGROUP GLOBAL MARKETS INC.	NEW YORK	925,420.51			Negotiable
11128		25-AUG-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	5,460.00			Negotiable
11129		25-AUG-15	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	272.33			Negotiable
11130		25-AUG-15	U.S. BANK NATIONALPAY ASSOCIATION		573.19			Negotiable
11131		25-AUG-15	BANK OF AMERICA	SAN FRANCISCO	573.19			Negotiable
11132		25-AUG-15	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	819.86			Negotiable
11133		25-AUG-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	293.86			Negotiable
11134		25-AUG-15	MUNICIPAL WATER DISTRICT OF ORANGEVALLEY COUNTY	FOUNTAIN	1,720,656.20			Negotiable
11135		26-AUG-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	11,068.73			Negotiable
11136		26-AUG-15	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY	DENVER	97,756.39			Negotiable
11137		26-AUG-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	12,273.55			Negotiable
11138		28-AUG-15	PCL CONSTRUCTION, INC.	ACCT 6971821722	3,332,684.70			Negotiable
11139		28-AUG-15	PCL CONSTRUCTION, INC.	ESR 141511.1	370,298.30			Negotiable
11140		28-AUG-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	7,552.08			Negotiable
11141		31-AUG-15	TODAY REAL ESTATE	TUSTIN	31.12			Negotiable
11142		31-AUG-15	POZZI, KATHRYN	PAY	30.07			Negotiable
11143		31-AUG-15	CHEN, GANG	PAY	37.82			Negotiable

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles Payment Register For 01-AUG-15 To 31-AUG-15 Report Date: 17-SEP-2015 17:30  
 Bank Account Currency: USD ( US Dollar ) Account: Checking AP and PR Page: 29  
 Payment Type: All Payment Currency: USD ( US Dollar ) Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11144		31-AUG-15	HARRIMAN, JOHNNIE	PAY	51.96			Negotiable
11145		31-AUG-15	QUACH, BEN	PAY	19.91			Negotiable
11146		31-AUG-15	STOUT, GIBRAN	PAY	29.70			Negotiable
11147		31-AUG-15	FILANC-BALFOUR BEATTY JV	ACT 4427724347	1,778,082.98			Negotiable
11148		31-AUG-15	FILANC-BALFOUR BEATTY JV	ESR 211084000	197,564.78			Negotiable
11149		31-AUG-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	1,470,750.00			Negotiable
Payment Document Subtotal:					11,215,531.59			
Bank Account Subtotal :					17,847,222.77		6,593,964.28	

Report Count : 726

Report Total: 17,847,222.77 6,593,964.28

=====  
Total Disbursements

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

\$ 17,847,222.77 Disbursements  
    <11,078.14> Voids  
-----  
\$ 17,836,144.63 Total Voids and Disbursements

## 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-AUG-15 to 31-AUG-15

NAME	CHECK NO.	CHECK DATE	TRANSACTION	ITEM DESCRIPTION	EXPENSE JUSTIFICATION
Bonkowski, Leslie	360872	20-Aug-15	251.93	Other(Misc)	Meeting supplies
Cascelli, Craig	360506	6-Aug-15	156.00	Membership/Certification	CWEA membership renewal
Chaney, Dave	360508	6-Aug-15	250.00	Membership/Certification	Collections II certificate renewal
Dillhoefer, Ed	360670	13-Aug-15	105.00	Membership/Certification	Distribution Grade V certificate renewal
Dugan, Jeff	360674	13-Aug-15	177.10	Other(Misc)	Safety eye glass allowance
Garcia, Alex	360869	20-Aug-15	129.12	Other(Misc)	Wireless case/cover reimbursement
Hayes, John	360513	6-Aug-15	200.00	Other(Misc)	Distribution Operator Grade 4 certificate renewal
Hayes, John	360675	13-Aug-15	105.00	Membership/Certification	SWRCB Distribution Operator Grade 4 certificate renewal
Jackson, Gina	360509	6-Aug-15	115.85	Other(Misc)	Customer Service Supervisors lunch meeting for five people
LaMar, Steve	360879	20-Aug-15	149.33	Auto Rental	ACWA Headwater Work Group Tour, July 20-22, 2015 - Auburn, CA
LaMar, Steve	360879	20-Aug-15	193.38	Auto Rental	Calif. Environmental Dialogue Plenary meeting, July 29-30, 2015 - Sonoma, CA
McBride, Damien	360668	13-Aug-15	165.00	Membership/Certification	CWEA Grade II certificate renewal
McElroy, Dorien	360669	13-Aug-15	112.31	Other(Misc)	Wireless Device Case reimbursement
Mossbarger, Tony	360665	13-Aug-15	208.18	Other(Misc)	CC&B Rate Change Team lunch meeting for nine people
Murphy, Alexander	360505	6-Aug-15	115.00	Membership/Certification	Professional Engineer license renewal
Norman, Tammy	361060	27-Aug-15	125.90	Other(Misc)	Meeting supplies
Pan, Jenny	360511	6-Aug-15	100.00	Other(Misc)	Retirement lunch for Mike Bray from Finance
Perez, David	361055	27-Aug-15	140.00	Membership/Certification	Distribution Grade IV certificate renewal
Pfister, Ken	360677	13-Aug-15	150.92	Other(Misc)	Provided lunch for emergency responders due to pipe leak & cleanup (18 people)
Schreiner, Terrance	360880	20-Aug-15	260.00	Membership/Certification	CWEA Grade IV certificate renewal
Schulze, Richard	360878	20-Aug-15	159.98	Other(Misc)	Safety shoes allowance
Shih, Josephine	360510	6-Aug-15	102.00	Parking Fee	Attended Esri Conference - July 21-23, 2015 - San Diego, CA
Solis, Henry	360673	13-Aug-15	164.00	Membership/Certification	CWEA membership and Collections Grade III renewal
Solis, Henry	360870	20-Aug-15	127.48	Other(Misc)	Provided lunch for emergency responders due to pipe leak & cleanup (18 people)
<b>Total Amount:</b>			<b>\$3,763.48</b>		

September 28, 2015

Prepared by: Gretchen Ronin

Submitted by: Jenny Roney

Approved by: Paul A. Cook

## ACTION CALENDAR

### PROPOSED CHANGES TO SALARY GRADE SCHEDULE, SALARIES, AND PERSONNEL POLICIES AND PROCEDURES FOR SUPERVISORS, MANAGERS, AND CONFIDENTIAL EMPLOYEES

#### SUMMARY:

The Bureau of Labor Statistics has released the Consumer Price Index (CPI) for the period ending July 2015, which reflects a 1.51% increase from September 2014, which was the last index used by the District for Cost of Living Adjustments. Staff is requesting that the Board:

- Approve an increase to the Salary Grade Schedule for Supervisory, Management, and Confidential positions (Exhibit "A");
- Approve a Cost of Living Adjustment of 1.51% for eligible employees in these positions;
- Approve the revisions to Policy No.18 and Policy No. 39 as detailed below; and
- Adopt the following two resolutions:
  - 1) Establishing revised Salary Grade Schedule for Supervisors, Managers, and Confidential Employees and rescinding Resolution No. 2015-14 dated June 8, 2015; and
  - 2) Establishing revised Personnel Policies and rescinding Resolution No. 2014-12 dated February 10, 2014.

#### BACKGROUND:

The following revisions have been made to the policies shown in Exhibit "B":

Policy No. 18 – Vacation: Policy has been revised to include an additional 20 hours vacation accrual per year for Supervisors, Managers, and Confidential employees when they reach 15 years of services and an additional 20 hours vacation accrual per year when they reach 20 years of service. Policy has also been revised to allow employees in these positions the ability to elect the option to receive cash for vacation hours during the annual vacation buy-back/transfer process.

Policy No. 39 – Deferred Compensation Plan Policy: Policy has been revised to provide Supervisors, Managers, and Confidential Employees a 1% direct contribution to an employee's 401(a) Plan following two years of service to the District.

#### Other Changes:

The Supervisors, Managers, and Confidential Employees will also be encouraged to participate in the new Shared Wellness Incentive Program. Also, any employees in these positions who hold a commercial driver's licenses will also receive the increased incentive as negotiated in the District's Memorandum of Understanding with the General Employees' Unit.

FISCAL IMPACTS:

Actual funds needed to implement a 1.51% increase for Supervisors, Managers, and Confidential Employees for FY2015-16 is approximately \$180,000 in salaries and \$45,000 in additional CalPERS contributions. There are sufficient funds in the FY 2015-16 Operating Budget to implement the recommended action.

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:

These revisions have been discussed with the full Board during the negotiation process.

RECOMMENDATION:

THAT THE BOARD APPROVE AN INCREASE TO THE SALARY GRADE SCHEDULE FOR SUPERVISORY, MANAGEMENT AND CONFIDENTIAL POSITIONS; APPROVE A COST OF LIVING ADJUSTMENT OF 1.51% FOR ELIGIBLE EMPLOYEES IN THESE POSITIONS; APPROVE THE REVISIONS TO POLICY NOS. 18 AND 39; AND ADOPT THE FOLLOWING TWO RESOLUTIONS BY TITLE:

RESOLUTION NO. 2015-

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE RANCH  
WATER DISTRICT, RESCINDING RESOLUTION NO. 2015-14  
AND ESTABLISHING REVISED SALARY GRADE SCHEDULE FOR  
SUPERVISORS, MANAGERS, AND CONFIDENTIAL EMPLOYEES

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE RANCH  
WATER DISTRICT, RESCINDING RESOLUTION NO. 2014-12  
AND ESTABLISHING REVISED PERSONNEL POLICIES  
(FOR POLICY NOS. 18 AND 39)

LIST OF EXHIBITS:

Exhibit "A" – Resolution and Proposed revisions to salary grade schedule  
Exhibit "B" – Resolution and Proposed revisions to policies

**EXHIBIT "A"**

RESOLUTION NO. 2015 -

RESOLUTION OF THE BOARD OF DIRECTORS  
OF IRVINE RANCH WATER DISTRICT,  
RESCINDING RESOLUTION NO. 2015-14 AND  
ESTABLISHING A REVISED SCHEDULE OF POSITIONS  
AND SALARY RATE RANGES FOR SUPERVISORS, MANAGERS,  
AND CONFIDENTIAL EMPLOYEES

WHEREAS, the Board of Directors of Irvine Ranch Water District, by adoption of Resolution No. 2015-14 on June 8, 2015, 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. 2015-14 on June 8, 2015 is hereby rescinded, effective July 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 "A" to this Resolution, attached hereto and by this reference made a part hereto.

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

ADOPTED, SIGNED and APPROVED THIS 28<sup>th</sup> day of September 2015.

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

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

APPROVED AS TO FORM:  
Bowie, Arneson, Wiles & Giannone  
Legal Counsel - IRWD

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

**IRVINE RANCH WATER DISTRICT**  
**SALARY GRADE SCHEDULE**  
**SUPERVISORS, MANAGERS, AND CONFIDENTIAL EMPLOYEES**  
July 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	\$ <u>26562696</u>	\$ <u>3293</u>	\$ <u>34573509</u>
SALARY GRADE U2.N	\$ <u>27142755</u>	\$ <u>33833434</u>	\$ <u>35533607</u>
SALARY GRADE U3.N	\$ <u>27712813</u>	\$ <u>34763528</u>	\$ <u>36513706</u>
SALARY GRADE U4.N	\$ <u>28212864</u>	\$ <u>35773631</u>	\$ <u>37563813</u>
SALARY GRADE U5.N	\$ <u>28852929</u>	\$ <u>36763732</u>	\$ <u>38613919</u>
SALARY GRADE U6.N	\$ <u>29432987</u>	\$ <u>37833840</u>	\$ <u>39724032</u>
SALARY GRADE U7.N	\$ <u>30013046</u>	\$ <u>38883947</u>	\$ <u>40834145</u>
SALARY GRADE U8.N	\$ <u>30673113</u>	\$ <u>40004060</u>	\$ <u>42004263</u>
SALARY GRADE U9.N	\$ <u>31263173</u>	\$ <u>41104172</u>	\$ <u>43164381</u>
SALARY GRADE U10.N	\$ <u>31903238</u>	\$ <u>42224286</u>	\$ <u>44324499</u>
SALARY GRADE U11.N	\$ <u>32523301</u>	\$ <u>43314396</u>	\$ <u>45454614</u>
SALARY GRADE U12.N	\$ <u>33163366</u>	\$ <u>44574524</u>	\$ <u>46814752</u>
SALARY GRADE U13.N	\$ <u>33783429</u>	\$ <u>45854654</u>	\$ <u>48154888</u>
SALARY GRADE U14.N	\$ <u>34543506</u>	\$ <u>47144785</u>	\$ <u>49505025</u>
SALARY GRADE U15.N	\$ <u>35283581</u>	\$ <u>48404913</u>	\$ <u>50825159</u>
SALARY GRADE U16.N	\$ <u>36113666</u>	\$ <u>49755050</u>	\$ <u>52235302</u>

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE U17.N	\$ <u>36883744</u>	\$ <u>50995176</u>	\$ <u>53545435</u>
SALARY GRADE U18.N	\$ <u>37693826</u>	\$ <u>52375316</u>	\$ <u>54995582</u>
SALARY GRADE U19.N	\$ <u>38553913</u>	\$ <u>53695450</u>	\$ <u>56395724</u>
SALARY GRADE U20.N	\$ <u>39584018</u>	\$ <u>55425626</u>	\$ <u>58205908</u>
SALARY GRADE U21.N	\$ <u>40704313</u>	\$ <u>57105796</u>	\$ <u>59976088</u>
SALARY GRADE U22.N Executive Secretary Human Resources Assistant	\$ <u>41824245</u>	\$ <u>58895978</u>	\$ <u>61856278</u>
SALARY GRADE U23.N	\$ <u>42924357</u>	\$ <u>60686160</u>	\$ <u>63716467</u>
SALARY GRADE U24.N	\$ <u>44144481</u>	\$ <u>62586352</u>	\$ <u>65716670</u>
SALARY GRADE U25.N	\$ <u>45304598</u>	\$ <u>64506547</u>	\$ <u>67746876</u>
SALARY GRADE U26.N Executive Assistant	\$ <u>46704741</u>	\$ <u>66426742</u>	\$ <u>69747079</u>
SALARY GRADE U27.N	\$ <u>48054878</u>	\$ <u>68376940</u>	\$ <u>71797287</u>
SALARY GRADE U28.N	\$ <u>49465021</u>	\$ <u>70407146</u>	\$ <u>73937505</u>
SALARY GRADE U29.N Safety & Security Specialist Administrative Assistant	\$ <u>50935170</u>	\$ <u>72457354</u>	\$ <u>76077722</u>
SALARY GRADE U30.N Collection Systems Supervisor	\$ <u>52475326</u>	\$ <u>74597572</u>	\$ <u>78337951</u>
SALARY GRADE U31.N Human Resources Analyst Cross Connection Supervisor Water Maintenance Supervisor Facilities Services Supervisor	\$ <u>54025484</u>	\$ <u>76847800</u>	\$ <u>80678189</u>

<u>NON-EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
Fleet Supervisor			
SALARY GRADE U32.N Network Administrator Mechanical Maintenance Supervisor	\$55585642	\$79118030	\$83078432
SALARY GRADE U33.N Construction Inspection Supervisor	\$57205806	\$81418264	\$85488677
SALARY GRADE U34.N Automation Supervisor Electrical Supervisor Instrumentation Supervisor	\$58895978	\$83668492	\$87858918
SALARY GRADE U35.N Operations Supervisor	\$60676159	\$86178747	\$90489185

**IRVINE RANCH WATER DISTRICT**  
**SALARY GRADE SCHEDULE**  
**SUPERVISORS, MANAGERS, AND CONFIDENTIAL EMPLOYEES**

July 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	<u>\$42714335</u>	<u>\$54885571</u>	<u>\$57645848</u>
SALARY GRADE U2.E	<u>\$44134480</u>	<u>\$57005786</u>	<u>\$59856075</u>
SALARY GRADE U3.E	<u>\$45554624</u>	<u>\$59436002</u>	<u>\$62096303</u>
SALARY GRADE U4.E	<u>\$46974768</u>	<u>\$61396232</u>	<u>\$64466543</u>
SALARY GRADE U5.E	<u>\$48404913</u>	<u>\$63676463</u>	<u>\$66866787</u>
SALARY GRADE U6.E	<u>\$50065082</u>	<u>\$66146714</u>	<u>\$69457050</u>
SALARY GRADE U7.E	<u>\$51675245</u>	<u>\$68586962</u>	<u>\$72007309</u>
SALARY GRADE U8.E	<u>\$53355416</u>	<u>\$71267234</u>	<u>\$74837596</u>
SALARY GRADE U9.E	<u>\$54975580</u>	<u>\$73877499</u>	<u>\$77567873</u>
SALARY GRADE U10.E Customer Service Supervisor	<u>\$56815767</u>	<u>\$76677783</u>	<u>\$80548173</u>
SALARY GRADE U11.E Senior Accountant Financial Analyst	<u>\$58635952</u>	<u>\$79518071</u>	<u>\$83498475</u>
SALARY GRADE U12.E	<u>\$60546145</u>	<u>\$82568381</u>	<u>\$86678798</u>
SALARY GRADE U13.E Senior Human Resources Analyst Senior Analyst GIS Supervisor	<u>\$62496343</u>	<u>\$85568685</u>	<u>\$89829118</u>

<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	<u>\$64536550</u>	<u>\$88869020</u>	<u>\$93299470</u>
SALARY GRADE U15.E Senior Programmer/Analyst Senior Network Administrator Applications Analyst Assistant Field Services Manager Laboratory Supervisor	<u>\$66576758</u>	<u>\$92189357</u>	<u>\$96779823</u>
SALARY GRADE U16.E Assistant Operations Manager Principal Analyst Natural Resources Manager Collection Systems Manager Laboratory Manager Water Use Efficiency Manager	<u>\$68796983</u>	<u>\$95679711</u>	<u>\$1004510197</u>
SALARY GRADE U17.E District Safety and Security Manager Customer Service Manager Purchasing Manager Construction Inspection Manager Construction & Field Services Manager Water Maintenance Manager Facilities/Fleet Manager	<u>\$70997206</u>	<u>\$991810068</u>	<u>\$1041310570</u>
SALARY GRADE U18.E Public Affairs Manager Human Resources Manager Treasury Manager Manager of Contracts Admin & Risk Senior Applications Analyst Senior Applications Developer Senior Database Administrator Chief Plant Operator Water Quality Manager Regulatory Compliance Manager	<u>\$73287439</u>	<u>\$1029610451</u>	<u>\$1081010973</u>
SALARY GRADE U19.E Operations Manager Electrical and Automation Manager Mechanical Services Manager Recycled Water Development Manager Water Resources Manager	<u>\$75617675</u>	<u>\$1067610837</u>	<u>\$1121111380</u>

<u>EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE U20.E Controller Manager of Strategic Planning and Analysis Applications Manager Networking & Support Manager Senior Engineer	<del>\$779</del> <u>67914</u>	<del>\$1107</del> <u>11238</u>	<del>\$1162</del> <u>511801</u>
SALARY GRADE U21.E	<del>\$803</del> <u>48155</u>	<del>\$1147</del> <u>11644</u>	<del>\$1204</del> <u>512227</u>
SALARY GRADE U22.E	<del>\$829</del> <u>28417</u>	<del>\$1189</del> <u>712077</u>	<del>\$1249</del> <u>412683</u>
SALARY GRADE U23.E Governmental Relations Officer Principal Engineer Assistant Director of Water Operations Assistant Director of Recycling Operations Assistant Director of Maintenance	<del>\$855</del> <u>58684</u>	<del>\$1232</del> <u>912515</u>	<del>\$1294</del> <u>613141</u>
SALARY GRADE U24.E	<del>\$878</del> <u>68919</u>	<del>\$1282</del> <u>513019</u>	<del>\$1346</del> <u>613669</u>
SALARY GRADE U25.E	<del>\$905</del> <u>89195</u>	<del>\$1331</del> <u>113512</u>	<del>\$1397</del> <u>514186</u>
SALARY GRADE U26.E	<del>\$947</del> <u>19614</u>	<del>\$1401</del> <u>414226</u>	<del>\$1471</del> <u>514937</u>
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	<del>\$990</del> <u>510055</u>	<del>\$1475</del> <u>614979</u>	<del>\$1549</del> <u>415728</u>
SALARY GRADE U28.E	<del>\$1036</del> <u>010516</u>	<del>\$1553</del> <u>415769</u>	<del>\$1631</del> <u>116557</u>
SALARY GRADE U29.E	<del>\$1083</del> <u>210996</u>	<del>\$1635</del> <u>616603</u>	<del>\$1717</del> <u>417433</u>
SALARY GRADE U30.E Executive Director of Finance Executive Director of Engineering & Water Quality Executive Director of Operations Executive Director of Water Policy	<del>\$1133</del> <u>311504</u>	<del>\$1722</del> <u>417484</u>	<del>\$1808</del> <u>518358</u>

<u>EXEMPT</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>EXCEPTIONAL PERFORMANCE TOP OF RANGE</u>
SALARY GRADE U31.E	\$ <del>11896</del> <u>12076</u>	\$ <del>18201</del> <u>18476</u>	\$ <del>19111</del> <u>19400</u>
SALARY GRADE U32.E	\$ <del>12493</del> <u>12682</u>	\$ <del>19238</del> <u>19528</u>	\$ <del>20200</del> <u>20505</u>
SALARY GRADE U33.E	\$ <del>13114</del> <u>13312</u>	\$ <del>20330</del> <u>20637</u>	\$ <del>21347</del> <u>21669</u>
SALARY GRADE U34.E General Manager	\$ <del>13772</del> <u>13980</u>	\$ <del>21484</del> <u>21808</u>	\$ <del>22557</del> <u>22898</u>

*Effective Date 07/01/2015*

EXHIBIT "B"

RESOLUTION NO. 2015-

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE RANCH  
WATER DISTRICT, RESCINDING RESOLUTION NO. 2014-12  
AND ESTABLISHING REVISED PERSONNEL POLICIES  
(FOR POLICY NO. 18 and POLICY NO. 39)

WHEREAS, the Irvine Ranch Water District (IRWD) is a California Water District formed pursuant to Division 13 of the Water Code of the State of California; and

WHEREAS, Section 34900 of said Code provides that the Board of Directors shall employ and appoint such agents, officers and employees as may be required and prescribe their duties and fix their salaries; and

WHEREAS, by adoption of Resolution No. 2014-12 dated February 10, 2014, the Board established revised Personnel Policies; and

WHEREAS, the Board of Directors of Irvine Ranch Water District deem it advisable and in the best interest of said District to revise Personnel Policy follows:

Policy No. 18 – Vacation: Policy has been revised to include additional accruals for Supervisors, Managers, and Confidential employees and to reflect changes to the annual vacation buy-back program for the same employees.

Policy No. 39 – Deferred Compensation Plan Policy: Policy has been revised to include a 1% direct contribution for Supervisors, Managers, and Confidential employees after two years of employment.

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

Section 1. That Resolution No. 2014-12 be and hereby is rescinded in its entirety.

Section 2. That the Finance and Personnel Committee be authorized to approve exceptions to the District's Personnel Policies and procedures as long as those exceptions do not violate the general intent of the policy and/or procedure and are made in the best interest of the overall operations of the District. Any changes made by Committee are to be reported to the Board of Directors.

Section 3. That the Personnel Policies for Irvine Ranch Water District be, and hereby are, approved and adopted as more specifically set forth in Exhibit "A" of this Resolution, attached hereto and by this reference made a part hereof.

ADOPTED, SIGNED AND APPROVED this 28<sup>th</sup> day of September, 2015.

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

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

APPROVED AS TO FORM;  
Bowie, Arneson, Wiles & Giannone  
Legal Counsel - IRWD

By \_\_\_\_\_

**IRVINE RANCH WATER DISTRICT**  
**PERSONNEL POLICIES AND PROCEDURES**  
**POLICY NO. 18 - VACATION**

**1. General Policy**

The District believes it is important for employees to take vacation leave on an annual basis to enable them to take time off away from their job responsibilities in order to relax and refresh themselves physically and mentally.

**2. Eligibility**

All regular full-time employees are eligible for vacation leave. Regular part-time employees are eligible for pro-rated vacation leave based upon the number of hours worked. Only hours actually worked shall constitute service time in determining the regular part-time employee's vacation accrual rate.

Employees earn vacation leave hours from the first day of work, however, they are ineligible to take time off for vacation leave during the first six (6) months of employment.

**3. Amount of Benefits**

A. The following schedule of vacation leave accrual per month is applicable to **all** regular full-time employees of the District:

Less than 5 years service	6.67 hours - (80 hours per year)
More than 5 years service but less than 10 years (Beginning with the 5th year anniversary date)	10.00 hours - (120 hours per year)
More than 10 years service (Beginning with the 10th year anniversary date)	13.33 hours - (160 hours per year)

—The following schedule of vacation leave accrual per month is applicable to **Managers, Supervisors, and Confidential employees of the District at 15 and 20 years of service:**

More than 15 years service                      15.00 hours - (180 hours per year)  
But less than 20 years  
(Beginning with the 15th year  
anniversary date)

## POLICY NO. 18 – VACATION

More than 20 years service 16.67 hours - (200 hours per year)  
(Beginning with the 20th year anniversary date)

Exceptions to this schedule of vacation leave accrual may be made in the District's sole discretion. Exceptions to this policy will be recommended by staff to the General Manager for approval.

### 4. **Maximum Accrual**

The maximum number of vacation hours accrued may not exceed the greater of 240 hours or two times an employee's annual accrual. ~~Employees with more than the allowed maximum accrued vacation time at the time of the annual Vacation Transfer (see section 6 below) will be required to transfer all hours in excess of the allowed maximum accrual into their Deferred Compensation Plan account. This transfer will be conducted once a year and hours will be transferred at a rate of 100% of the employee's current wage rate at the time of transfer. Employees are responsible for ensuring that their vacation accrual balance falls below the allowed maximum accrual if they do not wish to have vacation hours automatically transferred to the Deferred Compensation Plan account.~~

Employees whose vacation accrual level exceeds their Maximum Accrual are required, in January of each year, to reduce their vacation bank balance by at least the number of hours in excess of their Maximum Accrual as per the reductions method described in Section 6. of this policy. Employees are responsible for ensuring their vacation balance falls below the Maximum Accrual level by the end of January of each year through the methods described in Section 6. Any hours in an employee's vacation bank that exceed the Maximum Accrual level after the reduction period has closed will be automatically transferred into the employee's Deferred Compensation Plan account. The transfer will be equal to 100% of the value of the hours transferred based on the employee's hourly wage rate at the time of the transfer.

If an employee's scheduled and approved vacation is canceled at the District's request, or if extenuating circumstances arise which require an employee to accrue vacation leave in excess of the allowed Mmaximum Aaccrual, written approval may be granted by the General Manager to carry over the excess hours, past January, for a specified period of time.

### 5. **Holidays Falling During Vacation Leave**

Established District holidays occurring during scheduled vacation leave are not counted as vacation days.

### 6. **Vacation Balance Reduction Methods**

#### A. Annual Transfer to Deferred Compensation Plan Account of Accumulated Vacation Hours

Employees may elect to transfer into their Deferred Compensation Account, in January of each year, at a minimum the vacation hours that exceed their Accrual Maximum as

**POLICY NO. 18 – VACATION**

described in Section 4. of this policy, and at a maximum, any hours in excess of 80 in their accrual bank.

In order to transfer more hours than the minimum, at least 40 hours of vacation must have been used during the immediately preceding completed calendar year. The transfer will be equal to 100% of the hours ~~will be transferred based on~~ at 100% at the employee's current pay hourly wage rate at the time of the transfer.

**B. Annual Buy-Back of Accumulated Vacation Hours**

In addition to the provisions of Section 6.A. of this policy, Managers, Supervisors and Confidential employees, may elect to sell back for a cash payment, in January of each year, at a minimum some or all of the vacation hours that exceed their Accrual Maximum, in combination with the provisions of Section 6.A. of this policy and at a maximum, any hours in excess of 80 hours in their accrual bank, in combination with Section 6.A. if desired.

In order to transfer and/or sell back for a cash payment more hours than the minimum, at least 40 hours of vacation must have been used during the immediately preceding completed calendar year. Hours requested for a cash payment will be paid equal to ~~at~~ 100% of the hours requested based on ~~at~~ the employee's hourly paywage rate at the time of the payment. All cash payments are subject to state and federal withholdings.

**Transfer of Vacation Hours**

~~An employee may elect to transfer any vacation hours accrued in excess of 80 hours into the employee's Deferred Compensation Plan account, provided the employee has used at least 40 vacation hours during the preceding completed calendar year. This option will be available to the employee once a year, generally in January, and hours will be transferred at a rate of 100% of the employee's current wage rate at the time of transfer.~~

**7. Procedure for Requesting Vacation Leave**

Requests for vacation leave shall be made in advance by the employee to his/her immediate supervisor for appropriate approvals.

**8. Termination**

Upon termination from the District, employees shall be paid for unused accrued vacation hours to the date of termination. These unused accrued vacation hours shall be paid at the employee's current hourly wage rate at the time of termination, regardless of the length of service with the District.

Adopted by IRWD Board of Directors on: ~~September 10, 2012~~ September 28, 2015

# IRVINE RANCH WATER DISTRICT

## PERSONNEL POLICIES AND PROCEDURES

### POLICY NO. 39 - DEFERRED COMPENSATION PLAN POLICY

#### 1. Purpose of Policy

The primary purpose of the District's deferred compensation program is to enable employees to defer portions of their compensation as a supplement to the PERS retirement plan. The District has established a deferred compensation program available through two plans:

- IRS Section 457 Deferred Compensation Plan (“457 Plan”)
- IRS Section 401(a) Money Purchase Pension Plan (“401(a) Plan”)

#### 2. Eligibility and Enrollment

Upon employment with the District, all regular, full-time employees of the District are eligible to defer compensation to the 457 Plan. Employees are responsible for initiating the dollar amount or percentage to be deferred, selecting investment allocation of amounts deferred, and designating primary and contingent beneficiaries. If an employee fails to allocate deferrals, the funds will be automatically deposited into the Conservative Profile fund.

Additionally, in accordance with Personnel Policy No. 7, pertaining to the OBRA Act of 1986, some temporary employees are required to contribute to the 457 Plan. Temporary employees are limited to the Conservative Profile fund or stable value investment option. (See “Policy No. 7 - Temporary Employees”).

Employees may defer compensation for any calendar month, providing the deferral election is made no later than the last business day of the month prior to the desired pay period in which the deferral election is to begin.

#### 3. Available Plans and Deferral Limitations

##### A. The 457 Deferred Compensation Plan – Employee Contributions

The 457 plan is available for employee contributions only.

The minimum amount of contributions is ten dollars (\$10.00) per pay period.

The maximum amount employees may contribute to the 457 Plan is the lesser of 100% of Includible Compensation or the maximum allowed by law. Includible Compensation is generally defined as base compensation, but may include overtime, stand-by, and paid vacation and/or sick hours during absences such as medical leave.

## POLICY NO. 39 - DEFERRED COMPENSATION PROGRAM POLICY

Once a year, the District will provide employees the option to transfer a specified amount of accrued vacation time into the 457 Plan (See “Policy No. 18 – Vacation”).

Once a year, the District will provide employees the option to transfer a specified amount of accrued sick time into the 457 Plan (See “Policy No. 16 – Sick Leave”).

### **B. The 401 (a) Money Purchase Pension Plan – District Contributions**

The 401 (a) Plan is for District contributions only.

#### **Matching Contributions**

An employee who has completed one year of regular full-time service with the District is eligible for a District matching contribution. Beginning with the first month following an employee’s one year anniversary date, the District will deposit to the employee’s 401(a) Plan account an amount equal to 100% of the amount deferred by the employee during each pay period up to a maximum of 3% of the employee’s base salary for each pay period. Once an employee has deferred an amount equal to 3% of his/her annual salary during the calendar year, the matching deposits to the employee’s Deferred Comp Plan account will continue each pay period in an amount equal to 3% of the employee’s base salary even if the employee is no longer making contributions. The District does not match deferrals in excess of 3% of the employee’s base salary.

#### **Direct Contributions**

Managers, Supervisors, and Confidential employees who have completed two years of regular, full-time service with the District, are eligible for an additional District contribution. Beginning with the first month following an employee’s second anniversary date, the District will deposit to the employee’s 401 (a) Plan account on a per-pay period basis an amount equal to 1% of the employee’s base salary. When an employee’s base salary changes, contributions made by the District will be adjusted accordingly.

## **4. Participant Options**

### **A. Changes to Deferral Amount**

Employees may change the amount of compensation to be deferred in future pay periods, including the option to change the deferral amount to zero (\$0). Deferral changes must be made no later than the last business day of the month prior to the desired pay period in which the deferral election change is to begin.

### **B. Catch-Up Contributions**

“Age 50 Catch-up” Contributions: At any time during the year in which an employee will attain age 50, they are eligible to make additional elective deferrals, up to the maximum amount set by law for that year. Employees may not

## **POLICY NO. 39 - DEFERRED COMPENSATION PROGRAM POLICY**

participant in the “Age 50 Catch-up” during the same time they are making additional contributions under the “Last-three-years” provision below.

“Last-Three-Years” Catch-up Contributions: Under this provision, an employee who underutilized the applicable deferral limitations after December 31, 1978, may make additional deferrals in an amount not to exceed the lesser of—

- (i) Twice the otherwise regular dollar limit. For example, if the regular annual deferred contribution limit is \$16,500, an eligible employee may be able to defer up to an additional \$16,500.
- (ii) The amount that was underutilized in previous years after December 31, 1978.

The catch-up provision applies to any one or more of an employee’s last three (3) calendar years ending before such employee attains normal retirement age. Normal retirement age shall be considered the range of ages beginning no earlier than age 50 and ending no later than age 70-1/2. The normal retirement age chosen upon election of this catch-up provision is irrevocable for determining the three year period.

### **5. Administration of the Program**

The District may contract with one or more investment providers to provide investments, education, and record-keeping services for the Plans. The District's Plan Administrator shall administer the Deferred Compensation Program and shall submit action or informational items to the District’s Finance and Personnel Committee and/or Board of Directors as necessary.

#### **A. Ownership of Funds**

All amounts deferred under the Plans are held in trust for the exclusive benefit of the participants and their beneficiaries.

#### **B. Claims or Liens Against Assets**

Neither the existence of the deferred compensation Program nor the individual deferred compensation accounts shall entitle any participant, beneficiary of any participant, or a creditor of any participant to a claim or lien against the assets of the individual deferred compensation accounts. The participants and their beneficiaries shall only have the right to receive benefits pursuant to the Plans.

#### **C. Statement of Accounts**

The deferred compensation investment provider will be responsible for providing account statements no less frequently than quarterly.

### **7. Distributions**

#### **A. Termination of Employment**

**POLICY NO. 39 - DEFERRED COMPENSATION PROGRAM POLICY**

Employees are eligible to take distributions from the Plans upon separation of service from the District. The individual plan documents will provide the specific plan requirements and modes of distribution.

**B. Emergency Distributions**

An employee may request an emergency distribution from his/her 457 Plan account due to extraordinary and unforeseeable circumstances arising as a result of events beyond his/her control. Emergency distributions are not available under the 401 (a) Plan. Circumstances that will constitute an unforeseeable emergency will depend upon the facts of each case, but distributions will only be made in accordance with IRS regulations and the 457 Plan document.

The District may use an investment provider or other third party to make a determination for an emergency distribution request.

**8. Plan to Plan Transfers, Purchase of Service Credits and Rollovers**

The District's deferred compensation program allows plan to plan transfers, purchase of service credits, and rollovers in and out of the Plans. The individual plan documents will provide the specific plan requirements related to transfers of assets in or out of the Plans.

**9. Amendment or Termination of Plan**

The District, at its sole discretion, may terminate one or both of the Plans at any time. Upon such termination, each participant in the affected plan will be deemed to have revoked his/her participation as of the date of such termination.

The District may also amend the provisions of its Plans at any time, provided that no amendment or termination shall affect the rights of the participants or their beneficiaries to payment of benefits.

**Adopted by IRWD Board of Directors on: September 12, 2011**

September 28, 2015  
Prepared by: R. Bennett/ K. Welch  
Submitted by: F. Sanchez/P. Weghorst  
Approved by: Paul Cook 

## ACTION CALENDAR

### ROSEDALE DROUGHT RELIEF PROJECT PIPELINE LETTER AGREEMENT AND BUDGET INCREASE

#### SUMMARY:

The Drought Relief Project (DRP) will allow IRWD, Rosedale Rio-Bravo Water Storage District, and Castaic Lake Water Agency (CLWA) to benefit from additional groundwater recovery and conveyance capacities that will supplement existing banking and exchange programs. The Board approved the Cost Sharing Agreement for the project in February 2015, which covers the design and construction of the DRP facilities. In order to expedite the project and reduce costs, Rosedale has prepared a letter agreement that will allow Rosedale to directly contract for the construction of the Superior East and West Pipelines and that will indicate concurrence with the selected contractor's pipeline construction bid proposal. Staff recommends that the Board:

- Authorize the General Manager to execute the letter agreement, subject to non-substantive changes, allowing Rosedale to directly contract for the construction of the Superior East and West Pipelines and indicating concurrence with the pipeline construction bid proposal, and
- Approve an increase to the FY 2015-16 Capital Budget for Project 11812 (6023) in the amount of \$507,600 to fund IRWD's share of the construction of Superior East and West Pipelines and for design review and construction oversight services to be provided by Dee Jaspar and Associates (DJA).

#### BACKGROUND:

The DRP includes the design and construction of 11 wells and associated conveyance facilities within the Rosedale service area that will provide additional groundwater recovery and conveyance capacities to IRWD, CLWA and Rosedale. The DRP facilities are shown on the location map provided as Exhibit "A". The six wells at the Superior East and Superior West Well Fields will be shared equally by IRWD and CLWA. IRWD's capacity will be used in conjunction with the Strand Ranch Integrated Banking Project.

On February 9, 2015, the Board approved the Agreement with Rosedale and CLWA to share in the cost of the design and construction of DRP facilities including project administration and securing rights of ways and easements. On May 21, 2015, the Board approved Amendment 1 to the Agreement which provided for the cost-sharing of the equipping the six Superior wells. On July 27, 2015, the Board approved IRWD's share of change order work related to drilling deeper pilot holes and performing additional water quality zone testing.

To facilitate the construction of the Superior East and West Pipelines, Rosedale has requested approval of a letter agreement and costs as described below.

Letter Agreement for Pipeline Construction:

On August 20, 2015, Rosedale provided staff a bid proposal to construct the Superior East and West Pipelines from Nicholas Construction Inc. (NCI) for \$822,808. IRWD's share of these costs would be \$411,404. The bid provides for the installation of approximately 12,000 feet of PVC pipe and all associated pipe fittings, air vacuums, turnouts, valves, cutoff walls, thrust blocks, traffic control and asphalt work.

Rosedale previously contracted directly with NCI for the construction of its West Basin Pipelines which resulted in quality work and substantially reduced costs. In the interest of expediting completion of the DRP and reducing costs, Rosedale proposes to initiate a direct contract with NCI to construct the Superior East and West Pipelines. NCI's proposal for this work is 10% less than the engineers' estimate. Directly contracting with NCI is a deviation from the bidding process required under the Agreement. To facilitate approvals, Rosedale has prepared a letter agreement through which IRWD and CLWA can concur with Rosedale contracting directly with NCI for the pipeline work and concurring with NCI's cost proposal for the work. This letter agreement is provided as Exhibit "B". Staff recommends that the Board authorize the General Manager to execute the letter agreement and approve a budget increase for IRWD's \$411,404 share in the cost of constructing the pipelines.

Design Review and Construction Oversight Assistance:

At staff's request, DJA provided a Scope of Work, budget and schedule to assist in the project management, design review and construction oversight for IRWD's participation in the DRP. The requested services include:

1. Attendance at bi-weekly progress meetings and well construction review meetings expected to occur for approximately 23 months;
2. Participation in well design conference calls for six wells;
3. Review of project plans and specifications for the well equipping contract prepared by Rosedale; and
4. Construction oversight, monitoring and reporting of the well drilling and construction phase which is expected to last approximately five months.

Staff recommends that the Board approve a budget increase to cover the cost of the services to be provided by DJA. A Professional Services Agreement for the work by DJA was executed under the authority of staff in the amount of \$49,882.

FISCAL IMPACTS:

An increase to the FY 2015-16 Capital Budget for Project 11812 (6023) in the amount of \$507,600 is requested as shown below. These funds will cover IRWD's share of the estimated cost to construct the Superior East and West Pipelines in the amount of \$411,404 and the outside design review and construction oversight services to be provided by DJA in the amount of

\$49,882. As reported to the Board on February 9, 2015, IRWD's share in the estimated cost of the DRP is expected to be \$7.8 million.

Project No.	Current Budget	Addition <Reduction>	Total Budget
11812(6023)	\$6,133,600	\$507,600	\$6,641,200

ENVIRONMENTAL COMPLIANCE:

The construction and operation of the six Superior wells was included in the previously-adopted Rosedale Master Environmental Impact Report (EIR) and the Strand Ranch Integrated Banking Project EIR. Staff anticipates filing an Addendum to the Strand Ranch Integrated Banking Project EIR to clarify the use of the Drought Relief Project recovery facilities by IRWD and to increase the instantaneous recovery capacity to fulfill the 17,500 acre-feet annual recovery limit on Strand Ranch. The construction and operation of the remaining DRP facilities including the Central Intake Pipeline and CVC Tie-in facilities have been analyzed in the Stockdale Integrated Banking Project Draft EIR by Rosedale as the Lead Agency and IRWD as a Responsible Agency. A contract for the construction of these facilities will not be awarded until after the Stockdale EIR is certified which is expected in November 2015. These environmental documents have 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 September 17, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE THE LETTER AGREEMENT FOR CONSTRUCTING THE SUPERIOR EAST AND WEST PIPELINES SUBJECT TO NON-SUBSTANTIVE CHANGES; AND APPROVE AN INCREASE TO THE FY 2015-16 CAPITAL BUDGET FOR PROJECT 11812 (6023) IN THE AMOUNT OF \$507,600 TO FUND IRWD'S SHARE OF THE CONSTRUCTION OF THE SUPERIOR EAST AND WEST PIPELINES AS WELL AS CONSULTING SERVICES TO BE PROVIDED BY DEE JASPAR AND ASSOCIATES FOR DESIGN REVIEW AND CONSTRUCTION OVERSIGHT ASSISTANCE.

LIST OF EXHIBITS:

- Exhibit "A" – Location Map: Drought Relief Project
- Exhibit "B" – Letter Agreement: 2014 Drought Relief Project - Constructing the Superior East and West Pipelines

Exhibit "A"

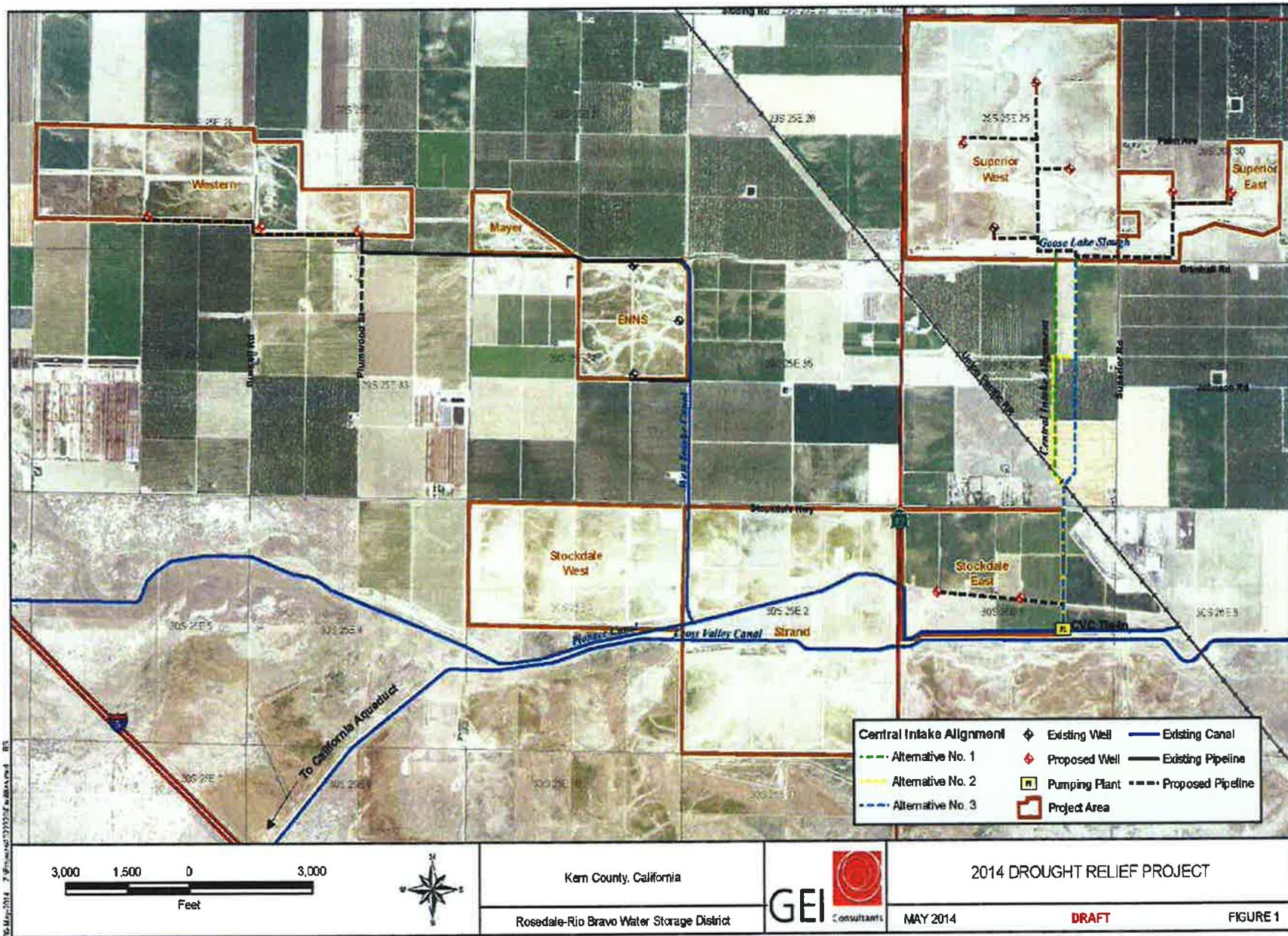


EXHIBIT "B"

TO: Dan Masnada, Castaic Lake Water Agency (CLWA)  
Paul Cook, Irvine Ranch Water District (IRWD)



FROM: Dan Bartel, Rosedale-Rio Bravo Water Storage  
District (RRBWSD)

DATE: August 17, 2015

RE: 2014 Drought Relief Project – Constructing of Superior East and West Pipelines

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RRBWSD has directly contracted for construction of the West Basin Pipelines, which expedited projection completion and resulted in a savings on engineering and administrative costs. RRBWSD is proposing the same method of contracting and completing the Superior Pipelines. This would represent a deviation from the project bidding and construction process described in section 2.d.i. of the Cost Sharing Agreement. This memo documents the Contractor provided pricing of \$822,808, which is 10% less than the engineer's estimate. If you concur with the proposal and approve of the deviation from section 2.d.i. for this portion of the project, please sign below and return a signed copy of this memo. Plans, draft contract documents, and the Contractor's bid proposal are attached hereto.

CLWA

\_\_\_\_\_  
(Signature)

Date:

\_\_\_\_\_

IRWD

\_\_\_\_\_  
(Signature)

Date:

\_\_\_\_\_



NICHOLAS CONSTRUCTION, INC.  
 251 GARSEN WAY  
 SHAFTER, CA 93263  
 CA#843461  
 DIR#1000020047

BID#150720

SUPERIOR WELLFIELD- EAST AND WEST

**PIP100 PIPE AND PIP125 FITTINGS**

	UNIT	QUAN.	MAT. U. PRICE	TOTAL	INST. U. PRICE	TOTAL	GRAND TOTAL
MOB/DEMOB	LS				\$7,500.00	\$7,500	\$7,500.00
DEVELOP WATER SUPPLY	LS				\$12,000.00	\$12,000.00	\$12,000.00

**PIPE AND FITTINGS**

30 PVC PIPE 100# PIP GASKET	FT	1540	\$51.74	\$79,679.60	\$16.00	\$24,640.00	\$104,319.60
27 PVC PIPE 100# PIP GASKET	FT	4740	\$39.21	\$185,855.40	\$16.00	\$75,840.00	\$261,695.40
21 PVC PIPE 100# PIP GASKET	FT	2260	\$24.77	\$55,980.20	\$16.00	\$36,160.00	\$92,140.20
15 PVC PIPE 100# PIP GASKET	FT	3240	\$11.46	\$37,130.40	\$16.00	\$51,840.00	\$88,970.40
14 PVC PIPE 100# PIP GASKET	FT	60	\$18.42	\$1,105.20	\$16.00	\$960.00	\$2,065.20
METALLIC LOCATER TAPE	FT	12000					
21 PVC 90 ELBOW 125# PIP	EA	1	\$557.49	\$557.49	\$725.00	\$725.00	\$1,282.49
21 PVC 45 ELBOW 125# PIP (GAS)	EA	4	\$296.39	\$1,185.56	\$725.00	\$2,900.00	\$4,085.56
30 PVC 90 ELBOW 125# PIP	EA	2	\$3,986.36	\$7,972.72	\$725.00	\$1,450.00	\$9,422.72
30 PVC 45 ELBOW 125# PIP (GAS)	EA	8	\$2,557.87	\$20,462.96	\$725.00	\$5,800.00	\$26,262.96
27 PVC 90 ELBOW 125# PIP	EA	1	\$1,169.64	\$1,169.64	\$725.00	\$725.00	\$1,894.64
15 PVC 45 ELBOW 125# PIP (GAS)	EA	4	\$108.87	\$435.48	\$225.00	\$900.00	\$1,335.48
15 11.25 PVC ELBOW 125# PIP	EA	1	\$93.29	\$93.29	\$225.00	\$225.00	\$318.29
30x27 PVC TEE 125# PIP	EA	1	\$1,748.19	\$1,748.19	\$725.00	\$725.00	\$2,473.19
27x21 PVC TEE	EA	1	\$950.83	\$950.83	\$725.00	\$725.00	\$1,675.83
27x15 PVC TEE 125# PIP	EA	2	\$788.70	\$1,577.40	\$725.00	\$1,450.00	\$3,027.40
21x15 PVC TEE 125# PIP	EA	2	\$514.72	\$1,029.44	\$725.00	\$1,450.00	\$2,479.44
15x15 PVC TEE 125# PIP	EA	1	\$277.05	\$277.05	\$725.00	\$725.00	\$1,002.05
30x15 PVC REDUCER 125# PIP	EA	1	\$1,517.00	\$1,517.00	\$225.00	\$225.00	\$1,742.00
27x21 PVC REDUCER 125# PIP	EA	1	\$632.60	\$632.60	\$225.00	\$225.00	\$857.60
27x15 PVC REDUCER 125# PIP	EA	1	\$884.31	\$884.31	\$225.00	\$225.00	\$1,109.31
15x12 PVC REDUCER 125# PIP	EA	5	\$73.53	\$367.65	\$125.00	\$625.00	\$992.65
15x14 GHEEN FLGXWEDGE ADP	EA	3	\$234.57	\$703.71	\$125.00	\$375.00	\$1,078.71
21 PVC CAP 125# PIP	EA	2	\$213.41	\$426.82	\$525.00	\$1,050.00	\$1,476.82

**AIR VACS**

AIR VACS	EA	8			\$3,200.00	\$25,600.00	\$25,600.00
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**ALL AIR VACS HAVE 12" STEEL TEES**

30X12 WEDGE X FLG TEE W/SST N&B EPOXY	EA	2	\$3,895.89	\$7,791.78			\$7,791.78
27X12 WEDGE X FLG TEE W/SST N&B EPOXY	EA	2	\$2,896.34	\$5,792.68			\$5,792.68
21X12 WEDGE X FLG TEE W/SST N&B EPOXY	EA	2	\$1,756.81	\$3,513.62			\$3,513.62
15X12 WEDGE X FLG TEE W/SST N&B EPOXY	EA	2	\$686.73	\$1,373.46			\$1,373.46
4" CR-101 AIR/VAC RELIEF VALVE	EA	8	\$260.79	\$2,086.32			\$2,086.32
12 BLD FLG W/4" TAP 150#	EA	8	\$210.15	\$1,681.20			\$1,681.20
12 NBG SET W/SST	EA	8	\$146.37	\$1,170.96			\$1,170.96
4 GALV CLOSE NPL	EA	8	\$9.08	\$72.64			\$72.64
4 PVC SCH80 90 THREAD X SOCKET	EA	16	\$76.00	\$1,216.00			\$1,216.00
4 PVC SCH80 90 ELBOW	EA	8	\$27.00	\$216.00			\$216.00
4 PVC SCH80 PIPE	LF	160	\$4.19	\$670.40			\$670.40
4 GALV NIPPLE 72" LONG THREADED	EA	8	\$86.35	\$690.80			\$690.80
4" X 100' 10MIL PIPE WRAP TAPE	EA	40	\$5.65	\$226.00			\$226.00

**TURNOUTS**

TURNOUTS	EA	3			\$4,200.00	\$12,600.00	\$12,600.00
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14 EBAA 2100 FLG X COUPLER	EA	3	\$1,156.88	\$3,470.64			\$3,470.64
14 ELBOW W/60" RISER FLGXPE CL150 EPOXY	EA	3	\$983.59	\$2,950.77			\$2,950.77
14X12 LONG SPOOL FLG CL150 EPOXY	EA	3	\$267.54	\$802.62			\$802.62
14X6 LONG SPOOL FLGXVIC CL150 EPOXY	EA	3	\$2,351.23	\$7,053.69			\$7,053.69
14" VF-30 W/S METER CFS X AF	EA	3	\$4,410.94	\$13,232.82			\$13,232.82
14" 8500 GRAYLINE VALVE W/SST N&B'S	EA	3	\$781.21	\$2,343.63			\$2,343.63
48" X 24" CONCRETE RISER	EA	3	\$163.18	\$489.54			\$489.54

**VALVES**

VALVES	EA	6			\$725.00		\$4,350.00
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**NO 27" VALVE AVAILABLE, WENT 30"**

30 GRAYLINE VALVE W/SST N&B'S	EA	2	\$9,393.02	\$18,786.04			\$18,786.04
30x27 GRAYLINE VALVE W/SST N&B'S	EA	0					
27 FLGXWEDGE ADP W/SST N&B'S	EA	0					
30 FLGXWEDGE ADP w/SST N&B's	EA	3	\$3,467.68	\$10,403.04			\$10,403.04
15 GRAYLINE VALVE W/SST N&B'S	EA	4	\$1,167.04	\$4,668.16			\$4,668.16
14 FLGXWEDGE ADP w/SST N&B's	EA	8	\$487.08	\$3,896.64			\$3,896.64
4X72 LONG SCH40 STEEL PIPE	EA	12	\$56.29	\$675.48			\$675.48

**ALL VALVES TO HAVE 72" RISERS**

**MISCELLANEOUS**

CONCRETE CUTOFF WALLS	EA	13			\$2,500.00	\$32,500.00	\$32,500.00
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READYMIX	CY	103	\$125.00	\$12,875.00		\$12,875.00
THRUST BLOCKS	EA	17				
READYMIX	CY	34	\$125.00	\$4,250.00		
SUPERIOR ROAD CROSSING						
TRAFFIC CONTROL	LS	1		\$2,500.00	\$2,500.00	\$2,500.00
ASPHALT PATCH BACK	SF	240	25.00		\$6,000.00	\$6,000.00
TOTAL BID				\$514,142.87	\$308,665.00	<b>\$822,807.87</b>

September 28, 2015

Prepared by: S. Toland/R. Mori

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

Approved by: Paul Cook *P. Cook*

## ACTION CALENDAR

### BAKER WATER TREATMENT PLANT VARIANCE, CONTRACT CHANGE ORDERS, AND RETENTION REDUCTION

#### SUMMARY:

PCL Construction (PCL) is constructing the Baker Water Treatment Plant (WTP), and Pacific Hydrotech Corporation (PHC) is constructing the Baker Raw Water Conveyance Facilities (RWCF). The Baker WTP construction is about 60 % complete, and the Baker RWCF construction is about 97% complete. Carollo Engineers is providing construction phase engineering services for both construction projects with RBF as the primary subconsultant. Staff recommends that the Board:

- Authorize the General Manager to execute Variance No. 1 in the amount of \$355,900 with Carollo Engineers for additional construction support services;
- Approve Contract Change Order No. 8 in the credit amount of <\$134,327> with PCL Construction for the Baker Water Treatment Plant;
- Approve Contract Change Order No. 3 in the amount of \$127,236.10 with Pacific Hydrotech Corporation for the Baker Raw Water Conveyance Facilities; and
- Authorize reduction of retention from 5% to 1% for the Baker Raw Water Conveyance Facilities construction contract.

#### BACKGROUND:

The Baker WTP is a regional project that will produce up to 28 million gallons per day, or 43.5 cubic feet per second, of drinking water. The source water for this facility will be untreated imported water from Metropolitan Water District of Southern California (MWD) and local water from Irvine Lake. Project participants include El Toro Water District, Moulton Niguel Water District, Santa Margarita Water District, Trabuco Canyon Water District, and IRWD. The Baker WTP will utilize microfiltration and ultraviolet disinfection as the primary treatment processes. The project also includes the construction of the Baker RWCF that will pump water from Irvine Lake to the Baker WTP. These facilities will provide an operational source of supply and, in the event of short-term water shortage emergencies, will enhance water reliability for the project participants. Construction of both projects began in January 2014.

#### Carollo Engineers Variance No. 1

Carollo and its subconsultants have been providing construction phase support services for both the Baker WTP and the Baker RWCF construction contracts since the start of construction. Carollo submitted Variance No. 1, attached as Exhibit "A", for additional work activities outside the scope of the initial contract. The variance request includes additional work activities associated with membrane filtration system modifications and reviews, UV disinfection system modifications and reviews, equipment substitution requests, proposed equipment deviations by the listed manufacturers, submittal review, and permitting assistance support.

With the exception of submittal reviews and permitting support, Carollo's original scope of services does not include the other work activities described above. To date, Carollo has been efficient with the submittal review efforts as the average cost per submittal has tracked below the budgeted cost per submittal. Due to the substantially higher than anticipated number of submittals and resubmittals, additional submittal review budget is now required. Carollo has also expended more effort than originally anticipated supporting staff to secure the remaining project permits. The additional budget requested herein will address the significant amount of unanticipated inter-agency coordination and multiple resubmittals that have been encountered during the permitting process.

Staff reviewed the variance request and recommends approval of Variance No. 1, in the amount of \$355,900. In accordance with the Amended and Restated Agreement for Construction, Operation, and Maintenance of Baker Water Treatment Plant (Baker WTP Agreement), the Baker Project Committee also approved Variance No. 1.

Baker WTP Contract Change Order No. 8:

Staff and PCL completed negotiations for a PCL-proposed value engineering (VE) concept that would allow for a portion of the 36-inch product water pipeline to be constructed via an open-cut trench method in lieu of the jack and bore method included in the original design. During the development of the VE proposal, PCL conducted extensive potholing to identify and confirm a viable open-cut alignment through the heavily congested pipe crossing area at the southern portion of the site. In addition to providing cost savings to the project, the open-cut approach will minimize the duration of construction along the Serrano Creek Trail and will reduce the bury depth of the product water pipeline. The total savings associated with this VE option is \$268,654. Since VE cost savings are shared equally between the contractor and IRWD, IRWD's portion of the savings is \$134,327 as summarized in Contract Change Order No. 8, attached as Exhibit "B". A summary of project change orders to date is provided as Exhibit "C".

Staff reviewed the change order and recommends approval of Contract Change Order No. 8 in the credit amount of <\$134,327>. Although this change order does not require approval of the Baker Project Committee, the Baker Project Committee concurs with its approval.

Baker RWCF Contract Change Order No. 3:

Staff and PHC completed negotiations for Contract Change Order No. 3, attached as Exhibit "D", which includes the following three change requests.

*Change Request No. 10:* During the final stages of coordination for the flow meter replacement at OC-33, MWD indicated that upon installation of the new 100 cfs flow meter, that a 10% minimum flow requirement would be in effect in accordance with its policy. This policy basically states that a user will be charged for actual water metered unless the water metered is less than 10% of the rated capacity of the flow meter at which time the user will be charged for an amount of water equivalent to the 10% value. For OC-33, the 10% minimum flow requirement translates to a flow rate of 10 cfs. Currently, the average usage at OC-33 ranges between 4 and 6 cfs. Based on preliminary calculations, the project would have incurred an

additional cost in excess of \$3,000,000 in “low flow” charges between the originally planned meter installation date of October 2014 and the summer of 2016 when the Baker WTP is anticipated to be online. To avoid those costs, staff directed PHC to postpone the meter installation until the March/April 2016 period to more closely coincide with the startup of the Baker WTP when the flow rate through the meter will be higher.

This change request will compensate the contractor for costs associated with re-sequencing the OC-33 meter replacement work to the March/April 2016 period. The request includes costs associated with re-mobilization, re-work of some previously completed items (primarily excavation, excavation shoring, and backfill activities), and completion of remaining contract work. The contractor agreed to maintain the original contract values for this work even though the work is being delayed by more than a year. This change request will also provide sufficient additional contract time to extend the duration of the contract as needed to complete this work. The cost associated with re-sequencing the OC-33 meter replacement work is \$120,274.96 and PHC requested an additional 414 calendar days to complete the work at the requested time.

*Change Request No. 12:* Modifications to the roof foam insulation system for the pump station building are required. The Contract Documents require a uniform 3-inch thick layer of polyurethane foam roofing to be applied over the metal roof decking. However, to obtain a minimum slope of 1/4-inch per foot across the width of the roof (to ensure proper drainage), the thickness of the roof system needs to be increased. The cost to increase the thickness of the foam insulation is \$5,488.09 and PHC requested an additional seven calendar days to complete the work.

*Change Request No. 13:* Modifications to the window in the door between the electrical room and the pump room are required. The contract documents require that the window be provided with wire reinforced glass. The door supplier indicated that the specified wire reinforcement no longer meets code requirements for use in this application. Upon consultation with the design engineer and the door supplier, the decision was made to provide a window with a protective safety film on the glass, which meets code requirements. This change request also includes other minor changes including provisions for an additional drain spout for the pump station building, additional stucco finish on the masonry block door returns, and a credit for three returned 8-inch valves. The cost for these changes is \$1,473.05, and PHC agreed to complete the work within the contract time.

Staff reviewed the change order and recommends approval of Contract Change Order No. 3, in the amount of \$127,236.10. In accordance with the Baker WTP Agreement, the Baker Project Committee also approved this change order.

Baker RWCF Construction Contract Retention Reduction:

Pacific Hydrotech has completed construction of the work with the exception of the OC-33 meter replacement, pump station startup and testing activities, and punchlist completion. These items have been delayed due to circumstances beyond PHC’s control and are scheduled to be completed in the March/April 2016 period. Staff and PHC have agreed to a time extension for the remaining elements as described above, and PHC has agreed to maintain their bid day pricing

for the work that was postponed by more than a year. With about 97 percent of the work complete, PHC requested that the retention be reduced from 5% of the contract amount to 1% of the contract amount. Staff recommends approval of the retention reduction as the 1% retention provides adequate funding to cover the remaining work elements.

FISCAL IMPACTS:

Project 11747 (5027) is included in the FY 2015-16 Capital Budget. The existing budget is sufficient to fund Variance No. 1 and the contract change orders.

ENVIRONMENTAL COMPLIANCE:

This project is subject to the California Environmental Quality Act (CEQA) and an Environmental Impact Report (EIR) was prepared in conformance with California Code of Regulations Title 14, Chapter 3, Article 7. The Final EIR was certified and adopted by the Board in April 2011. Addenda No. 1 and No. 2 to the EIR were prepared in accordance with Section 15164 of the CEQA Guidelines and were approved by the Board in February 2012, and March 2013, respectively.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on September 15, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 1 IN THE AMOUNT OF \$355,900 WITH CAROLLO ENGINEERS FOR ADDITIONAL CONSTRUCTION SUPPORT SERVICES; APPROVE CONTRACT CHANGE ORDER NO. 8 IN THE CREDIT AMOUNT OF <\$134,327>, WITH PCL CONSTRUCTION FOR THE BAKER WATER TREATMENT PLANT PROJECT, PROJECT 11747 (5027); APPROVE CONTRACT CHANGE ORDER NO. 3 IN THE AMOUNT OF \$127,236.10 WITH PACIFIC HYDROTECH CORPORATION FOR THE BAKER RAW WATER CONVEYANCE FACILITIES, PROJECT 11747 (5027); AND AUTHORIZE REDUCTION OF RETENTION FROM 5% TO 1% FOR THE BAKER RAW WATER CONVEYANCE FACILITIES CONSTRUCTION CONTRACT, PROJECT 11747 (5027).

LIST OF EXHIBITS:

- Exhibit "A" – Carollo Variance No. 1
- Exhibit "B" – Baker WTP Change Order No. 8
- Exhibit "C" – Baker WTP Change Order Summary Log
- Exhibit "D" – Baker RWCF Change Order No. 3
- Exhibit "E" – Baker RWCF Change Order Summary Log

**IRVINI EXHIBIT "A" DISTRICT  
PROFES VARIANCE**

Project Title: Baker Water Treatment Plant and Raw Water Conveyance Facilities - Construction Phase - Professional Services – Submittal and Shop Drawing Review

Project No.: 11747 (5027) Date: August 31, 2015

Purchase Order No.: 517591 Variance No.: 1

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

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

Review of additional submittals, equipment modifications, equipment deviations, equipment substitutions, & permitting not contemplated in original agreement (see attached proposal)

Engineering & Management Cost Impact:

Classification	Labor hours	Billing Rate \$	Labor \$	Direct Costs \$	Sub-con. \$	Total \$
Permitting	68	189.70	0	0	12,900	12,900
Submittal Reviews	296	194.59	50,400	7,200	0	57,600
Deviation evaluations	544	192.28	91,525	13,705	0	104,600
Substitution Reviews	580	198.62	100,800	14,400	0	115,200
Equipment Modification Reviews	340	192.94	57,400	8,200	0	65,600
<b>Total \$ =</b>						<b>355,900</b>

Schedule Impact:

Task No.	Task Description	Original Schedule	Schedule Variance	New Schedule
	N/A			

Required Approval Determination:

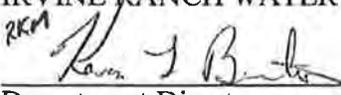
Total Original Contract	\$ <u>3,418,900</u>	<input type="checkbox"/> Director: Cumulative total of Variances less than or equal to \$50,000. <input type="checkbox"/> Executive Director: Cumulative total of Variances less than or equal to \$75,000. <input type="checkbox"/> General Manager: Cumulative total of Variances less than or equal to \$100,000. <input checked="" type="checkbox"/> Board: Cumulative total of Variances greater than \$100,000.
Previous Variances \$	<u>0</u>	
This Variance	\$ <u>355,900</u>	
Total Sum of Variances	\$ <u>355,900</u>	
New Contract Amount	\$ <u>3,774,800</u>	
Percentage of Total Variances to Original Contract	<u>10.4 %</u>	

ENGINEER/CONSULTANT: Carollo Engineers

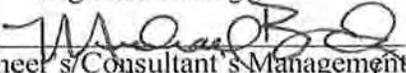
IRVINE RANCH WATER DISTRICT

  
Project Engineer/Manager

8/31/15  
Date

  
Department Director

9/4/15  
Date

  
Engineer's/Consultant's Management

A-1

al Manager/Board

Date

# IRVINE RANCH WATER DISTRICT

## PROFESSIONAL SERVICES VARIANCE REGISTER

Project Title: Baker Water Treatment Plant and Raw Water Conveyance Facilities - Construction Phase Professional Services – Submittal and Shop Drawing Review

Project No.: 11747 (5027) Project Manager: Scott Toland

Variance No.	Description	Dates		Variance Amount
		Initiated	Approved	
1	Review of additional submittals, equipment modifications, equipment deviations, equipment substitutions, & permitting not contemplated in original agreement (see attached proposal)			\$355,900



August 28, 2015

Scott Toland, P.E.  
Irvine Ranch Water District  
15600 Sand Canyon Ave.  
Irvine, CA 92618

Subject: Baker WTP - Budget Variance No. 1

Dear Mr. Toland:

Carollo Engineers and our subconsultants have been supporting the District for the past 16 months for the Baker WTP construction project. Each quarter we assess our budget with respect to remaining work activities. Our goal is to manage our budget to make it last the duration of both projects. Due to an unanticipated increased level of effort for certain activities that arose following the award of the construction contracts, assumptions made during the proposal phase need to be adjusted. These activities include: membrane filtration modifications and reviews; UV disinfection modifications and reviews, equipment substitution requests; proposed equipment deviations by the listed manufacturers, and increased number of equipment submittals.

With the exception of equipment submittals, our original budget did not include individual line items for the above listed activities. As such, we have charged our hours to perform these activities against our "submittal" budget line item.

Each of these activities is discussed below with a requested budget amendment to cover these additional activities. An overall summary of our budget request is attached as Exhibit A.

### **MEMBRANE FILTRATION AND UV DISINFECTION MODIFICATIONS AND REVIEWS**

The membrane filtration and UV disinfection equipment were preselected as part of the design effort. Although this equipment was meticulously evaluated and reviewed during procurement in the design phase, additional reviews were required during construction. These additional reviews were largely driven by modifications proposed by the membrane and UV equipment suppliers including updates and enhancements to the equipment between the procurement phase and the construction phase, modifications to process controls and process control strategies, equipment changes, and improvements for maximizing regulatory compliance. For both the membrane filtration and UV disinfection equipment, these tasks required multiple coordination meetings with the manufacturers, design team, contractor, and construction management team; additional submittal review and coordination; and additional redesign of various portions of the treatment processes. The items below highlight some of the more significant unanticipated work activities that have been completed to date.

#### *Membrane Filtration Equipment*

- Previously approved blowers were de-rated by the membrane supplier, so they no longer met the design requirements. New blowers had to be selected, reviewed, and approved. Several review iterations were required.

- Previously approved flow meter models are now obsolete and unavailable. New flow meters had to be selected, reviewed, and approved.
- Process control improvements were made by the membrane supplier for the CIP system to minimize residual flows and to optimize chemical usage. This effort required significant coordination and design changes.
- Extensive modifications to the softened water system for the CIP process were required by the membrane supplier.
- Previously approved pressure transmitter models are now obsolete unavailable. New pressure transmitters had to be selected, reviewed, and approved.

#### *UV Disinfection Equipment*

- Numerous deviations and substitutions were proposed by the UV supplier and reviewed. Several review iterations were required.
- The layout of power and controls was significantly changed by the UV supplier. Results of this coordination resulted in the need for additional control panels and for additional design associated with the configuration of the revised control panel line up, which required extensive design coordination and effort.
- Incorporation of recent updates to the UV control system based on more current validation studies. This effort required review of the new validation studies, additional coordination with the UV supplier, and additional coordination with the California Division of Drinking Water. DDW has since approved the use of the updated validation studies, which will maximize the regulatory credit achieved by the UV system at lower operating costs.

Our effort to address these activities is summarized in the attached Exhibit A and totals \$115,200.

#### **EQUIPMENT SUBSTITUTION REQUESTS**

The construction project documents allow for equipment substitution requests by the Contractor. This allows for competition during bidding resulting in lower project costs. However, equipment substitution requests increase the level of review effort by the construction management team. On this project, there have been a larger number of both equipment and product substitution requests than typically expected on similar sized projects. Some selected examples are listed below.

- **Membrane Strainers:** The contractor presented two alternate strainer manufacturer's equipment before submitting one of the specified manufacturers. Each of the substitutions was reviewed in detail to determine if they were an acceptable substitute for one of the specified manufacturer's.

- **Centrifuges:** The layout of the centrifuge building was based upon one of the named centrifuge suppliers. The contractor selected one of the other named suppliers, which resulted in the need for changes to the centrifuge layout, electrical design, and control systems. This unanticipated work resulted in additional design coordination, submittal review, and coordination with both the centrifuge supplier and the contractor.
- **Stormwater Treatment System:** Several alternative suppliers were discussed and reviewed in detail with the contractor. Additional research was required to confirm that the submitted product met the design requirements and the project intent.
- **Concrete:** Due to the NSF 61 concrete requirements, the contractor submitted multiple mix designs for review and acceptance. The contractor submitted primary and back-up mix designs for each concrete mix, so that in the event that one of the concrete mixes failed NSF testing, one of the alternative concrete mixes could be immediately tested thereby saving schedule time. This approach resulted in the need to review twice as many concrete mix designs as originally anticipated.
- **Bridge Cranes:** Multiple alternative suppliers were presented, which required additional design review and coordination to confirm they would fit into the required travel envelope.

We do not anticipate any more equipment substitution requests. Our effort to address these requests has totaled \$65,600.

#### **PROPOSED EQUIPMENT DEVIATIONS BY LISTED MANUFACTURERS**

Several listed equipment manufacturers requested deviations from the specifications. Reasons for the requested deviations generally were updates to equipment and design improvements. These deviations required review time and meetings with the manufacturers. Some examples of equipment that included significant deviations are listed below.

- Chlorine dioxide equipment
- Sludge collectors
- Polymer blenders
- Metering pumps
- Membrane strainers
- Electrical requirements for the centrifuges
- Thickeners
- Instrumentation equipment

We do not anticipate any more equipment deviations. Our effort to address these deviations has totaled \$57,600.

### **INCREASED NUMBER OF SUBMITTALS**

When we prepared our budget for both projects, we utilized our experience from recent projects of similar size and scope, which led us to budget for a total of 1,050 submittal reviews. To date, we have completed 1,259 submittal reviews (including resubmittals), and we anticipate that an additional 250 submittals will still need to be reviewed. We have been efficient with our submittal reviews to date as our "cost per submittal" has tracked below our initially budgeted rate, but due to the substantially higher than anticipated number of submittals and resubmittals, we require additional submittal review budget to complete this effort. The anticipated effort to review the remaining submittals totals \$104,600, which represents 8% of the original submittal budget of \$1,250,000.

### **PERMITTING ASSISTANCE**

The duration and level of effort to receive a few of the permits for the project has been long and arduous. A significant amount of inter-agency coordination has been needed and several permit applications have required multiple resubmissions. We do not anticipate any more permit coordination. Our effort to address the additional coordination and resubmissions has totaled \$12,900.

### **REQUESTED BUDGET AMENDMENT**

Exhibit A presents a summary of our budget amendment request. As described herein, much of the request is associated with an unanticipated increased level of effort for review, coordination, and meetings for activities that did not have individual budget line items. With the exception of the submittal review activities, the other unbudgeted activities listed in this letter are complete. The total amount of this budget request is \$355,900.

We appreciate the opportunity to work with the District on these very important projects. Should you have any questions, feel free to contact me.

Sincerely,

CAROLLO ENGINEERS, INC.

  
Jim Meyerhofer, P.E.  
Project Manager

Irvine Ranch Water District  
 Construction Management Services - Baker Water Treatment Plant

Exhibit A - Variance No. 1 Requested Budget

Task	Task Description	Project Lead	Field Engineer	Process Specialist	Lead Engineer	Staff Engineer	Sr. Electrical/ Instrumentation Engineer	Electrical/ Instrumentation Engineer	Structural Engineer	CAD Technician	Document Processing	Task Hours	Task Total
<b>1</b>	<b>Membrane Filtration and UV Disinfection Modifications</b>												
1.01	Pall Meetings	16	40	32			16					104	\$ 22,088
1.02	Pall Design Changes		32	16		8	8	12				76	\$ 14,952
1.03	Pall Submittal Reviews		32	16		32	16	24				120	\$ 22,912
1.04	Wedeco Meetings	12	24	24			16					76	\$ 16,292
1.05	Wedeco Design Changes		24	4		16	24	24				92	\$ 17,644
1.06	Wedeco Submittal Reviews		24	16		16	16	40				112	\$ 21,336
	<b>Task Subtotal</b>	<b>28</b>	<b>176</b>	<b>108</b>	<b>0</b>	<b>72</b>	<b>96</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>580</b>	<b>\$ 115,200</b>
<b>2</b>	<b>Equipment Substitution Requests</b>												
2.01	Unanticipated Substitution Review Time		80	40	24	80	40	64	12			340	\$ 65,608
	<b>Task Subtotal</b>	<b>0</b>	<b>80</b>	<b>40</b>	<b>24</b>	<b>80</b>	<b>40</b>	<b>64</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>340</b>	<b>\$ 65,600</b>
<b>3</b>	<b>Vendor Deviations</b>												
3.01	Unanticipated Deviation Review		72	40	24	64	32	48	16			296	\$ 57,616
	<b>Task Subtotal</b>	<b>0</b>	<b>72</b>	<b>40</b>	<b>24</b>	<b>64</b>	<b>32</b>	<b>48</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>296</b>	<b>\$ 57,600</b>
<b>4</b>	<b>Submittal Quantities</b>												
4.01	Unanticipated Review for Submittals		160	40	40	160	32	64	48			544	\$ 104,616
	<b>Task Subtotal</b>	<b>0</b>	<b>160</b>	<b>40</b>	<b>40</b>	<b>160</b>	<b>32</b>	<b>64</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>544</b>	<b>\$ 104,600</b>
<b>5</b>	<b>Permitting Assistance</b>												
5.01	Permit Preparation		4		16	24						44	\$ 8,356
5.02	Permit Coordination		4		8	12						24	\$ 4,572
	<b>Task Subtotal</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>24</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>\$ 12,900</b>
	Hours Total	28	496	228	112	412	200	276	76	0	0	1,828	
	Rate	\$ 242	\$ 197	\$ 217	\$ 212	\$ 174	\$ 212	\$ 174	\$ 212	\$ 111	\$ 97		
	<b>Project Subtotal</b>	<b>\$ 6,800</b>	<b>\$ 97,700</b>	<b>\$ 49,500</b>	<b>\$ 23,700</b>	<b>\$ 71,700</b>	<b>\$ 42,400</b>	<b>\$ 48,000</b>	<b>\$ 16,100</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$355,900</b>

**CON] EXHIBIT "B" ER**

**IRVINE RANCH WATER DISTRICT**  
 15600 Sand Canyon Avenue  
 Irvine, California 92619  
 (949) 453-5300



C.O. No. 008

Final

Project No. 11747(5027)

Baker WTP

Project Title

Date: 08/31/15

THE FOLLOWING CHANGE TO CONTRACT, DRAWINGS AND SPECIFICATIONS IS PROPOSED.	\$ ADDITIONS	\$ DELETIONS	DAYS ±
Dig/Lay/Backfill 350ft. +/- 36-inch CMLC steel pipe from Station 34+41.00 to Station 37+91.00. Delete Jack and Bore installation of the pipe described above.	\$0.00	<\$134,327.00>	0
<b>TOTAL</b>	\$0.00	<\$134,327.00>	0

			DAYS ±
1. NET AMOUNT THIS CHANGE ORDER	=	<\$134,327.00>	0
2. ORIGINAL CONTRACT AMOUNT	=	\$77,520,613	820
3. TOTAL PREVIOUS CHANGE ORDER(S)	=	\$138,537.00	0
4. TOTAL BEFORE THIS CHANGE ORDER (2+3)	=	\$77,659,150.00	820
5. PROPOSED REVISED CONTRACT AMOUNT TO DATE (1+4)	=	\$77,524,823.00	820

We hereby agree to make the above change subject to the terms of this change order for the sum of <\$134,327.00>

Credit amount of one hundred thirty-four thousand three hundred twenty-seven and no/100s and no additional time ----- Dollars

6-31-15 Date PCL Construction Contractor  
 By: [Signature] Project Manager

SIGNATURE	DATE	APPROVAL LEVEL REQUIRED
<u>[Signature]</u> IRWD Engineer or Consulting Engineer	<u>8/31/15</u> Date	Department Director Approval Required <input type="checkbox"/>
<u>[Signature]</u> Principal Engineer	<u>09/03/15</u> Date	Executive Director Approval Required <input type="checkbox"/>
<u>[Signature]</u> Executive Director of Engineering & Water Quality	<u>9/4/15</u> Date	General Manager Approval Required <input type="checkbox"/>
<u>[Signature]</u> General Manager	<u>                    </u> Date	Board Approval Required <input checked="" type="checkbox"/>
		517629
		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 Change 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 Change Order. The time for completing the contract will not be extended unless expressly provided for in this Change Order.

CSG-02



**CONSTRUCTION LEADERS**

August 21<sup>st</sup>, 2015

LETTER # BKR-399

Mr. Scott Toland  
IRWD

Re: Baker Water Treatment Plant Project  
**CRX-083/097, rev.1 – Product Water Pipeline VE Proposal – 10” ACP  
Differing Site Condition**

Dear Scott:

As a follow-up to PCL’s notification email dated June 12<sup>th</sup>, 2015, attached please find a summary of costs associated with the 10” ACP differing site condition encountered during installation of the product water pipeline. In accordance with the value engineering agreement between PCL Construction and IRWD, the costs incurred for this issue will be shared equally. This results in a value of \$17,673 applied towards the ~~<\$152,000>~~ credit due to IRWD. The revised value engineering credit is hereby amended to: <\$134,327>.

Any PCL self-perform labor included in this proposal is in accordance with rates published in the applicable CA Prevailing wage decisions for the project locality. Labor rates and rates used for salary personnel provide for all associated assessments (not actual costs) in addition to worker’s compensation rates assessed at an EMOD rate of 1.00 (exclusive of an experience modifier). Additionally, any construction equipment rates reflected in this quote are per the most current CalTrans rates.

PCL respectfully requests that a change order be issued for the aforementioned work. Please contact the undersigned with any questions.

Sincerely,

**PCL Construction, Inc.**



Daña Lebeda  
Project Manager

cc: B. Taylor, file  
Enclosures (2)

**PCL CONSTRUCTION, INC.**  
255 Rincon St., Suite 321, Corona, CA 92880  
Telephone: (951) 520-2672 Fax: (951) 520-2684

# EXHIBIT "C"

**Baker WTP  
PR 11747 (5027)  
Construction Change Order Summary**

Date: September 3, 2015  
Contractor: PCL Construction  
Design Engineer: RBF/Carollo

Change Order No.	Description	Category	Approved by Baker PC	Contract Amount						Contract Days				Original Completion Date:
				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 Order Days	Cum. Change Order Days	Revised Total Contract Days	4/5/2016
1	Approved by General Manager Approved on June 5, 2014 <u>CR-1</u> : Modifications to the 8-inch irrigation pipeline pressure reducing station PRVs. <u>CR-11</u> : Removal and disposal of hazardous materials, mercury	A B	Not required	\$ 41,966.00 \$ 2,771.00	\$ 44,737.00	\$ -	\$ 44,737.00	0.06%	\$77,565,350.00	0	0	0	820	4/5/2016
2	Approved by Executive Director of Eng. and WQ Approved on October 28, 2014 <u>CR-4</u> : Modify contract price for inflation adjustment to Pall membrane filtration system purchase order. <u>CR-6</u> : Modify contract price for inflation adjustment to Wedeco UV system purchase order.	A A	Not required	\$ (117,869.00) \$ (9,051.00)	\$ (126,920.00)	\$ 44,737.00	\$ (82,183.00)	-0.11%	\$ 77,438,430.00	0	0	0	820	4/5/2016
3	Approved by Executive Director of Eng. and WQ Approved on October 28, 2014 <u>CR-2A</u> : Delete poly coated chain link swing gate and replace with an ornamental swing gate and add perforated screen to swing and slide gates. <u>CR-7</u> : Provide bent steel plate for dewatering building roof and an H-20 Bilco steel hatch at treatment building. <u>CR-12</u> : Revise doors and hardware and add card readers.	D D D	Not required	\$ 10,747.00 \$ 16,331.00 \$ 45,553.00	\$ 72,631.00	\$ (82,183.00)	\$ (9,552.00)	-0.01%	\$77,511,061.00	0	0	0	820	4/5/2016
4 (PWPS)	Approved by Executive Director of Eng. and WQ Approved on November 20, 2014 <u>CR-3</u> : Modifications to the SCP valve vault piping and appurtenances per MWD post-bid revisions. <u>CR-13</u> : Over excavation and removal of unsuitable soils in the PWPS area.	C B	Not required	\$ 6,095.00 \$ 36,217.00	\$ 42,312.00	\$ (9,552.00)	\$ 32,760.00	0.04%	\$77,553,373.00	0	0	0	820	4/5/2016
5	Approved by Executive Director of Eng. and WQ Approved on December 10, 2014 <u>CR-5</u> : SCE service plan modifications received after bid date. <u>CR-9</u> : Delete removal of 24-inch ACP, add 10 cy concrete for plug, add removal and disposal of 20 cy rubble and add site glass for the flocculator gear boxes <u>CR-10</u> : Design clarification for the fire and utility water systems at the treatment building.	C B A	Not required	\$ 8,032.00 \$ 2,736.00 \$ -	\$ 49,562.00	\$ 32,760.00	\$ 82,322.00	0.11%	\$77,602,935.00	0	0	0	820	4/5/2016

**Baker WTP  
PR 11747 (5027)  
Construction Change Order Summary**

Date: September 3, 2015  
Contractor: PCL Construction  
Design Engineer: RBF/Carollo

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$77,520,613.00						Original Days: 820				4/5/2016
Change Order No.	Description	Category	Approved by Baker PC	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 Order Days	Cum. Change Order Days	Revised Total Contract Days	Revised Completion Date
5 (cont.)	CR-14: T&M 1, over excavation of unsuitable soils at dewatering facility \$7,469. T&M 2, clean and coat flange serving TCWD raw water line \$689. T&M 3, new loose flange for installation of blind flange \$1,036. T&M 5, relocate drain piping under pipe gallery \$3,638.	B		\$ 12,832.00										
	CR-18: Rebar for pipe encasement at CT basin 42-inch pipe.	D		\$ 3,904.00										
	CR-21: Change from Multilin to Schweitzer for power monitors and relays.	A		\$ -										
	CR-22: Provide fire sprinkler system in HCL room in chemical building.	C		\$ 3,034.00										
	CR-24: Revise drain line and davit sleeves for Disposal EQ basin.	E		\$ -										
	CR-29: Provide stainless steel wear rings for vertical turbine pump bowls and impellers. CR-32: Provide and install additional lap rebar for CMU block wall at chemical building.	D			\$ 15,871.00									
6	Approved by Executive Director of Eng. and WQ Approved on January 20, 2015 CR-015: Provide mini power centers and change mufflers from carbon steel to stainless steel. CR-020: Provide remote motor controller, flow and level sensor transmitters for Disposal EQ basin CR-026: Delete unneeded davit sleeves and provide shorter sleeves per alternate listed supplier. CR-030: Remove unknown concrete in 30-inch storm drain trench CR-031: Provide larger roof hatches and mineral wool sound insulation at the MF Feed pump station. CR-033: Provide 2-inch hub drain with tubing for AC equipment in chlorine dioxide room, Chemical Building. CR-035: Provide additional steel tube framing for lower canopies at Treatment Building. CR-037: Provide double check valve back flow preventers and associated piping and valves for the OCFA connections at the Chemical Building, Treatment Building and MF Feed pump station. CR-039: Provide increased insurance limits of \$5,000,000 for the General Liability and Automotive Policies.	B A D B D D D C A	Not Required		\$25,759.00	\$ 82,322.00	\$ 108,081.00	0.14%	\$77,628,694.00	0	0	0	820	4/5/2016

**Baker WTP  
PR 11747 (5027)  
Construction Change Order Summary**

Date: September 3, 2015  
Contractor: PCL Construction  
Design Engineer: RBF/Carollo

Change Order No.	Description	Category	Approved by Baker PC	Contract Amount						Contract Days				Original Completion Date:			
				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 Order Days	Cum. Change Order Days	Revised Total Contract Days	Revised Completion Date			
6 (cont.)	<u>CR-044</u> : Provide spray nozzles for screw conveyors at Dewatering Facility	A		\$1,076													4/5/2016
7	Approved by Executive Director of Eng. and WQ Approved on May 29, 2015 <u>CR-034</u> : Provide slurry backfill at Treatment Bldg <u>CR-036</u> : Provide conduit for future electric service at TCWD pump station and rotate panels at Chemical Building. <u>CR-040</u> : Add hollow metal door for electrical room in TCWD pump station <u>CR-043</u> : Relocate vendor control panel (VCP 1150) in Chemical Building <u>CR-045</u> : Revise exterior lighting in various locations <u>CR-051</u> : Provide a credit for eight stainless steel sample taps supplied by IRWD. <u>CR-052</u> : Unmarked 2-inch waterline, Palmwood Dr <u>CR-053</u> : Revise footings in Dewatering Building <u>CR-054</u> : Add horizontal curb for sedimentation basin sludge collectors. <u>CR-055</u> : Revise chlorine dioxide injection quill solution tubes from PVC to Hastelloy.	B D D B D A B D D D	Not Required	\$8,221.00 \$5,984.00 \$5,669.00 \$1,255.00 \$0.00 \$ (1,728.00) \$3,021.00 \$891.00 \$5,117.00 \$2,026.00	\$ 30,456.00	\$ 108,081.00	\$ 138,537.00	0.18%	\$77,659,150.00	0	0	0	820			4/5/2016	
8 (PWPS)	Approved by Board of Directors Approved on September 28, 2015 (anticipated) <u>CR-059</u> : VE option - open trench vs Jack & Bore	A	Yes	\$ (134,327.00)	\$ (134,327.00)	\$ 138,537.00	\$ 4,210.00	0.01%	\$77,524,823.00	0	0	0	820				4/5/2016

Category	Total Amount	% of Original Contract
A - Owner Directed Change	\$ (218,643.00)	-0.28%
B - Differing/Unknown Condition	\$ 72,394.00	0.09%
C - External Agency, Regulatory, and/or Permit Required Change	\$ 28,526.00	0.04%
D - Design Oversight	\$ 121,933.00	0.16%
E - Design Error	\$ -	0.00%
<b>Total Change Order Amount (A + B + C + D + E)</b>	<b>\$ 4,210.00</b>	<b>0.01%</b>

**CONT EXHIBIT "D" ER**

**IRVINE RANCH WATER DISTRICT**

15600 Sand Canyon Avenue  
Irvine, California 92619  
(949) 453-5300



C.O. No. 03

Final

Project No. 11747(5027)

Baker WTP Raw Water Conveyance Facilities

Project Title

Date: 07/03/15

THE FOLLOWING CHANGE TO CONTRACT, DRAWINGS AND SPECIFICATIONS IS PROPOSED.	\$ ADDITIONS	\$ DELETIONS	DAYS ±
CR-010: Remobilize and complete OC-33 Turnout work.	\$120,274.96	\$0.00	414
CR-012: Increase thickness of roof foam insulation.	\$ 5,488.09	\$0.00	7
CR-013: Provide safety film for wire glass on door 106, stucco finish on exterior door frames, bronze down spout for roof drain and a credit for return of three (3) 8-inch plug valves.	\$1,473.05	\$0.00	0
<b>TOTAL</b>	\$127,236.10	\$0.00	421

DAYS ±

1. NET AMOUNT THIS CHANGE ORDER	=	\$127,236.10	421
2. ORIGINAL CONTRACT AMOUNT	=	\$4,995,744.00	455
3. TOTAL PREVIOUS CHANGE ORDER(S)	=	\$67,788.73	0
4. TOTAL BEFORE THIS CHANGE ORDER (2+ 3)	=	\$5,063,532.73	455
5. PROPOSED REVISED CONTRACT AMOUNT TO DATE (1+4)	=	\$5,190,768.83	876

We hereby agree to make the above change subject to the terms of this change order for the sum of: \$127,236.10

-----One hundred twenty seven thousand two hundred thirty six and 10/100s----- Dollars

7/7/15  
Date

Pacific Hydrotech Corporation  
Contractor

*Dale McKay*  
By: Dale McKay, Project Manager

SIGNATURE	DATE	APPROVAL LEVEL REQUIRED
<i>[Signature]</i> IRWD Engineer or Consulting Engineer	<u>7/8/15</u> Date	Department Director Approval Required <input type="checkbox"/>
<i>[Signature]</i> Principal Engineer	<u>09/03/15</u> Date	Executive Director Approval Required <input type="checkbox"/>
<i>[Signature]</i> Executive Director of Engineering & Water Quality	<u>9/4/15</u> Date	General Manager Approval Required <input type="checkbox"/>
<i>[Signature]</i> General Manager	Date	Board Approval Required <input checked="" type="checkbox"/>
		517629
		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 Change 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 Change Order. The time for completing the contract will not be extended unless expressly provided for in this Change Order.

# EXHIBIT "E"

## Baker RWCF PR 11747 (5027) Construction Change Order Summary

Date: September 3, 2015  
Contractor: Pacific Hydrotech  
Design Engineer: RBF/Carollo

				Contract Amount						Contract Days				Original Completion Date:
				Original Contract Amount: \$4,995,744.00						Original Days: 455				4/6/2015
Change Order No	Description	Category	Approved by Baker PC	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 Order Days	Cum. Change Order Days	Revised Total Contract Days	Revised Completion Date
1	Approved by: Executive Director of Eng. and WQ Approved on: January 20, 2015 <u>CR-4</u> : T&M-1, additional dewatering at existing 36-inch suction and discharge pipes. T&M-3, removal and disposal of unknown concrete. <u>CR-SR1</u> : Revise/relocate three cathodic protection test stations and add a fourth test station.	B  D	Not required	\$ 17,888.90	\$ 21,183.23	\$ -	\$ 21,183.23	0.42%	\$5,016,927.23	0	0	0	455	4/6/2015
2	Approved by: Acting Executive Director Eng. & WQ Approved on: March 20, 2015 <u>CR-1</u> : Modify PRVs for dual acting service <u>CR-6</u> : Provide and install larger cans for air/vac stations <u>CR-7</u> : Provide and install Yale exit devices (panic hardware) for RWCF. <u>CR-8 (T&amp;M-002)</u> : Additional potholing for SCE service <u>CR-9</u> : Change radio to newer model. <u>CR-11</u> : T&M for Santiago Lateral ARV pads, concrete slurry backfill SCE equipment, and transporting OC-33 materials to IRWD storage.	D D D B A A	Not required	\$ 6,208.82 \$ 4,903.08 \$ 3,000.00 \$ 17,070.29 \$ 443.29 \$ 14,980.02	\$ 46,605.50	\$ 21,183.23	\$ 67,788.73	1.36%	\$5,063,532.73	0	0	0	455	4/6/2015
3	Approved by: Board of Directors Approved on: September 28, 2015 (anticipated) <u>CR-10</u> : Remobilize and complete OC-33 work <u>CR-12</u> : Increase thickness of roof foam insulation <u>CR-13</u> : Safety film, down spout, stucco, and MWD valve credit	A D D	Yes	\$ 120,274.96 \$ 5,488.09 \$ 1,473.05	\$ 127,236.10	\$ 67,788.73	\$ 195,024.83	3.90%	\$5,190,768.83	421	0	421	876	5/31/2016

Category	Total Amount	% of Original Contract
A - Owner Directed Change	\$ 135,698.27	2.72%
B - Differing/Unknown Condition	\$ 34,959.19	0.70%
C - External Agency, Regulatory, and/or Permit Required Change	\$ -	0.00%
D - Design Oversight	\$ 24,367.37	0.49%
E - Design Error	\$ -	0.00%
<b>Total Change Order Amount (A + B + C + D + E)</b>	<b>\$ 195,024.83</b>	<b>3.90%</b>