

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

**June 22, 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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**PUBLIC HEARING**

**Next Resolution No. 2015-17**

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3. PROPOSED CHANGES TO THE SCHEDULE OF RATES AND CHARGES  
EFFECTIVE JULY 1, 2015

1. Recommendation: Open the hearing.
2. Inquire of the Secretary how the hearing was noticed.
3. Receive and file the affidavit of mailing.
4. Request legal counsel to describe the nature of the proceedings.
5. Request the Executive Director of Finance to report on written protests received.
6. Hear any person who wish to speak regarding the proposed changes to the rates and charges.
7. Inquire of the Board if they have any comments or questions.
8. Close the hearing.
9. Adopt a resolution by title.

Reso No. 2015-

<b>CONSENT CALENDAR</b>	<b>Next Resolution No. 2015-17</b>	<b>Items 4-8</b>
4.	<u>MINUTES OF BOARD MEETING</u>  Recommendation: That the minutes of the June 8, 2015 Regular Board Meeting be approved as presented.	
5.	<u>RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS</u>  Recommendation: That the Board ratify/approve the meetings and events for Steven LaMar, Mary Aileen Matheis, Douglas Reinhart, Peer Swan, and John Withers as described.	
6.	<u>MAY 2015 TREASURY REPORTS</u>  Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the Monthly Interest Rate Swap Summary for May 2015, and Disclosure Report of Reimbursements to board members and staff; approve the May 2015 Summary of Payroll Ach Payments in the total amount of \$2,215,506 and approve the May 2015 Accounts Payable Disbursement Summary of Warrants 358200 through 358855, workers' compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$20,799,540.	
7.	<u>FY 2015-16 OPERATING BUDGET VENDOR EXPENDITURE COMMITMENTS GREATER THAN \$100,000</u>  Recommendation: That the Board approve the list of vendor commitments greater than \$100,000 based on approved FY 2015-16 operating budget expenditures, and recommend Board approval of the same.	
8.	<u>EAST ORANGE COUNTY WATER DISTRICT INTERCONNECTION REHABILITATION FINAL ACCEPTANCE</u>  Recommendation: That the Board accept construction of the East Orange County Water District Interconnection Rehabilitation, project 11799 (5401); 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.	

<b>ACTION CALENDAR</b>	
<p>9. <u>METER READING SERVICES CONTRACT AWARD</u></p> <p>Recommendation: That the Board authorize the General Manager to execute a five-year contract for meter reading services with Alexander's Contract Services effective July 1, 2015 totaling approximately \$6,534,000 over the five years.</p>	
<p>10. <u>MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES CONTRACT CHANGE ORDER</u></p> <p>Recommendation: That the Board approve Contract Change Order No. 29 in the amount of \$225,971.77 for foul air pipe supports and a secondary circuit breaker with Filanc/Balfour-Beatty for the Michelson Water Recycling Plant Biosolids and Energy Recovery Facilities, project 21146 (4286).</p>	
<b>OTHER BUSINESS</b>	

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.

11. A. General Manager's Report

B. Directors' Comments

C. Adjourn meeting to Tuesday, June 23, 2015 at 10:00 a.m. to:  
 IRWD's Baker Treatment Plant, 21082 Wisteria, Lake Forest, CA.

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

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

June 22, 2015

Prepared by: Christopher Smithson

Submitted by: Rob Jacobson /Cheryl Clary

Approved by: Paul Cook 

## PUBLIC HEARING

### PROPOSED CHANGES TO THE SCHEDULE OF RATES AND CHARGES EFFECTIVE JULY 1, 2015

#### SUMMARY:

The Fiscal Year (FY) 2015-16 Operating Budget was adopted at the June 8, 2015 Board meeting and at that same meeting the Board adopted a resolution receiving the IRWD Cost of Service Study. The proposed changes to the District's rates and charges were publicly noticed by mail as required under Proposition 218, and protests to the implementation of those rates and charges have been tallied by the District. As of June 18, 2015, seven written protest letters were received by the District, which represents 0.01% of the total customers, substantially less than the 50% which would have been required to prevent the Board from adopting the current proposed rates and charges. Protests may be received up until the commencement of the public hearing; staff will provide an updated report as part of the hearing process.

Pursuant to the requirements of Proposition 218, a Public Hearing on the rates and charges is required. Following the Public Hearing, staff recommends that the Board adopt the proposed changes to the Schedule of Rates and Charges required to fund operating expenses.

#### OUTLINE OF PROCEEDINGS

President: Declare this to be the time and place for a hearing on the proposed changes to the rates and charges. Ask the Secretary how the hearing was noticed.

Secretary: The hearing was noticed by mail. Present affidavit of mailing.

Board: RECOMMENDED MOTION: "RECEIVE AND FILE THE AFFIDAVIT OF MAILING BY AN INDEPENDENT PROCESSING FIRM AS PRESENTED BY THE SECRETARY."

President: Request Legal Counsel to describe the nature of the proceedings.

Legal  
Counsel: Describe the proceedings.

President: Request a staff report from the Executive Director of Finance on the proposed rates and charges and inquire whether there have been any written communications.

Executive Director  
of Finance: Provide staff report and respond regarding the number of protests received to the implementation of the rates and charges.

President: Inquire whether there is anyone present who wishes to address the Board regarding the proposed changes to the rates and charges.

President: Inquire whether there are any comments or questions from members of the  
(continued) Board of Directors. After comments or questions, state that the hearing will be closed.

Board: RECOMMENDED MOTION: THAT THE HEARING BE CLOSED AND THAT THE FOLLOWING RESOLUTION BE ADOPTED BY TITLE:

RESOLUTION NO. 2015 -

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE RANCH WATER DISTRICT, ORANGE COUNTY, CALIFORNIA  
RESCINDING RESOLUTION NO. 2014-50 AND ADOPTING  
CHANGES TO THE SCHEDULE OF RATES AND CHARGES AS  
SET FORTH IN EXHIBIT "B" TO THE RULES AND  
REGULATIONS OF IRVINE RANCH WATER DISTRICT  
FOR WATER, SEWER AND RECYCLED WATER SERVICE

BACKGROUND:

Proposed Rates and Charges for FY 2015-16:

A redline version showing the changes to the rates and charges proposed for FY 2015-16 is attached as Exhibit "B". The proposed changes include both updates identified through the rate setting process and changes to the wording and format to better communicate the application of the District's rates to the customer. As mentioned in the previous meetings, the Orange Park rate area will be merged into the Irvine Ranch rate area effective July 1, 2015.

The budget and rate setting process for FY 2015-16 included several distinct components:

- The Governor issued an Executive Order directing the State Water Resources Control Board (SWRCB) to impose restrictions to achieve an aggregate statewide 25% reduction in potable urban water use through February 2016. The SWRCB identified final regulations to implement the 25% Conservation Standard on May 5, 2015 based on the relative residential per capita water usage (gallons per capita per day, or GPCD) of each water supplier's area for the reporting period of July through September 2014 R-GPCD values. Based on IRWD's 91.4 GPCD, the SWRCB's proposal requires that IRWD achieve a 16% reduction in potable usage.
- Staff modified the FY 2015-16 Operating Budget to incorporate the final regulation into the rate setting process and presented the revised budget and proposed rates along with options on how to achieve the required reductions at a Board Workshop on April 27, 2015. The updated budget was approved by the Board at the May 26, 2015 meeting.
- Carollo Engineers, Inc. presented a draft Cost of Service Study based on the FY 2014-15 operating budget to the Finance and Personnel Committee during the initial budget

budget process. Based on the changes recognized from the state mandate and the potential impact from the continuing drought, the District chose to have Carollo apply the Cost of Service approach to the modified FY 2015-16 operating budget for rate setting. The final study was received by the Board at the June 8, 2015 Board meeting.

All changes from the factors identified were included in the budget and rate setting process. Staff has reviewed costs and revenues for the treated water system, the untreated water system, the sewer system, and the recycled water system. As a result of this review, changes to the water and sewer rates for the Irvine Ranch rate area and the Los Alisos rate area recommended for FY 2015-16 include:

*Irvine Ranch Rate Area*

Treated Water System:

- An increase to the low volume rate of \$0.23, from \$0.88 per ccf to \$1.11 per ccf.
- An increase to the base commodity rate of \$0.28 per ccf, from \$1.34 per ccf to \$1.62 per ccf.
- A decrease of \$0.20 to the current monthly service charge, from \$10.50 to \$10.30, which includes monthly user rate contributions of \$1.45 per month for water capital infrastructure replacements and \$0.70 per month for water capital infrastructure enhancements.

Sewer System:

- The sewer rate setting process included one significant shift. Residential customers have historically been placed in one of three tiers based on average water usage (0-5 ccf, 6-10 ccf, or over 10 ccf) over a calendar year. The rate will now be determined based on the three lowest months of usage, which eliminates the additional water used for landscape during summer months from the average since this water does not flow into the sewer treatment system. This shift moved approximately 40% of the District's residential customers from the top tier down to the lower two tiers. The lower tiers for FY 2014-15 would require an increase to make up for the lost revenue from the top tier. Prior to any operational increases for the new fiscal year, the existing tiers would increase and increased operating costs for the FY 2015-16 are then applied to the adjusted rates:

Sewer Tiers	Based on 12 Months Average Usage	Based on Lowest 3 Months Average Usage	
	Rates FY 2014-15	Rates FY 2014-15	Rates FY 2015-16
0-5 ccf	\$15.40	\$16.60	\$18.55
6-10 ccf	\$18.45	\$19.90	\$21.85
Over 10 ccf	\$20.50	\$22.10	\$24.05

- The increase to the adjusted monthly service charge is \$1.95, which includes monthly user rate contributions of \$7.35 per month for sewer/recycled water capital infrastructure

replacements and \$0.70 per month for sewer and recycled water capital infrastructure enhancements. The \$7.35 per month user rate contribution includes an additional \$0.65 per month from FY 2014-15 to provide funding for a significant portion of the bio-solids treatment facility.

**Recycled Water System:**

- The recycled commodity rate is no longer set as a percentage of the potable rate (previously 90%). The rates identified will provide the necessary funding for the recycled system.
- An increase to the low volume rate of \$0.29, from \$0.79 per ccf to \$1.08 per ccf.
- An increase to the base commodity rate of \$0.18 per ccf, from \$1.19 per ccf to \$1.37 per ccf.
- A decrease of \$0.20 to the current monthly service charge, from \$10.50 to \$10.30, for the recycled system.

*Los Alisos Rate Area (ID 135/235)*

**Treated Water System:**

- An increase to the low volume rate of \$0.13, from \$1.51 per ccf to \$1.64 per ccf.
- An increase to the base commodity rate of \$0.08 per ccf, from \$2.31 per ccf to \$2.39 per ccf.
- A decrease of \$0.20 to the current monthly service charge, from \$10.50 to \$10.30, which includes monthly user rate contributions of \$1.45 per month for water capital infrastructure replacements and \$0.70 per month for water capital infrastructure enhancements.

**Sewer System:**

- The sewer changes mirror those identified for the Irvine Ranch rate area because the District has one sewer system.

**Recycled Water System:**

- The recycled changes mirror those identified for the Irvine Ranch rate area because the District has one recycled system.

The proposed treated water tiered rates for both rate areas are as follows (per ccf):

<b>Tiers</b>	<b>Irvine Ranch</b>	<b>Los Alisos</b>
Low Volume	\$1.11	\$1.64
Base Rate	\$1.62	\$2.39
Inefficient	\$3.92	\$3.60
Excessive	Eliminated	
Wasteful	\$14.53	\$15.20

A proposed redline version of the schedule of rates and charges is provided as Exhibit "B", and contains the proposed rates for both rate areas.

User/Replacement and Enhancement Capital Component:

The replacement component was increased for water and sewer as noted above. The added component is estimated to generate an additional \$3.5 million for the systems. Combined with the existing replacement and enhancement rate components, the total capital components are estimated to generate \$5.6 million and \$17.5 million on the treated water and sewer systems, respectively.

Comparison to City of Orange Rates:

On August 28, 2006, IRWD and the City of Orange executed an agreement by which IRWD would provide services to the area known as the "Santiago Hills II / East Orange Area". One of the conditions stipulated in this agreement was that the cumulative fixed and commodity charges for water service to an IRWD customer using the median amount of water would not exceed the same charges incurred by a customer in the City of Orange using the median amount of water in the City. Based on the rates as proposed for FY 2015-16, a customer in IRWD using the median amount of water (11 ccf per month) will pay an average of \$25.57 per month for water service fixed and commodity charges. Based on the most current water rates in the City of Orange, a customer using the IRWD median amount of water (11 ccf per month) will pay an average of \$27.24 per month for water service fixed and commodity charges, or 6.5% more than a comparable ratepayer in IRWD.

Proposition 218 Notice:

Proposition 218, enacted in 1996, mandates that proposed increases in "property-related fees" must be noticed to property owners, and that such owners have an opportunity to protest prior to the enactment of the fee increases. While water districts and sewer agencies throughout the state believed, based on court decisions, that water and sewer service was exempt from this requirement, in July 2006, the California Supreme Court issued a decision in the matter of Bighorn, which held that water delivery charges are property-related. Following the Supreme Court's logic, most interpretations of the decision are that both water and sewer charges should be noticed in order to be in compliance with Proposition 218.

Under Proposition 218, the notice to customers must be sent to all property owners. As permitted by statute, the District sent its notices to all of its customers (including tenants) in the District's service area at their billing addresses.

The District contracted with Davis Farr, Certified Public Accountants to collect and count the rate increase protests. They will provide management with a report prior to the Board meeting on June 22, 2015 (45 days from the date of mailing the Prop 218 notices), and they will be present at the Public Hearing established for approval of the rates to answer questions on the process and final results.

The District received all written protests from property owners in the District at a separate post office box from the rest of the District's mail. As of June 18, 2015, seven written protests have been received, representing 0.01% of the 91,638 notices sent, 0.59% were returned as undeliverable. Under Proposition 218, more than 50% of the IRWD customers would have to protest in order to prevent the Board from adopting the Proposed Rates and Charges.

Copies of all seven protest letters received to date are attached as Exhibit "C".

#### ENVIRONMENTAL COMPLIANCE:

The establishment, modification, structuring, restructuring or approval of rates, tolls, fares, or other charges by public agencies are exempt from the requirements of the California Environmental Quality Act (CEQA) provided that certain findings are made specifying the basis for the claim of exemption. The necessary findings are contained in the proposed resolution.

#### FISCAL IMPACTS:

The District's FY 2015-16 Consolidated Operating Budget totals \$140.4 million, representing a \$9.7 million or 7.5% increase from the Fiscal Year 2014-15 Operating Budget. The proposed adjustments to the District's Schedule of Rates and Charges will generate approximately \$3.9 million of additional revenue for the treated water system and approximately \$7.7 million of additional revenue in the sewer system.

Included in the additional revenue is \$3.3 million generated to provide funding for replacement capital, including the biosolids project, for both the water and sewer system.

#### COMMITTEE STATUS:

The proposed changes to the Schedule of Rates and Charges were reviewed by the:

- Finance and Personnel Committee on March 3, 2015, March 16, 2015, April 6, 2015, and April 21, 2015.
- Board of Directors at a Workshop on April 13, 2015 and April 27, 2015.

#### LIST OF EXHIBITS:

Exhibit "A" – Resolution to Adopt Schedule of Rates and Charges

Exhibit "B" – Proposed changes to the Schedule of Rates and Charges

Exhibit "C" – Protest Letters received as of June 17, 2015

## Exhibit "A"

### RESOLUTION NO. 2015 -

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE  
RANCH WATER DISTRICT, ORANGE COUNTY, CALIFORNIA  
ADOPTING CHANGES TO THE SCHEDULE OF RATES AND CHARGES  
AS SET FORTH IN EXHIBIT "B" TO THE RULES AND  
REGULATIONS OF IRVINE RANCH WATER DISTRICT  
FOR WATER, SEWER AND RECLAIMED WATER SERVICE

WHEREAS, the Irvine Ranch Water District (IRWD) is a California Water District organized and existing under the California Water District Law, and all of the lands within the boundaries of said District are located in the County of Orange, State of California; and

WHEREAS, Sections 35423, 35470 and Section 35501 of the California Water Code empower the District to establish, print and distribute equitable rules and regulations and prescribe and collect rates or other charges for water and sewer service; and

WHEREAS, the Board of Directors of IRWD, by adoption of Resolution No. 2014-50 approved and adopted amended "Rules and Regulations of Irvine Ranch Water District for Water, Sewer, Recycled Water, and Natural Treatment System Service," effective November 10, 2014 "; and

WHEREAS, Exhibit "B" of said Rules and Regulations sets forth Rates and Charges, which Exhibit "B" may be changed from time to time by adoption of changes to any of the rates and charges or any new rates and charges as may be established and set forth therein; and

WHEREAS, Section 21080(b) (8) of the Public Resources Code provides that the establishment, modification, structuring, restructuring or approval of rates, tolls, fares, or other charges by public agencies are exempt from the requirements of the California Environmental Quality Act (CEQA) provided that certain findings are made specifying the basis for the claim of exemption; and

WHEREAS, Article XIII B of the Constitution of the State of California, limiting local agencies' appropriations of proceeds of taxes, excludes user charges or fees or regulatory fees from the definition of proceeds of taxes, as long as such fees and charges do not produce revenue exceeding the costs reasonably borne in providing the regulation, product or service, and further excludes appropriations for debt service and appropriations for qualified capital outlay projects from appropriations subject to limitation; and

WHEREAS, IRWD has conducted a cost of service and rate design study through its consultant, Carollo Engineers, and the Board of Directors has received the final study dated June 18, 2015 (the "Cost Study"); and

WHEREAS, the Board of Directors of IRWD deems it advisable and finds that it would be in the best interest of the District to amend or establish certain rates and charges,

consistent with applicable constitutional and statutory requirements and consistent with recommendations described in the Cost Study; and

WHEREAS, Article XIID of the Constitution of the State of California provides that, in imposing or increasing any property-related fee or charge, an agency shall provide written notice by mail of the proposed fee or charge to the record owner of each identified parcel upon which the fee or charge is proposed for imposition, the amount, basis of calculating, and reason for such proposed fee or charge, and the date, time and location of a public hearing on the proposed fee or charge to be conducted not less than 45 days after the mailing of said notice, and Government Code Section 53755 provides for such notice to be given by mailing to the address where billing statements are customarily sent by the District;

WHEREAS, a mailed notice was given, setting Monday, June 22, 2015, at the hour of 5:00 p.m. of said day in the Board of Directors Room of Irvine Ranch Water District, 15600 Sand Canyon Avenue, Irvine, California, as the time and place for a public hearing on the proposed increases in property-related rates and charges and any proposed new property-related rates and charges set forth in Exhibit "A" to this resolution; and

WHEREAS, at the time set, the duly noticed public hearing was held and all persons interested were given an opportunity to be heard concerning the increases in property-related rates and charges and any proposed new property-related rates and charges;

WHEREAS, this Board of Directors has considered all protests presented to the District by owners of identified parcels against the proposed increases in property-related rates and charges and any proposed new property-related rates and charges;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of IRWD as follows:

Section 1. It is hereby found and determined that the number of written protests presented to the District against the proposed increases in property-related rates and charges and any proposed new property-related rates and charges has been tabulated and does not constitute a majority of the number of owners of identified parcels.

Section 2. It is hereby found and determined that the proposed changes to the Schedule of Rates and Charges are within the purposes set forth in Section 21080(b) of the Public Resources Code including but not by way of limitation, the purposes of (1) meeting operating expenses, (2) purchasing or leasing supplies, equipment or materials, (3) meeting financial reserve needs and requirements, and (4) obtaining funds for capital projects necessary to maintain service within existing areas, and therefore, that such changes are exempt from CEQA.

Section 3. The recommendations set forth in the Cost Study (Section 4.3.2 - decoupling of recycled water rates; Section 4.5.1 – low volume credit; and Section 4.5.6 – three month minimum use to establish volumetric sewer service charge blocks) are hereby adopted.

Section 4. It is hereby found and determined that the rates, charges and fees adopted hereby are imposed upon the request for or use of services; that the rates, charges and fees recover and allocate the costs of service in accordance with the criteria and requirements of

the Constitution of the State of California; and that the water user charges satisfy the criteria and requirements of Water Code Sections 370 *et seq.* relating to allocation-based conservation water pricing.

Section 5. It is hereby found and determined that relative to Article XIII B of the Constitution of the State of California, the user charges and fees and regulatory fees established or increased hereby do not produce revenues exceeding the costs reasonably borne in providing the regulation, product or service and/or are used for debt service or qualified capital outlay projects and accordingly do not constitute proceeds of taxes, the appropriation of which is limited under Article XIII B, and that the documentation used in making such determinations has been on file in the office of IRWD for not less than 15 days prior to the date hereof, pursuant to Section 7910 of the Government Code of the State of California.

Section 6. The new and/or revised rate(s), fee(s) and/or charge(s) as set forth in Exhibit "A" attached to this resolution and by this reference incorporated herein are hereby adopted, and the corresponding rate(s), fee(s) or charge(s), if any, as set forth in Exhibit B currently in effect, are hereby superseded. Staff is directed to incorporate the hereby adopted new and/or revised rate(s), fee(s) and/or charge(s) into Exhibit "B" to the Rules and Regulations.

Section 7. That the provisions of this Resolution shall be effective upon adoption.

Section 8. That the Secretary is hereby ordered and directed to post a certified copy of this Resolution in a public place within the Irvine Ranch Water District.

ADOPTED, SIGNED and APPROVED this 22<sup>nd</sup>— day of June, 2015.

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

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

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

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

*IRVINE RANCH WATER DISTRICT  
SCHEDULE OF RATES AND CHARGES*



*EFFECTIVE*

*~~NOVEMBER 11, 2014~~*

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## Monthly Water Service Charge

Customer Description			
Irvine Ranch and Los Alisos Rate Areas			
Residential detached, Condo attached/detached and apartments <sup>1</sup>		See chart (a)	
Residential apartments and condominiums (master metered) <sup>1</sup>		See chart (a)	
Commercial, Industrial, Public Authority and Landscape		See chart (a)	
Landscape recycled user		See chart (a)	
Temporary water service connections		See chart (b)	
Meter Size	Flow in Gallons	Chart (a)	Chart (b)
5/8" by 3/4" Disc	<del>0-221/2-20</del> \$10.50	<del>\$10.30</del> \$40.50	<del>\$81.50</del> \$83.44
<del>5/8" Disc</del>	<del>0-22</del>	-	-
3/4" Disc	<del>0-223/4-30</del>	\$15.45-	-
1" Disc	<del>1-5023-37</del>	<del>\$25.75</del> \$26.25	<del>\$115.49</del> \$117.72
1 1/2" Disc	<del>2-10038-75</del>	<del>\$51.50</del> \$52.50	<del>\$116.63</del> \$118.87
2" Disc	<del>2.5-16076-120</del>	<del>\$82.40</del> \$84.00	<del>\$145.67</del> \$148.49
3" Compound	161-280	\$164.80 \$168.00	\$217.88 \$222.40
4" Compound	361-450	\$309.00 \$315.00	\$419.10 \$427.25
6" Compound	451-750	\$515.00 \$525.00	\$578.47 \$589.70
8" Compound	1001-1450	\$991.40 \$1,040.65	\$903.78 \$921.35
10" Compound	1451-1600	\$1,133.00 \$1,155.00	\$1,189.25 \$1,212.35
14" Compound	2001-3500	\$1,802.50 \$1,837.50	\$1,795.35 \$1,830.20
2" Turbo	<del>1.5-250120-160</del>	<del>\$108.15</del> \$110.25	<del>\$170.01</del> \$173.30
3" Turbo	<del>2.5-650281-360</del>	<del>\$247.20</del> \$252.00	<del>\$308.51</del> \$314.50
4" Turbo	<del>3.0-1250751-1000</del>	<del>\$515.00</del> \$525.00	<del>\$557.89</del> \$568.70
6" Turbo	<del>4-25001601-2000</del>	<del>\$1,030.00</del> \$1,050.00	<del>\$1,078.52</del> \$1,099.45
8" Turbo	<del>5-35002001-3500</del>	<del>\$1,802.50</del> \$1,837.50	<del>\$1,860.34</del> \$1,896.45
10" Turbine	<del>3500-55006-5500</del>	<del>\$2,163.00</del> \$2,205.00	<del>\$2,229.60</del> \$2,272.90
2" Magnetic Meter	161-280	\$160.15 \$163.30	\$211.66 \$215.85
4" Magnetic Meter	751-1000	\$640.15 \$652.60	\$693.41 \$706.90
6" Magnetic Meter	1601-2000	\$1,440.45 \$1,468.45	\$1,508.29 \$1,537.60
8" Magnetic Meter	2001-3500	\$2,561.60 \$2,611.35	\$2,643.74 \$2,695.40
6" Propeller	1001-1450	\$695.25 \$708.75	
8" Propeller	1451-1600	\$927.00 \$945.00	
10" Propeller	1601-2000	\$1,236.00 \$1,260.00	
12" or 14" Propeller	2001-3500	\$1,738.15 \$1,771.90	
16", 18", or 20" Propeller	3501-5500	\$2,935.50 \$2,992.50	
Construction Meters		\$951.15	
3 Main Line	-	\$133.05	
4 Main Line	-	\$266.45	
6 Main Line	-	\$499.40	
8 Main Line	-	\$599.40	
10 Main Line	-	\$798.85	

<sup>1</sup> Potable residential and landscape customers that have 12 calendar months of billing history and stay within the low volume tier for 9 of those 12 months will receive a \$2.00 leaseback credit on the water service charge.

## Service Charges – Private Fire Protection Service

### 1. Service-Line Charge

FIRELINE CHARGES BY SERVICE AREA		
Rate Area	Monthly Service Charge	Commodity Charge
All <del>Else</del> Others	\$13.60/per diameter inch	NA
Former Los Alisos	\$9.50/per diameter inch	\$2.394/ccf
Former Santiago County Water District Rate Area	1"-1½" \$9.40	NA
	Others \$13.60/per diameter inch	

### 2. Fire Hydrant Charge

The monthly charge for private fire hydrant service shall be \$23.70 per hydrant. This charge includes water used for fire extinguishing purposes.

### 3. Fire Flow Testing

The District will charge a one-time fee of \$250.00 to administer fire flow tests.

## Commodity Charges: Potable Water

### Irvine Ranch Rate Area

#### 1. Commodity Charge for Residential Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.11</del> <del>\$0.88</del>	0-40
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	41-100
Inefficient	<del>\$3.92</del> <del>\$3.91</del>	101-130
Excessive	<del>\$6.22</del>	<del>131-160</del>
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>161-131+</del>

#### 2. Commodity Charge for Residential Condo Attached/Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.11</del> <del>\$0.88</del>	0-40
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	41-100
Inefficient	<del>\$3.92</del> <del>\$3.91</del>	101-130
Excessive	<del>\$6.22</del>	<del>131-160</del>
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>161-131+</del>

#### 3. Commodity Charge for Apartments (Base allocation x number of dwelling units)

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.11</del> <del>\$0.88</del>	<del>0-40</del> <u>60</u>
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	<del>41-100</del> <u>61-100</u>
Inefficient	<del>\$3.92</del> <del>\$3.91</del>	<del>101-130</del> <u>120</u>
Excessive	<del>\$6.22</del>	<del>131-160</del>
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>161-121+</del>

#### 4. Commodity Charge for Commercial, Industrial, Public Authority and Non-residential Mixed Usage

Tier	Rate/ccf	Percent of Allocation
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	0-100
Inefficient	<del>\$3.91</del>	<del>101-110</del>
Excessive	<del>\$6.22</del>	<del>111-120</del>
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>121-101+</del>

## Irvine Ranch Rate Area (Continued)

### 5. Commodity Charge for Potable Landscape Irrigation

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.11</del> <del>\$0.88</del>	0- <del>40</del> 60
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	<del>41</del> 61-100
Inefficient	<del>\$3.92</del> <del>\$3.94</del>	101- <del>110</del> 160
<del>Excessive</del>	<del>\$6.22</del>	<del>111</del> -120
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>121</del> 161+

### ~~6. Charge for Non-Conforming Uses~~

<del>*Non-Conforming Use</del>	<del>Rate/ccf</del>
<del>Base Rate</del>	<del>\$6.22</del>

~~\* The non-conforming use charge shall be applied, as defined in IRWD's "Rules and Regulations", in addition to the applicable commodity charge.~~

## Los Alisos Rate Area

### 7. Commodity Charge for Residential Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.64</del> <del>\$1.54</del>	0-40
Base Rate	<del>\$2.39</del> <del>\$2.34</del>	41-100
Inefficient	<del>\$3.60</del> <del>\$3.94</del>	101-130
<del>Excessive</del>	<del>\$6.22</del>	<del>131</del> -160
Wasteful	<del>\$15.20</del> <del>\$12.60</del>	<del>161</del> 131+

### 8. Commodity Charge for Residential Condo Attached/Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.64</del> <del>\$1.54</del>	0-40
Base Rate	<del>\$2.39</del> <del>\$2.34</del>	41-100
Inefficient	<del>\$3.60</del> <del>\$3.94</del>	101-130
<del>Excessive</del>	<del>\$6.22</del>	<del>131</del> -160
Wasteful	<del>\$15.20</del> <del>\$12.60</del>	<del>161</del> 131+

### 9. Commodity Charge for Apartments (Base allocation x number of dwelling units)

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.64</del> <del>\$1.54</del>	0- <del>40</del> 60
Base Rate	<del>\$2.39</del> <del>\$2.34</del>	<del>41</del> 61-100
Inefficient	<del>\$3.60</del> <del>\$3.94</del>	101- <del>130</del> 120
<del>Excessive</del>	<del>\$6.22</del>	<del>131</del> -160
Wasteful	<del>\$15.20</del> <del>\$12.60</del>	<del>161</del> 121+

## Los Alisos Rate Area (Continued)

### 10. Commodity Charge for Commercial, Industrial, Public Authority and Non-residential Mixed Usage

<b>Tier</b>	<b>Rate/ccf</b>	<b>Percent of Allocation</b>
Base Rate	<del>\$2.39</del> <del>\$2.34</del>	0-100
Inefficient	<del>\$3.94</del>	<del>101-110</del>
Excessive	<del>\$6.22</del>	<del>111-120</del>
Wasteful	<del>\$15.20</del> <del>\$12.60</del>	<del>121-101+</del>

### 11. Commodity Charge for Potable Landscape Irrigation

<b>Tier</b>	<b>Rate/ccf</b>	<b>Percent of Allocation</b>
Low Volume	<del>\$1.64</del> <del>\$1.54</del>	<del>0-40</del> <del>60</del>
Base Rate	<del>\$2.39</del> <del>\$2.34</del>	<del>41</del> <del>61-100</del>
Inefficient	<del>\$3.60</del> <del>\$3.94</del>	<del>101-110</del> <del>160</del>
Excessive	<del>\$6.22</del>	<del>111-120</del>
Wasteful	<del>\$15.20</del> <del>\$12.60</del>	<del>121-161+</del>

### ~~12. Charge for Non-Conforming Uses~~

#### ~~\*Non-Conforming Use~~ Rate/ccf

~~Base Rate~~ ~~\$6.22~~

~~\*The non-conforming use charge shall be applied, as defined in IRWD's "Rules and Regulations", in addition to the applicable commodity charge.~~

## Orange Park Rate Area

### ~~13. Commodity Charge~~

<del>3/4" Meter Size</del>	<del>Rate/ccf</del>	<del>Allocation/Tier</del>
<del>Standard Tier I</del>	<del>\$1.86</del>	<del>0-10 ccf</del>
<del>Excess Tier II</del>	<del>\$2.20</del>	<del>11-40 ccf</del>
<del>Excess Tier III</del>	<del>\$2.75</del>	<del>41+ ccf</del>

## Commodity Charges: Potable Water System - Agricultural

Water supplied under this section shall be used only for the growing or raising, in conformity with recognized practices of husbandry, for the purposes of commerce, trade, or industry, of agricultural, or floricultural products, and produced (1) for human consumption or for the market, or (2) for the feeding of fowl or livestock produced for human consumption or for the market, such products to be grown or raised on parcels of land having an area of not less than five acres utilized exclusively there for.

1. Commodity Charge:

<b>Area</b>	<b>Rate/ccf</b>	<b>Per Acre Foot</b>
Irvine Ranch Rate Area	\$ <u>4.621.96</u>	<u>\$853.15</u> <u>705.70</u>
Los Alisos Rate Area	\$ <u>2.682.77</u>	<u>\$1,207.85</u> <u>\$1,167.40</u>

## Commodity Charges: Nonpotable Water System - Agricultural

### 1. Commodity Charge

The commodity charge for nonpotable water used for agricultural purposes shall be:

Area	Rate/ccf	Per Acre Foot
IRWD rate area	\$ <del>4.24</del> <u>1.50</u>	\$ <del>527.40</del> <u>655.00</u>

Non-potable water used for lake filler:

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.08</del> <u>\$0.79</u>	0-40
Base Rate	<del>\$1.37</del> <u>\$1.49</u>	41-100
Inefficient	<del>\$1.52</del> <u>\$2.56</u>	101- <del>110</del> <u>130</u>
<del>Excessive</del>	<del>\$5.17</del>	<del>111-120</del>
Wasteful	<del>\$5.79</del> <u>\$11.47</u>	<del>121-131</del> <u>+</u>

Source	Rate/ccf	Per Acre Foot
Recycled	\$ <del>4.19</del> <u>1.37</u>	\$ <del>518.40</del> <u>596.75</u>

### 2. Santiago ~~a~~Aqueduct Commission (SAC) Water

The commodity charge for nonpotable SAC water used for agricultural and non-agricultural (landscape irrigation, commercial and grading) purposes shall be:

Area	Rate/ccf	Per Acre Foot
Agricultural	<del>\$1.72</del> <u>\$1.66</u>	<del>\$748.13</del> <u>\$723.10</u>
Non-Agricultural	<del>\$1.63</del> <u>\$1.58</u>	<del>\$712.06</del> <u>\$688.25</u>

### 3. Surcharge

The District reserves the right to impose, based upon relevant factors, a surcharge to the basic commodity rate for nonpotable agricultural irrigation water.

## Commodity Charges: Nonpotable (Untreated) Water System- Landscape Irrigation

### 1. Commodity Charge

The commodity charge for nonpotable water used for landscape irrigation (other than SAC water):

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.08</del> <del>\$0.79</del>	0-40
Base Rate	<del>\$1.37</del> <del>\$1.19</del>	41-100
Inefficient	<del>\$1.52</del> <del>\$2.56</del>	101- <del>110</del> 130
<del>Excessive</del>	<del>\$5.17</del>	<del>111-120</del>
Wasteful	<del>\$5.79</del> <del>\$11.47</del>	<del>121</del> 131+

## Commodity Charges: Recycled Water System Non-Agricultural Landscape Irrigation

### 1. Commodity Charge

Commodity charge for recycled water used for landscape irrigation:

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.08</del> <del>\$0.79</del>	0-40
Base Rate	<del>\$1.37</del> <del>\$1.49</del>	41-100
Inefficient	<del>\$1.52</del> <del>\$2.56</del>	101- <del>110</del> 130
<del>Excessive</del>	<del>\$5.17</del>	<del>111-120</del>
Wasteful	<del>\$5.79</del> <del>\$11.47</del>	<del>121</del> 131+

### 2. Recycled Loan Customers

The commodity charge for recycled loan customers:

Tier	Rate/ccf	Percent of Allocation
Low Volume	<del>\$1.11</del> <del>\$0.88</del>	0-40
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	41-100
Inefficient	<del>\$3.92</del> <del>\$3.94</del>	101- <del>110</del> 130
<del>Excessive</del>	<del>\$6.22</del>	<del>111-120</del>
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>121</del> 131+

## Commodity Charges: Recycled Water System - Commercial/Industrial

### 1. Commodity Charge for Commercial and Industrial

Tier	Rate/ccf	Percent of Allocation
Base Rate	<del>\$0.97</del> <del>\$0.80</del>	0-100
Inefficient	\$ 2.35	101-110
Excessive	\$ 3.73	111-120
Wasteful	<del>\$5.79</del> <del>\$7.56</del>	<del>121</del> 101+

### 2. Commodity Charge for Commercial and Industrial Loan Customers

Tier	Rate/ccf	Percent of Allocation
Base Rate	<del>\$1.62</del> <del>\$1.34</del>	0-100
Inefficient	\$ 3.94	101-110
Excessive	\$ 6.22	111-120
Wasteful	<del>\$14.53</del> <del>\$12.60</del>	<del>121</del> 101+

# Allocations and Variances

## 1. Base Allocations for Commodity Charges

Monthly allocation includes a fixed component for indoor usage and a variable component based on evapotranspiration (ET) rate for landscape irrigation.

Account Type	Base Allocation Number of Residents	Landscape Area (LA)	Base Allocation Indoor	Base Allocation Outdoor	Total Allocation
Residential Detached	4	1300 sq. ft (0.03 acres)	# Residents x 50 gpd	ET x Kc x 1.40-18 x LA	(Indoor x # days in bill service period) + Outdoor
Residential <b>Condo Attached/ Detached*</b>	3	435 sq. ft (0.01 acres)	# Residents x 50 gpd	ET x Kc x 1.40-18 x LA	(Indoor x # days in bill service period) + Outdoor
Apartments*	2	N/A	# Residents x 50 gpd		Indoor x # days in bill service period
<u>Potable Irrigation</u>		Site specific based on irrigated acreage	N/A	ET x Kc x 1.40-18 x LA	Outdoor based on bill service period
<u>Recycled Irrigation</u>		<u>Site specific based on irrigated acreage</u>	<u>N/A</u>	<u>ET x Kc x 1.40 x LA</u>	<u>Outdoor based on bill service period</u>
Commercial, Industrial, Institutional			Site specific, based on productivity, employees, water use efficiency practices etc.	Site specific, based on irrigation needs	Site specific, adjusted for # days in bill service period

\*For master-metered apartments and condominiums, the base allocation is multiplied by the number of dwelling units.

**gpd** = gallons per day

**CCF** = 100 cubic feet. 1 CCF = 1 billing unit = 748 gallons

**ET** (evapotranspiration) – from IRWD weather stations located in coastal, central or foothill zones

**Kc** (crop co-efficient) – relative amount of water ~~warm-season turf~~drought tolerant plants needs at various times of the year. Crop-coefficient of 0.5 for drought tolerant plants is applied for potable irrigation, and a crop co-efficient averaging 0.65 for warm-season turf is applied to recycled water irrigation.

1.40 or 1.18 irrigation system efficiency – extra water to make up for inefficiencies in the irrigation system. An irrigation efficiency of 85% is applied to potable water and 71% to recycled water. In the formula this is calculated as = 1/ 0.85 = 1.18 is applied to potable customers and 1/0.71 = 1.4 is applied to recycled water.

~~1.40 irrigation system efficiency—extra water to make up for inefficiencies in the irrigation system~~

**LA** = landscape acreage. Assumes that 100% of the landscape is warm-season turf-grass

## 2. Variances from Ascending Tiered Rate Allocations

Water allocations are based on the number of residents, landscape square footage and actual daily weather and evapotranspiration (ET) data for each of three microclimates within the District rate area. Variances are available for larger than normal landscaped areas, more people living in the home or special medical needs.

### Procedure

See IRWD Rules and Regulations, Section 12.6

### 3. Grounds for Variance

Proof acceptable to the District will be required for each ground(s) of variance.

#### **a. Number of people residing in a residential dwelling unit.**

Each additional person increases the base by 1.6 ccf/month (indoor usage factor x 0.8)

#### **b. Landscape**

Increased allocations shall be given for residential lot size beyond the standard base allocation lot size. It is the obligation of the customer to provide to the District acceptable documentation of the actual irrigated landscape area served.

#### **c. Medical Needs**

- Approval is contingent upon medical documentation.
- Increased allocation will be determined on a case by case basis and based on the type of medical need.

#### **d. Licensed Care Facilities (in a residential dwelling unit)**

- A current license from appropriate regulatory agency will be required.
- A licensed 24-hour care facility will be allocated increases based on the additional people per dwelling unit formula at 1.6 ccf per month per additional person.
- A licensed day care facility (not 24-hour) will be granted one ccf per additional person of the licensed 24-hour care facility.
- Additional allocation for medical reasons will be determined on a case by case basis.

#### **e. Fire Control Zones**

- Adjustments to allocations will be determined by the District based upon relevant factors such as area, slope, planting material, etc.

#### **f. Commercial/Industrial/Public Authority**

- Adjustments to the base allocation will be determined on a case by case basis. Relevant factors will include expansion of productive capacity, existing conservation practices that can be shown to have reduced water usage, severe economic hardship, etc.

#### **g. New Account Establishment Variance**

Landscape Accounts - will be placed on conservation base rate for the first six months.

Commercial and Industrial Accounts - will be placed on conservation base rate for the first six months.

### 4. Limitations

**a.** An approved variance will become effective on the date the request for variance is submitted to the District, but must be submitted within thirty (30) days of receipt of the bill.

**b.** Approvals are valid for a period specified by the District (one year or less), and must be resubmitted on or before the expiration date to remain in effect.

## 5. Effect of Increased Allocations

### a. Residential:

Approved variances will extend each tier of the residential structure by a percentage.

### b. Non-Residential:

Approved variances will extend each tier of the non-residential structure by a given percentage (or other method) determined on a case by case basis.

## Pumping Surcharges

### 1. Potable Water Pumping Surcharges

A surcharge will be added to the commodity rate of those users who reside at higher elevations and cause the District to incur additional pumping costs to supply their water. The surcharge is based upon prevailing energy costs.

<b>Zone Name</b>	<b>Surcharge/ccf</b>
Zone 4	\$ <u>0.170.09</u>
Coast Zone 4	\$ <u>0.160.22</u>
Zone 6	\$ <u>0.180.23</u>
Zone 6A	\$ <u>0.250.33</u>
Coast Zone 6	\$ <u>0.290.34</u>
Zone 7	\$ <u>0.420.47</u>
Zone 8	\$ <u>0.280.37</u>
Zone 9	\$ <u>0.320.44</u>
<del>Lake Forest</del> Les Alises Zone 3	\$ <u>0.180.23</u>

### 2. Recycled Water Pumping Surcharges

A surcharge will be added to the commodity rate of those users who reside at higher elevations and cause the District to incur additional pumping costs to supply their water. The surcharge is based upon prevailing energy costs.

<b>Zone Name</b>	<b>Surcharge/ccf</b>
Zone D	\$ <u>0.160.21</u>
Zone D (Quail Hill Zone B)	\$ <u>0.160.21</u>
Zone G	\$ <u>0.290.28</u>
Zone H	\$ <u>0.420.40</u>

## Temporary Water Service Connection

### 1. Monthly Service Charge

See Chart C on page 4.

### 2. Commodity Charge

Wherever feasible, recycled water shall be used for temporary construction uses. The Commodity Charge shall be as follows:

Irvine Ranch Rate Area – Potable	\$ <del>1.882.27</del> /ccf
Recycled – All rate areas	\$ <del>1.691.37</del> /ccf
<del>Former Orange Park Acres Rate Area – Potable</del>	<del>\$ 1.95/ccf</del>
Los Alisos Rate Area– Potable	\$ <del>2.743.28</del> /ccf

### 3. Meter Deposit

A deposit equal to the replacement cost of the construction meter shall be collected at the time of service application. For FY ~~2014-15~~2015-16, this is estimated to be \$1,025.00. The deposit will be applied to the closing bill and any remaining amount refunded to the customer. Lost meters will result in forfeiture of deposit.

### 4. Materials for Repairing Damaged Construction Meters

	<b>Cost</b>
Eddy Valve (2")	\$ 200.00
Eddy Valve (3")	\$ 380.00
Meter, complete	\$ 1,012.00
Swivel Adapter	\$ 158.00
Register	\$ 113.00
Male Fitting	\$ 95.00
Female Attachment	\$ 158.00
Lock & Chain	\$ 30.00
Chain (per five-foot length)	\$ 11.00
Lock	\$ 15.00
Handle (main case)	\$ 323.00
Hydrant Collar	\$ 100.00
Rotor	\$ 94.00
Rotor Cap	\$ 27.00
Collar (with barrel lock)	\$ 106.00
Barrel Lock	\$ 6.00

Stores Clearing	40% of total parts billed
Labor & Overhead	\$ 120.00
Meter Body only	\$ 323.00
Meters	At cost

(1) Santiago rates migrating to IRWD rates

## New Account Fees for Water Service

This section is applicable to all requests for new or transferred service.

### 1. Charges

A fee of ~~\$2025.00~~ shall be collected to establish a new account for water and sewer service, or to transfer an existing account to a new location. ~~July 2014, we increased the establishment fee from \$17.00 to \$20.00. We are now proposing another increase between \$22.00 and \$25.00.~~

### 2. Residential Deposit

For residential customers, a deposit of \$50.00 may be required until a one year payment history is established.

### 3. Non-Residential Deposit

A deposit of \$100.00 is required until a one year payment history is established.

## Delinquency, Returned Check and Service Restoration Charges

### 1. Delinquency Charges

All bills and charges for water, sewer and recycled water service shall be due and payable upon presentation and shall become delinquent twenty-five (25) calendar days thereafter. If payment is not made within twenty-five (25) calendar days after presentation, a late charge will be levied upon the unpaid balance as follows:

For residential and non-residential accounts with an unpaid balance of \$10 or more, a one-time charge of 10% of the unpaid balance plus 1.5% interest will be assessed, and each month thereafter the unpaid balance will be subject to an interest charge of 1.5%.

### 2. Non-Sufficient Funds Checks

A \$20.00 service fee will be charged for each check returned from the bank for non-sufficient funds.

### 3. Service Restoration Charges

(a) When service is discontinued because of delinquency in payment of a water, sewer, or recycled water bill, the service shall not be restored until all delinquent charges, late charges and interest charges, and a trip charge as specified in (b)(1) or (2), below, have been paid.

(b) When service is discontinued for any reason, including violation of the Rules and Regulations, service shall not be restored until a trip charge as specified in (1) or (2) below has been paid.

- (1) **Trip Charge During Normal Working Hours:** The trip charge applicable for work requested to be performed during normal working hours of the District will be \$70.00.
- (2) **Trip Charge After Normal Working Hours:** The trip charge applicable for work requested to be performed after normal working hours of the District will be \$95.00.

Section

2

**Wastewater Sewage System Charges**

**2.1 Monthly Wastewater Sewage Service Charges**

**Residential**

**(a) Single Family and Multi-family Dwelling Units**

AVERAGE MONTHLY WATER USE<sup>1,2,3</sup>

SERVICE CHARGE PER MONTH

Over 1000 cubic feet  
(10 ccf)

• 100% rate = \$ ~~20.50~~24.05 per unit

501-1000 cubic feet  
(5.01-10.0 ccf)

• 90% rate = \$ ~~18.45~~21.85 per unit

0-500 cubic feet  
(0-5.0 ccf)

• 75% rate = \$ ~~15.40~~18.55 per unit

(1) Monthly service charge based upon average of the actual lowest three water meter readings during the twelve month period ending December 31.

(2) To qualify for the reduced rates a customer must have usage history for a full calendar year.

(3) No credit will be granted for vacancies resulting from the normal turnover of occupants in an existing multiple dwelling unit. The price structure contained herein includes considerations of average vacancy rates.

(4) A newly constructed multiple dwelling unit may be billed at the non-residential metered rate, with appropriate allowance for landscape irrigation, until the structure is substantially occupied.

~~(b) Single or Multiple Family Dwelling Units~~ Collection Service

SERVICE CHARGE PER MONTH

~~(1) Portola Hills/Trabuco Canyon~~

~~• \$ 20.50 per unit~~

~~(2) Collection charge in Newport Coast (assumes 10.0 ccf)~~

• \$ ~~7.20~~85 per unit

**~~Non-RESIDENTIAL - CLASS II~~ Residential**

Quantity charges are based on the supposition that 90 percent (90%) of non-residential water consumption returns to the sewer. Because of landscape irrigation or consumptive usage, some non-residential users may discharge substantially less of their metered water into the wastewater system. Those users may, upon request to the District, be permitted to have the amount of water being discharged into the sewer determined by means acceptable to the District. Upon request by the user and at the sole discretion of the District, an alternate service charge may be applied.

**(a)** Shall apply to all commercial, industrial and institutional users whose consumption is equal to or less than an average of 10 ccf per month<sup>1</sup>.

SERVICE AND QUANTITY CHARGE PER MONTH

• Service charge - \$ ~~20.50~~24.05  
• Quantity charge beyond 10 ccf - \$ ~~2.35~~56/ccf

(1) To qualify for this rate, a customer usage history, based upon actual water meter readings, is cannot be greater than 120 ccf in a full calendar year.

**(b)** Shall apply to all commercial, industrial and institutional users whose consumption is in excess of 10 ccf per month.

SERVICE /QUANTITY/COMMODITY CHARGE PER MONTH

• Service charge - \$ ~~20.50~~24.05  
• Quantity charge beyond 10 ccf - \$ ~~2.35~~56/ccf  
• Industrial Waste Charge - \$ ~~0.44~~5125/ccf } = \$ ~~2.46~~5

~~(c) Portola Hills customers~~

SERVICE AND QUANTITY CHARGE PER MONTH

~~• Service charge - \$20.50  
• Quantity charge beyond 10 ccf - \$2.35/ccf~~

## 2.2 Non-Residential ~~Class I~~ Wastewater Sewage

This section shall be applicable to non-residential ~~and Class I~~ customers who discharge extra-strength ~~wastewater sewage~~ into the ~~wastewater sewerage~~ collection system, or discharge or have the potential to discharge constituents subject to federal or state standards and local discharge limitations.

### ~~11. Discharge Limits~~

~~The limits in this table are local limits. Customers subject to federal categorical pretreatment standards may be required to meet more stringent limits.~~

### ~~2. Appeals to the Board of Directors~~

~~— Appeal fee — \$500~~

### ~~3. Charges and Fees~~ Alternative Service Charges

At the sole discretion of the District, users may request the application of an Alternative Service Charge for use. The Alternative Service Charge shall be based on measured quantity and quality of water being discharged to the sewer from the user's facility by a means acceptable to the District. The Alternative Service Charge for use shall be computed by the following formula:

~~— Basic Service and Quality Charge~~

~~— The Class I charge for use shall be computed by the following formula:~~

$$\text{Charge for use} = VR_v + BR_b + SR_s$$

Where V = Total volume of flow in hundred cubic feet.

B = Total discharge of biochemical oxygen demand (BOD) in pounds.

S = Total discharge of suspended solids (SS) in pounds

R<sub>v</sub> = \$ 1.~~359-479~~ per hundred cubic feet

R<sub>b</sub> = \$ 0.~~379-412~~ per pound of BOD

R<sub>s</sub> = \$ 0.~~330-359~~ per pound of SS

### ~~24. Fees for Noncompliance with Permit Conditions~~

#### **a. Minor Violation**

Condition where the limitation is less than the violation and the violation is less than the technical review criterion.

Fee per violation - \$350

**b. Significant Noncompliance or Significant Violation**

Condition where the violation is greater than the technical review criterion or qualifies under the definition of significant noncompliance.

Fee per violation - \$550

**c. Batch Dump or Slug Load**

Fee per violation - \$550

**d. Probation Orders**

Enforcement Compliance Schedule Agreements and subsequent two year probation, and Regulatory Compliance Schedule Agreements.

Fee per violation - \$550

**[e. Appeals to the Board of Directors](#)**

Appeal fee - \$500

**[3.e.](#) Fats, Oils, and Grease (FOG) Control Programs Fees**

**FOG Binder:**

The FOG Program Binder must be available during an inspection. Failure to locate the binder during an inspection, whether misplaced or lost, will trigger the issuance of a new FOG Binder. The \$50.00 replacement cost will be billed to the Food Service Establishment (FSE) at the time of replacement.

**Permitting Fees:**

A FOG Wastewater Discharge Permit of two-year duration is \$200.00.

**Service Call and Follow Up Inspection Fees:**

The General Non-Compliance Fee for District follow-up activities due to permit, ordinance, or regulatory non-compliance is \$100.00 per event.

**Significant Non-Compliance Fees:**

A condition where the violation continues after 45 days of notification to the FSE, the fee is \$550.00 per violation and \$550.00 every 45 days thereafter.

|

Special Purpose Discharges

#### 4. Special Purpose Discharger Service Charges

Special Purpose Discharge Service Fees shall be applicable to those customers who have been required by the District to obtain a Special Purpose Discharge Permit issued jointly by the District and Orange County Sanitation District (OCSD). ~~This section shall be applicable to those customers who have been required by the District to obtain a Special Purpose Discharge Permit.~~ Sewage service charges will be based on reported and verified monthly flow to sewer.

#### Sewage Service Charges:

Flow Service Charge: up to \$1,347.15 per Million Gallons

#### 5. Discharge Limits

The limits in this table are local limits. Customers subject to federal categorical pretreatment standards may be required to meet more stringent limits.

<u>Constituent</u>	<u>Concentration Limit in mg/L</u>
<u>Arsenic</u>	<u>2.00</u>
<u>Cadmium</u>	<u>1.00</u>
<u>Chromium</u>	<u>2.00</u>
<u>Copper</u>	<u>3.00</u>
<u>Lead</u>	<u>2.00</u>
<u>Mercury</u>	<u>0.03</u>
<u>Nickel</u>	<u>10.00</u>
<u>Silver</u>	<u>5.00</u>
<u>Zinc</u>	<u>10.00</u>
<u>Cyanide (Total)</u>	<u>5.00</u>
<u>Cyanide (Amenable)</u>	<u>1.00</u>
<u>Polychlorinated Biphenyls</u>	<u>0.01</u>
<u>Pesticides</u>	<u>0.01</u>
<u>Total Toxic Organics</u>	<u>0.58</u>
<u>Sulfide (Total)</u>	<u>5.00</u>
<u>Sulfide (Dissolved)</u>	<u>0.50</u>
<u>Oil and grease of mineral or petroleum origin</u>	<u>100.00</u>

# Section 3

## Developer Services

### Water Connection Fees

#### Residential

	<u>IMPROVEMENT DISTRICT</u>	<u>0-5.8 DUs/acre</u>	<u>5.9-10.8 DUs/acre</u>	<u>10.9-25.8 DUs/acre</u>	<u>25.9-40.0 DUs/acre</u>
Connection Fees Per Dwelling Unit	101*	\$3,557	\$3,138	\$2,658	\$2,245
	112	\$1,330	\$1,330	\$1,330	\$1,330
	113	\$2,472	\$2,472	\$2,472	\$2,472
development shall be gross	125	\$2,538	\$2,538	\$2,538	\$2,538
acres excluding private parks.	153	\$1,864	\$1,864	\$1,864	\$1,864
	153 PA 30	\$3,482	\$3,482	\$3,482	\$3,482
	185	\$1,580	\$1,580	\$1,580	\$1,580
	188	\$1,421	\$1,421	\$1,421	\$1,421
	All others*				

#### Commercial, Industrial and Public Authority – Office Building

	<u>IMPROVEMENT DISTRICT</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Public Authority</u>
Connection Fees Per Gross Acre	101*	\$19,738	\$30,062	\$19,738
	112	\$8,645	\$8,645	\$8,645
	113	\$18,052	\$0	\$9,026
	125	\$12,586	\$17,867	\$12,586
	153	\$9,793	\$13,901	\$9,793
	PA 30	\$17,280	\$24,530	\$17,280
	185	\$7,381	\$7,381	\$7,381
	188	\$5,608	\$5,608	\$5,608
	All others*			

#### Parks, Churches and Commercial Recreational Facilities

	<u>IMPROVEMENT DISTRICT</u>	<u>Indoor Water Use</u>	<u>Outdoor<sup>(1)</sup> Water Use</u>
Connection Fees Per Fixture Unit	101*	\$61.82	\$217.53
(1) As calculated per UPC as revised.	125	\$41.83	\$146.62
	153	\$32.59	\$114.23
	PA 30	\$57.47	\$201.44
	185	\$42.46	\$149.13
	188	\$28.02	\$98.58
	All others*		

\*Connection fees will be set by the Board of Directors upon request for initial service for each such improvement district.

#### Schools (Public and Private)

	<u>IMPROVEMENT DISTRICT</u>	<u>Primary &amp; Intermediate</u>	<u>Secondary</u>	<u>Primary Intermediate &amp; Secondary</u>
Connection Fees Per	101*	\$4,871	\$6,533	\$209
100 Students Average Daily Attendance	125	\$3,290	\$4,417	\$147
	153	\$2,563	\$3,441	\$115
<sup>(2)</sup> Minimum required	PA 30	\$4,520	\$6,069	\$202
	185	\$3,203	\$4,490	\$144
	188	\$2,563	\$3,429	\$109

All others\*

\*Connection fees will be set by the Board of Directors upon request for initial service for each such improvement district.

### High Volume User – Commercial and Industrial

This section shall apply to all non-residential applicants in addition to standard connection fees in all improvement districts.

Connection Fee Formula	Additional High Volume Water User Connection Fee =	
	$\frac{[\text{Est. GPD use} - (\text{no. acres} \times \text{use factor}^*)] \times \$1,111,657/\text{cfs}}{646,320 \text{ gal/day/cfs}}$	
*Non-Residential Water Use Factor	<u>Land Use Category</u>	<u>Water Use Factors (Gal/Acre/Day)</u>
	Commercial	2,000.00
	Industrial	4,000.00
	UCI	Special Contract
Definitions	<u>Commercial</u> : Commercial development including retail and offices <u>Industrial</u> : Industrial development including manufacturing, research and development, and distributorships	

## Service Installations by District

Customers may request the District to install, relocate or abandon domestic water, recycled water and fire protection service lines. To request an action listed above, the customer must submit a Quote Request Form for Service or Meter Modifications which can be obtained by contacting the District's Development Services. District staff will prepare a cost estimate for the requestor. When payment is received, a work order will be issued to District staff to begin coordination and installation.

The District reserves the right to decline a customer's request for service installations by District for any reason. In the event the District declines to perform service installations, the requester will need to submit design plans for review and approval through the District's Development Services. For further information, see the District's Development Services Procedural Guidelines and General Design Requirements document which can be found at [www.irwd.com](http://www.irwd.com).

The District will not install sewer laterals. [KLB1]

[KLB2]

## Meter Installations by District

Customers may request the District to install or replace (downsize or upsize) domestic water or recycled water meters. To request an action listed above, the customer must submit a Quote Request Form for Service or Meter Modifications which can be obtained by contacting the District's Development Services. District staff will prepare a cost estimate for the requestor. When payment is received, a work order will be issued to District staff to begin coordination and installation. Meter installation and replacement charges are as follows:

<u>Meter size</u>	<u>Cost*</u>	<u>Meter size</u>	<u>Cost*</u>
<u>5/8" x 3/4" **</u>	<u>\$130.00**</u>	<u>2" Disc</u>	<u>\$ 750.00</u>
<u>3/4"</u>	<u>\$200.00</u>	<u>2" Turbo</u>	<u>\$1,300.00</u>
<u>1"</u>	<u>\$250.00***</u>	<u>3" Turbo</u>	<u>\$1,500.00</u>
<u>1-1/2"</u>	<u>\$450.00</u>	<u>4" Turbo</u>	<u>\$2,800.00</u>

\* Prices shown are for standard meter installations only and do not include services, angle stops, meter boxes, meter box covers, vaults or meter box lids. Additional costs may apply. The customer will be responsible for any plumbing modifications downstream of the water meter.

\*\* Developer installed-Residential only.

\*\*\* When a customer requests a meter to be upsized from 5/8" x 3/4" to 1", additional parts and labor will be required to make the conversion. The cost for District staff to perform this work is \$2,000.00 and will be collected along with the standard 1" meter cost.

Costs for larger meters will be determined at the time of request from Purchasing Dept. Cost of meter includes the strainer if not already built-in to the meter.

### Upsizing and Downsizing of Meter

1. It is the customer's responsibility to make sure that any upsizing or downsizing of the meter will not have any adverse effects to the customer's system as it relates to water pressure, fire protection or ability to successfully serve the demand of the home or business. The District may require OCFa approval of any modifications and/or a signed waiver form provided by the customer.
2. Any private-side (downstream of the water meter) modifications or repairs are the sole responsibility of the customer.
3. If for whatever reason the customer chooses to change back to their original sized meter, all installation costs would once again apply.

A Quote Request Form for Service or Meter Modifications can be obtained at the District's Development Services Counter.

## Plan Check and Inspection Fees

Plan check and inspection fees for water systems shall be calculated as 8% of the bondable cost for the off-site, public, potable or recycled water system or a fixed fee as described below:

<u>1. Installation of a 1" or 2" service</u>	<u>\$400.00</u>
<u>2. Removal of a 1" or 2" service</u>	<u>\$400.00</u>
<u>3. Installation of a 4" or larger service</u>	<u>\$700.00</u>
<u>4. Installation or replacement of Fire DDCA</u>	<u>\$500.00</u>

A non-refundable deposit of 5% of the estimated cost of the public potable or recycled water system is required with the submittal of the first plan check to cover the costs of plan checking. The total fee is due and payable prior to final plan approval.

## Interim Water Service Charge – New Developments

A one-time charge of \$35.10 per connection to each pad in a new tract and/or development will be made to builders and developers for unmetered water service available for that period of time after in-tract lines have been connected to the District's water system until the new customer begins metered water service.

Unmetered water service is not permitted for custom lots. Developers for custom lots will be required to apply for a domestic water construction meter prior to starting construction.

### Service Installations by District

- ~~1. The District may install individual domestic or fire services upon request. The cost for each service will be based on an estimate prepared by District personnel. The requestor will provide a written request accompanied by a drawing to show the location of the proposed service. The District will provide an estimate to the requestor and when the check is received from the requestor the work order will be forwarded to the District crews for installation and coordination.~~

~~Meter installation charges are as follows: (customer provides the service and the meter box)~~

<del>Meter size</del>	<del>Cost</del>
<del>5/8" x 3/4"</del>	<del>\$130.00*</del>
<del>3/4"</del>	<del>\$200.00</del>
<del>1"</del>	<del>\$250.00</del>
<del>1 1/2"</del>	<del>\$450.00</del>
<del>2" Disc</del>	<del>\$750.00</del>
<del>2" Turbo</del>	<del>\$1,300.00</del>
<del>3" Turbo</del>	<del>\$1,500.00</del>
<del>4" Turbo</del>	<del>\$2,800.00</del>

~~\*(Developer installed Residential only)~~

~~Costs for larger meters will have to be determined at the time of request from Purchasing Dept. Cost of meter includes the strainer if not already built in to the meter.~~

- ~~2. If a meter is downsized on a 2" or smaller service lateral there will be no additional charge or refund. If the meter is downsized from a 3" or larger meter, the charge will be based on the service installation charge less the salvage value of the materials recovered from the larger service. Customer will be responsible for any plumbing modifications downstream of the water meter.~~
- ~~3. If a meter is to be upsized from 5/8" X 3/4" to 1", the angle stop will need to be replaced. The cost for District staff to do this work is \$2,000.00 and will be collected along with the standard 1" meter cost. Customer will be responsible for any plumbing modifications downstream of the water meter.~~

## Plan Check and Inspection Fees

Plan check and inspection fees for water systems shall be calculated as 8% of the bondable cost for the off-site, public, potable or recycled water system or a fixed fee as described below:

<del>1. Installation of a 1" or 2" service</del>	<del>\$400.00</del>
<del>2. Removal of a 1" or 2" service</del>	<del>\$400.00</del>
<del>3. Installation of a 4" or larger service</del>	<del>\$700.00</del>
<del>4. Installation or replacement of Fire DDCA</del>	<del>\$500.00</del>

A non-refundable deposit of 5% of the estimated cost of the public potable or recycled water system is required with the submittal of the first plan check to cover the costs of plan checking. The total fee is due and payable prior to final plan approval.

**Non-Digital Submittal Surcharge**

A surcharge fee, calculated as 2% of the bondable cost for the potable or recycled water system will be charged for any plans not submitted with a digital format. The fee is due and payable prior to final approval of the plans.

**Interim Water Service Charge – New Developments**

A one-time charge of \$35.10 per connection to each pad in a new tract and/or development will be made to builders and developers for unmetered water service available for that period of time after in-tract lines have been connected to the District's water system until the new customer begins metered water service.

Unmetered water service is not permitted for custom lots. Developers for custom lots will be required to apply for a domestic water construction meter prior to starting construction.

# Sewer Connection Fees

## Residential

	IMPROVEMENT DISTRICT	0-5.8 DUs/acre	5.9-10.8 Dus/acre	10.9-25.8 Dus/acre	25.9-40.0 Dus/acre
Connection Fees Per Dwelling Unit	1 (201)*	\$6,316	\$5,621	\$4,626	\$3,650
	212	\$3,470	\$3,470	\$3,470	\$3,470
	213	\$4,324	\$4,324	\$4,324	\$4,324
Total acreage for any given development shall be gross acres excluding private parks.	240	\$3,484	\$3,484	\$3,484	\$3,484
	225	\$2,741	\$2,741	\$2,741	\$2,741
	253	\$2,166	\$2,166	\$2,166	\$2,166
Parks.	253 PA 30	\$3,635	\$3,635	\$3,635	\$3,635
	256	\$24,868	\$24,868	\$24,868	\$24,868
	285	\$2,820	\$2,820	\$2,820	\$2,820
	288	\$2,436	\$2,436	\$2,436	\$2,436
	OPA1 (Ridgeline)	\$4,263	\$4,263	\$4,263	\$4,263
	All others*				

## Commercial, Industrial and Public Authority – Office Building

	IMPROVEMENT DISTRICT	Commercial	Industrial	Public Authority
Connection Fees Per Gross Acre	1 (201)*	\$35,397	\$61,757	\$35,397
	212	\$20,728	\$20,728	\$20,728
	213	\$25,761	\$0	\$13,320
	240	\$15,913	\$0	\$15,913
	225	\$13,398	\$15,849	\$9,551
	253	\$9,941	\$16,496	\$9,941
	253 PA 30	\$16,205	\$26,890	\$16,205
	285	\$5,643	\$5,643	\$5,643
	288	\$9,616	\$9,616	\$9,616
	All others*			

## Parks, Churches and Commercial Recreational Facilities

	IMPROVEMENT DISTRICT	Fee
Connection Fees Per Fixture Unit	1 (201)*	\$391.63
	240	\$236.74
	225	\$209.99
	253	\$155.80
	253 PA 30	\$253.99
	288	\$63.81
	All others*	

\*Connection fees will be set by the Board of Directors upon request for initial service for each such improvement district.

## Schools (Public and Private)

	IMPROVEMENT DISTRICT	Primary & Intermediate	Secondary
Connection Fees Per 100 Students Average Daily Attendance	1 (201)*	\$18,557	\$24,746
	240	\$11,189	\$14,921
	225	\$9,866	\$13,155
	253	\$7,320	\$9,760
	253 PA 30	\$11,933	\$15,911
	288	\$3,072	\$4,093
	All Others*		



## Sewer Installation Charges

1. A \$100 inspection fee will be charged for sewer laterals installed by the applicant, at no cost to the District, in accordance with District approved plans. The fee is to be paid prior to the approval of the plan for the sewer lateral.
2. The plan check and inspection fee for public sewer systems will be calculated as 10% of the bondable cost for the public sewer system or a fixed fee as described above. A non-refundable deposit of 5% of the estimated cost of the sewer system is required with the submittal of the first plan check. The total fee will be due and payable prior to final approval of the plans.

### ~~Non-Digital Submittal Surcharge~~

~~A surcharge fee, calculated as 2% of the bondable cost for the public sewer system will be charged for any plans not submitted with a digital format. The fee is due and payable prior to final approval of the plans.~~

## District Closed Circuit Television Inspection Charges

### Initial TV Inspection Fee

A fee of \$.60 per linear foot as measured from the center line of manholes will be charged for all 6-inch and larger sewer lines to be inspected by a closed circuit television camera. The District will furnish the special camera equipment and manpower to fulfill this inspection requirement. This fee is to be paid along with the other connection, meter, and inspection fees prior to the District signing developer's tract utility plans.

### Reinspection

Fees for Reinspection by District TV Crew after corrective work is completed. Those portions of the pipeline system that have been corrected must be retelevised.

1. District fees for retelevising corrective work will be a flat set-up fee of two hundred fifty dollars (\$250.00) plus \$.60 per foot of sewer line reinspected measured centerline to centerline of manholes.
2. Payment for retelevising estimated inspection fees must be received by the District Engineering Inspection Division prior to scheduling the reinspection. Retelevising will not be done until the fees are paid.

### Cancellation of District's TV Inspection

If it is determined by either the Contractor or Developer that the job site will not be ready or accessible for the television inspection on the scheduled date, as notified, the Contractor shall notify the District Inspection Division of the necessary cancellation at least 24 hours in advance of the scheduled inspection to avoid being charged a cancellation fee.

1. If the District's television crew arrives at the job site and the work is not ready or accessible, the Contractor and owner will be billed for the cancellation fee of two hundred fifty dollars (\$250.00), payable to the District prior to the date of the rescheduled television inspection.
2. A rescheduled inspection is to be made through the District's project inspection division.

### Optional Developer TV Inspection

If the Contractor or Owner desires to have a portion of, or the entire job, TV inspected for his convenience, he will be charged a fee of one hundred fifty dollars (\$150.00) plus \$.60 per foot of sewer line inspected measured centerline to centerline of manholes.

Exhibit B: History of Revisions to Schedule of Rates and Charges

DATE ADOPTED	RESOLUTION	REVISION	EFFECTIVE DATE
05-23-77	1977-49	Rescind 1973-48 & 1977-42	
08-29-77	1977-71	Change in Connection Charges	09-01-77
02-27-78	1978-31	Rescind 1977-71	Discontinue Water & Sewer Service 03-01-78
07-10-78	1978-135	Rescind 1978-31	Increase 07-10-78
08-28-78	1978-154	Rescind 1978-135	Increase Connection Fees 08-28-78
01-08-79	1979-02	Rescind 1978-154	Increase Water Commodity Charges 01-08-79
06-25-79	1979-25	Rescind 1979-02	Increase Water & Sewer Charges 07-01-79
07-30-79	1979-41	Rescind 1979-25	Increase Connection Fees 07-30-79
06-23-80	1980-28	Rescind 1979-41	Increase 07-01-80
08-25-80	1980-49	Rescind 1980-28	Increase Connection Fees 08-25-80
12-22-80	1980-77	Rescind 1980-49	Increase Wastewater System Charges 01-01-81
06-15-81	1981-103	Rescind 1980-77	Increase 07-13-81
07-13-81	1981-132	Rescind 1981-103	Increase Connection Fees 07-13-81
06-28-82	1982-48	Rescind 1981-132	Increase Connection Fees & Water & Sewer Rates 07-01-82
09-27-82	1982-61	Rescind 1982-48	Delinquency Charges 10-01-82
11-22-82	1982-67	Rescind 1981-61	High-rise Connection Fees 12-01-82
06-27-83	1983-116	Rescind 1982-67	Increase 07-01-83
11-21-83	1983-137	Rescind 1983-116	Increase Dom. Water Rates & Imply. Mod. Sewer Rates 01-01-84
12-12-83	1983-132	Rescind 1983-131	High-rise Connection Fees (Sewer) 01-01-84
04-23-84	1984-13	Rescind 1983-132	Untreated & Recycled Water For Ag Use Commodity Charges Increase 06-01-84
06-25-84	1984-22	Rescind 1984-13	Decrease Water & Sewer Charges, Increase Connection Fees 07-01-84
09-10-84	1984-43	Rescind 1984-22	Change Delinquency Charge 10-01-84
01-28-85	1985-2	Rescind 1984-43	Lower Sewer Rates 02-01-85
02-25-85	1985-7	Rescind 1985-2	High Volume Connection Fee 02-25-85
03-25-85	1985-31	Rescind 1985-7	Reduce Connection Fees 03-25-85
06-24-85	1985-37	Rescind 1985-31	I.D. 103 & 3(203) Decrease Water & Sewer Chgs. Change Recycled Landscape Charge 07-01-85
12-16-85	1985-115	Rescind 1985-37	Decrease Sewer Charges 01-01-86
06-23-86	1986-28	Rescind 1985-115	Decrease Sewer Charges 07-01-86
03-23-87	1987-11	Rescind 1986-28	High Volume Connection Fees 04-01-87

Continued

DATE ADOPTED	RESOLUTION	REVISION	EFFECTIVE DATE
06-22-87	1987-27	Rescind 1987-11	Increase R-W; Nonpotable Ag
08-10-87	1987-44	Rescind 1987-27	Reduce Connection Fees I.D.'s 103,3(203), 102(120)121 & 106(160)161
09-28-87	1987-49	Rescind 1987-44	Industrial Waste Program
01-25-88	1988-18	Rescind 1987-49	Add Portola Hills Sewer Serf. Add Water Pumping Surcharge
06-27-88	1988-61	Rescind 1988-18	Reduce Monthly Sewer Charge
08-22-88	1988-66	Rescind 1988-61	Adjust Connection Fees
06-26-89	1989-38	Rescind 1988-66	Reduce Monthly Sewer Charge Reduce Recycled Landscape Increase Untreated and Recycled Ag Rates
08-28-89	1989-58	Rescind 1989-38	Adjust Connection Fees
06-26-90	1990-20	Rescind 1989-58	Reduce Monthly Sewer Charge Reduce Untreated and Recycled Ag Rates
07-23-90	1990-24	Rescind 1990-20	Adjust Connection Fees
01-28-91	1991-05	Rescind 1990-24	Eliminate High Rise and Adjust Connection Fees Add Excessive Use Surcharge
04-22-91	1991-09	Rescind 1991-05	Ascending Block Rate Structure and Request for Variance
05-28-91	1991-13	Rescind 1991-9	Commodity Rates for Landscape Customers
06-10-91	1991-19	Rescind 1991-13	Commodity Rates for Ag., Untreated Landscape, Portola Hills Sewer Rates and Coastal Recycled Rates
07-12-91	1991-37	Rescind 1991-19	Adjust Connection Fees
10-28-81	1991-46	Rescind 1991-37	Increase Ag Water Rate
04-30-92	1992-12	Rescind 1991-46	Modify Ascending Block Rate Structure
06-22-92	1992-22	Rescind 1991-13	Modify Ascending Block Rate Structure
09-28-92	1992-40	Rescind 1992-22	Adjust Connection Fees
01-25-93	1993-3	Rescind 1992-40	Landscape Irrigation Rates
03-04-93	1993-8	Rescind 1993-3	Modify Ascending Block Rate Structure
06-28-93	1993-22	Rescind 1993-8	Increase Water Rate and Reduce Monthly Sewer Charge
07-28-93	1993-26	Rescind 1993-22	Decrease Water Rates
09-13-93	1993-29	Rescind 1993-26	Adjust Connection Fees

Continued

DATE ADOPTED	RESOLUTION	REVISION	EFFECTIVE DATE	
06-13-94	1994-10	Rescind 1993-29	Increase Water Rate	07-01-94
08-08-94	1994-18	Rescind 1993-10	Adjust Connection Fees	08-08-94
08-14-95	1995-20	Rescind 1994-18	Adjust Connection Fees	08-14-95
08-28-95	1995-24	Rescind 1995-20	Adjust Pumping Surcharges	10-01-95
09-25-95	1995-27	Rescind 1995-20	Adjust Connection Fees and	09-25-95
09-25-95	1995-27	Rescind 1995-24	Adjust Pumping Surcharges	11-01-95
10-23-95	1995-31	Rescind 1995-27	Adjust Pumping Surcharges	11-01-95
11-27-95	1995-35	Rescind 1995-31	Add Monthly Sewer Service Charge - Newport Coast	12-01-95
01-08-96	1996-3	Rescind 1995-35	Adjust Connection Fees to I.D. 240	01-08-96
06-10-96	1996-19	Rescind 1996-3	Adjust Pumping Surcharges Increase Nonpotable Water Charges and Modify Ascending Block Rate Allocations	07-01-96
08-12-96	1996-27	Rescind 1996-19	Adjust Connection Fees	08-12-96
08-27-96	1996-28	Rescind 1996-27	Adjust Connection Fees to I.D.'s 140 & 240	08-27-96
09-23-96	1996-32	Rescind 1996-28	Adjust Water and Sewer Fixed Charges	09-23-96
10-14-96	1996-33	Rescind 1996-32	Adjust Sewer Service Charges for Non- Residential & Portola Hills	10-14-96
06-30-97	1997-17	Rescind 1996-33	Modify Rates and Charges and Connection Fees	06-30-97
10-01-97	1997-29	Rescind 1997-17	Modify Ascending Block Rate Structure Terminology	10-01-97
06-08-98	1998-21	Rescind 1997-29	Miscellaneous Adjustments to Schedule of Rates and Charges	07-01-98
08-24-98	1998-33	Rescind 1998-21	Adjust Connection Fees	08-24-98
06-28-99	1999-25	Rescind 1998-33	Adjustments to Schedule of Rates and Charges	07-01-99
06-26-00	2000-18	Rescind 1999-25	Adjustments to Schedule of Rates and Charges	07-01-00
07-24-00	2000-24	Rescind 2000-18	Adjustments to Schedule of Rates and Charges	07-25-00
06-25-01	2001-24	Rescind 2000-24	Adjustments to Schedule of Rates and Charges	07-01-01
06-24-02	2002-22	Rescind 2001-24	Adjustments to Schedule of Rates and Charges	07-01-02
12-09-02	2002-47	Rescind 2002-22	Adjustments to Schedule of Rates and Charges	12-09-02
03-10-03	2003-7	Rescind 2002-47	Adjustments to Schedule of Rates and Charges	03-10-03
06-23-03	2003-20	Rescind 2003-7	Adjustments to Schedule of Rates and Charges	07-01-03
09-08-03	2003-35	Rescind 2003-20	Adjustments to Schedule of Rates and Charges	09-08-03
06-28-04	2004-25	Rescind 2003-35	Adjustments to Schedule of Rates and Charges	07-01-04
07-12-04	2004-32	Rescind 2004-25	Adjustments to Schedule of Rates and Charges	07-12-04
10-11-04	2004-51	Rescind 2004-32	Adjustments to Schedule of Rates and Charges	10-11-04
06-27-05	2005-20	Rescind 2004-51	Adjustments to Schedule of Rates and Charges	07-01-05

DATE ADOPTED	RESOLUTION	REVISION	EFFECTIVE DATE	
09-26-05	2005-31	Rescind 2005-20	Adjustments to Schedule of Rates and Charges	10-10-05
10-10-05	2005-35	Rescind 2005-31	Adjustments to Schedule of Rates and Charges	10-10-05
06-26-06	2006-20	Rescind 2005-35	Adjustments to Schedule of Rates and Charges	06-27-06
07-24-06	2006-27	Rescind 2006-20	Changes to Water & Sewer Connection Fees	07-24-06
06-25-07	2007-16	Partially Modifies 2006-27	Adjustments to Schedule of Rates and Charges	06-26-07
07-16-07	2007-21	Partially Modifies 2006-27	Changes to Water & Sewer Connection Fees	07-17-07
06-23-08	2008-36	Rescind 2007-21	Adjustments to Schedule of Rates and Charges	07-01-08
07-28-08	2008-45	Partially Modifies 2008-36	Changes to Water & Sewer Connection Fees	07-29-08
06-22-09	2009-20		Adjustments to Schedule of Rates and Charges	06-23-09
07/27/09	2009-24	Partially Modifies 2009-20	Changes to Water & Sewer Connection Fees	07/28/09
06/28/10	2010-19		Adjustments to Schedule of Rates and Charges	07/01/10
07/26/10	2010-22	Partially Modifies 2010-19	Changes to Water & Sewer Connection Fees	07/27/10
02/28/11	2011-3	Partially Modifies 2010-22	Changes to Sewer Connection Fees	03/01/11
06/27/11	2011-25	Rescind 2010-19	Adjustments to Schedule of Rates and Charges	07/01/11
07/25/11	2011-33	Rescind 2011-25	Changes to Water & Sewer Connection Fees	07/26/11
06/25/12	2012-26	Rescind 2011-25	Adjustments to Schedule of Rates and Charges	07/01/12
10/08/12	2012-41	Partially Modifies 2012-26	Changes to Water & Sewer Connection Fees	10/09/12
12/10/12	2012-57		Adjust Connection Fees to IDs 112 & 212	12/11/12
06/24/13	2013-21	Rescind 2012-26	Adjustments to Schedule of Rates and Charges	07/01/13
12/16/13	2013-60	Partially Modifies 2013-21	Changes to Water & Sewer Connection Fees	01/01/14
06/23/14	2014-32		Adjustments to Schedule of Rates and Charges	07/01/14
07/14/14	2014-33	Partially Modifies 2014-32	Changes to Water & Sewer Connection Fees	07/15/14
11/10/14	2014-51		Changes to the Rules and Regulations for Water, Sewer, Recycled Water, and Natural Treatment System Service	11/11/14

Exhibit "C"

Pamela Beard Wheeler and James R. Wheeler  
1000 Bristol Street N, 17-107  
Newport Beach, CA 92660

June 1, 2015

IRWD  
P. O. Box 5149  
Irvine, CA 92616

RE: Property at 3 North Cove, Irvine, CA. Account  
number 8900200000. Meter number 67411027.

We are IRWD customers and the owners of 3 North Cove, Irvine, CA. We received a "Notice of Proposed Water and Sewer Rate Change". While we understand that there is a water shortage we believe that we are being unfairly burdened by the IRWD.

In 2013, we removed the landscaping in our yard and in May of 2014, we replaced the landscaping with desert landscaping that uses very little water. Notwithstanding a water leak that we had in the summer of 2014, we have greatly reduced our water consumption voluntarily. Now we are being told that unless we reduce further we will pay higher rates.

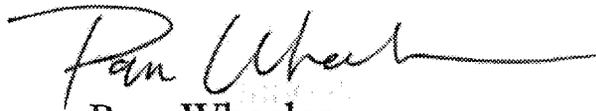
This smacks of government obtuseness. We did the right thing before anyone asked us to do that and now we are being punished with higher rates for doing it early instead of doing it now.

In addition, it has come to our attention that the IRWD believes that our yard has approximately 435 square feet of landscape. This is low by approximately four fold. Given that, even if we do not receive credit for our desert landscaping, we should have a higher starting allocation.

Please respond as soon as possible.

When responding to this letter, please use our mailing address, above, for all communication as the City of Irvine has multiple North Cove addresses.

Best regards,

  
Pam Wheeler

May 26, 2015

BOARD OF DIRECTORS  
IRWD  
PO Box 5149  
Irvine, CA 92616

Re: Proposed Fee Increases

Dear Board of Directors,

I normally do not get involved with giving feedback to proposed Water and Sewer Rate Changes. I do know you have a demanding job and it can be difficult (basically impossible) to satisfy everyone. But I thought I would give my two cents as I feel the proposed increase in rates is outrageous even given the desperate water climate we find ourselves in today.

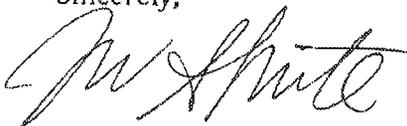
Since you are a quasi-governmental agency and have a monopoly on our water services, I was wondering if you had investigated other ways of "cutting back" besides transferring the undue burden of record rate increases on the consumer? Some ideas:

- 1) I have been to your various office and service locations and it seems as if you have excessive office and facility space and it is not being used in the most efficient manner possible. Have you considered downsizing, subleasing, or an outright sale of some your properties in order to operate more efficiently? I am also aware of some excess land near your Michelson facility that could generate substantial income via a sale to the city (for park purposes) or a private developer.
- 2) Have you reviewed how much money is spent on consultants and looked into any ways on negotiating a better rate or cutting back on all but essential items?
- 3) Have you reviewed your staffing to determine if you are overstaffed or just "top heavy" and in need of cutbacks, hiring freeze, or re-assignments?

I would appreciate your discussing some of the options above (if you have not already placed them on the table) instead of hammering the consumer with this historic rate increase.

I appreciate your service and do hope you can find ways mitigate the proposed consumer fee increases by reevaluating operations to make sure you are operating at peak efficient performance.

Sincerely,



Jim Shute, 4 Trovita, Irvine, CA 92620 (949) 262-0084

David Hsu  
19 Sarteano Drive  
Newport Beach, California 92657

May 16, 2015

Board of Directors  
Irvine Ranch Water District (IRWD)  
PO Box 5149  
Irvine, California 92616

Dear Board of Directors:

Thank you for your time in considering my letter. I understand that there are many difficult decisions to be made regarding our water resources, and I appreciate the very hard work you do to establish a fair and equitable system in light of our diminishing water supply.

I wish to bring to the Board's attention, the impact of the proposed changes for water service charges. During the last changes on July 1, 2014, IRWD changed the water service charge amongst the 5/8 x 3/4", 3/4" and 1" disc meters. Previously, these three disc meters were the same price. As my home has a 1" disc meter, my water bill increased \$8.15 which was an approximately 25% increase.

I would like to point out that the vast majority of IRWD residential customers are tract homes (such as mine) and when we purchased our homes from the builder, we had no choice in the type of water meter installed. Indeed, at the time they were installed, there was no difference in charges between the 3/4" and 1" meter sizes. In fact, I had no idea what size water meter my home contained until my water bill increased 25% and I had to investigate.

I do not believe having a larger water meter has any effect on water conservation. Per my understanding, a larger water meter allows the recipient to have increase water flow *capacity*, but does not inherently cause the recipient to use any more water compared to other meter sizes. Indeed, this is the one charge, in which a customer is entirely helpless as there is nothing a customer can do short of re-plumbing the entire home in order to match a smaller disc meter.

I would like to respectfully request the Board consider returning to the prior system where 5/8 x 3/4", 3/4" and 1" disc meters (the three most common disc meters for residential homes) are the same charge. I believe, discriminating amongst the three meter sizes, has absolutely no effect on encouraging customers to conserve water and effectively penalizes customers who had no input or choice in the meter sizes that were placed by the builders in their tract homes.

Again, I would like to thank the Board of Directors for their time and consideration. I understand you perform a thankless and overlooked service, but I certainly appreciate all that you do for us and our community.

Very Truly Yours,



David Hsu and Family

4972 Tamarack Way  
Irvine, CA 92612  
May 19, 2014

IRWD  
P. O. Box 5149  
Irvine, CA 92616

In Re: Proposed Rate Increases

I strongly oppose the proposed rate increases outlined in your recent letter.

For April 8, 2014, my water bill was \$36.03. The Low Volume Rate was .910 and the Conservation Base Rate was 1.27. The water service charge was \$9.85 and the Sewer Service Charge was \$16.55.

For April 30, 2015, the water bill was \$48.30, a 34% increase. The Low Volume Rate was .88 and the Conservation Base Rate was 1.34. The water service charge increased to \$11.55 and the Sewer Service Charge increased to 22.55.

The proposed increase in the Low Volume Rate is from .88 to \$1.11, an increase of 26%.

The proposed increase in the Conservation Base Rate is from 1.34 to 1.62, an increase of 21%.

The proposed sewer charge increase is 16%.

As a retiree, my annual increase was 2%. What profession increased their income to absorb increases of over 20%?

I make an effort to keep my water usage in the low volume, and I only move into the conservation rate in the periods of very hot weather. As a retiree, I have been very conscious of conserving water in order to keep my bill low. As rates have been increasing every year, it seems to be an effort in futility.

Again, I STRONGLY oppose these increases.

  
Nona Demetre (Account #5597300000)

Charles Blach  
19091 Beckwith Terrace  
Irvine, CA 92603

IRWD  
PO Box 5149  
Irvine, CA 92616

May 14, 15

Statement of Protest: Account Number 9123400000

I am protesting the proposed new rates for water usage etc.

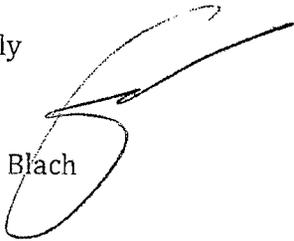
I live in a single family home, we use 3 of the 4 bathrooms every day.

We have a swimming pool which is 43' X 22' - the original request allocated the pool

As if it was regular landscaping - this is not fair and is totally inadequate; the water heats up during the day and cools down at night resulting in significant evaporation and requiring me to replace the evaporated water every day. I feel that I should receive an additional allocation of water so that I am not penalized for this problem caused by nature.

Sincerely

Charles Blach

A handwritten signature in black ink, appearing to be 'Charles Blach', written over the printed name.

## Cheryl Clary - Re: Unconscionable billing by IRWD

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**From:** John Jaeger <spidermba@gmail.com>  
**To:** IRWD Board <boardmail@irwd.com>  
**Date:** 5/20/2015 8:50 AM  
**Subject:** Re: Unconscionable billing by IRWD  
**CC:** Teri Sforza <tsforza@ocregister.com>, Mark Landsbaum OC Register <mlands...

---

Low volume rate increased... again, this year 26.14%.  
 Base rate increased... again, this year 20.90%.  
 Wasteful rate increased ... again, this year 15.32%.  
 Year after year, you vote unanimously to hike rates, and increase the already obscene reserves of IRWD.

This just after the litigation against excessive water rates was upheld on appeal.

This from a bunch of cronies who conspire to resign before the end of your terms so your board can appoint a new crony, and keep out legitimate candidates for over 20 years - candidates who might have the public's best interests in mind, as you so clearly do not.

You are truly disgusting and unethical, all of you.

John Jaeger

On Thu, Mar 26, 2015 at 8:12 PM, John Jaeger <spidermba@gmail.com> wrote:

Dear IRWD:

There is something seriously wrong with a utility which charges six times as much for nebulous "service charges" as for the commodity itself.

My March 15 water bill is \$4.40. My water service charge of \$9.80, however, is more than double the cost of water. Adding insult to injury, the sewer charge is double the water service charge, or \$17.22. These charges bear no resemblance to the actual cost to provide them. This violates the spirit if not the letter of Proposition 219.

When it comes to raising our rates, you pretty much dance to the tune of district employees, not the public which so injudiciously elected you on the basis of your "experience." Your ongoing, long-term practice of premature resignations and board member replacement appointments is unethical if it is not illegal. Decades have passed without a single new board member outside of those you board members have hand-picked. Yours is truly a fiefdom.

John Jaeger, MBA  
 Irvine

RECEIVED

5-21-15

JUN 04 2015

FINANCE  
IRVINE RANCH WATER DISTRICT

To: Irvine Ranch Water District Board of Directors,

As a current customer of the IRWD I am in receipt of the Board of Director's proposed water and sewer rate changes for 2015-2016 in response to Governor Brown's 25% water reduction mandate. The board is proposing a tier rate structure. I am speculating this tier structure is designed to encourage water conservation by rewarding customers who reduce their water consumption and penalize those customers who exceed allocation levels. My concerns are that this plan when implemented will have the same flaws and lack of logic and common sense application as is evident in the current plan.

I have resided at 12 Evening Shadow, Irvine, CA 92603 for the last 13 months. During this time I have removed all of the soft landscape and replaced with hardscape with no water needed. I have low flow toilets in both bathrooms and completely eliminated the use of a kitchen dishwasher and do my laundry once a week with two full loads. I run my shower only to rinse off and do not allow faucets to run when brushing teeth or shaving. My water conserving activities have resulted in a significant reducing of water usage and well below my allocation levels as evident by my last 4 month of bills for 2015. The reduction was accomplished voluntarily on my part over the 13 months I have lived at 12 Evening Shadow and not due to any government mandate. Not only have my reduction efforts not been rewarded but the IRWD has penalized me by charging me fees higher than neighbors in my community who in some months have used 3 times more water than me and been charged less! Where is the logic and common sense in this situation?

I have included neighborhood bills for the last 4 months. This neighbor lives only 145 steps from my home, shares the same main water line, same sewage line and same floor plan. I have always believed performance recognized repeats itself. I ask myself why should I make the sacrifices I do and the IRWD doesn't recognize my efforts and charges me more for less.

Neighbors charges

Mine

Jan. 1496 gallons \$25.93

1496 gallons \$30.69

Feb. 2244 gallons \$26.81

1496 gallons \$30.69

Mar. 2244 gallons \$30.27

748 gallons \$33.95

April 2244 gallons \$29.40

1496 gallons \$32.76

How does the IRWD justify charging a customer who uses 3x less water as evident in March's figures more in fees? What incentive is there to conserve when it is not reflected in your flawed billing structure? Logic and common sense tells you that for a system to work the customers that comply should be rewarded and those customers who fail to comply are penalized.

The Board's response and plan to correct this flaw in your future billing structure would be greatly appreciated. Thanking you in advance, Greg Pecca.

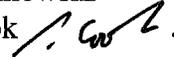
*Greg Pecca*  
(949) 387-9485

June 22, 2015

Prepared and

Submitted by: L. Bonkowski

Approved by: P. Cook



CONSENT CALENDAR

MINUTES OF BOARD MEETING

SUMMARY:

Provided are the minutes of the June 8, 2015 Regular Board Meeting minutes for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE JUNE 8, 2015 REGULAR BOARD MEETING AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – Minutes

## EXHIBIT "A"

### MINUTES OF REGULAR MEETING – JUNE 8, 2015

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:00 p.m. by President LaMar on June 8, 2015 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: Withers, Matheis, Reinhart (arrived at 6:45 p.m.), LaMar and Swan.

Directors Absent: None.

Also Present: General Manager Cook, Executive Director of Engineering and Water Quality Burton, Executive Director of Water Policy Weghorst, Executive Director of Operations Sheilds, Director of Human Resources Roney, Director of Water Resources Sanchez, Director of Treasury and Risk Management Jacobson, Legal Counsel Arneson, Secretary Bonkowski, Ms. Christine Compton, Mr. Christopher Smithson, Mr. Mike Hoolihan, Mr. Matt Veeh, Mr. Jim Reed, Mr. Bruce Newell, Ms. Amy McNulty, Mr. Roy Herndon, Mr. Chris Olsen and other members of the public and staff.

Written and Oral Communications: None.

Items too late to be agendized: None.

### PRESENTATIONS

#### SCIENCE FAIR WINNERS

Ms. Cheryl Kelly presented awards to local students for their water-related projects entered in the Irvine Unified School District Science Fair.

#### MID-BASIN INJECTION DEMONSTRATION PROJECT OVERVIEW

Mr. Chris Olson from the Orange County Water District provided an overview of the Mid-Basin Injection Demonstration Project.

### WORKSHOP

#### FISCAL YEAR 2015-16 CAPITAL BUDGET

Using a PowerPoint presentation, Mr. Erik Akiyoshi said that in the current fiscal year, FY 2014-15, budgeted expenditures were originally estimated at \$153.7 million, however, actual expenditures are projected at approximately \$141.4 million (equating to 92% of projected expenditures) through the end of the current fiscal year.

Mr. Akiyoshi reviewed the top 10 budgeted versus projected expenditures including the following budgeted expenditures: Michelson Water Recycling Solids Handling (\$53.9 million [M]); Baker Water Treatment Plant (\$38.7M); Development – Planning Area 51 (Green Park Neighborhoods) (\$8.6M); Business Software (CC&B and Enterprise Asset Management) (\$7.4M); Development – Planning Area 1`8 (Hidden Canyon)(\$4.3M); Orange Park Acres Well (\$3.5M); Orange County

Sanitation District/Capital Outlay Revolving Fund and Equity Adjustment (\$2.7M); Peters Canyon Water Capture (\$2.6M); Water Banking (\$2.4M); and Santiago Canyon Domestic Water Improvements (\$2.1M).

Mr. Akiyoshi compared the FY 2014-15 development activity versus the projected FY 2015-16 development activity and said that the projected releases will be similar to FY 2014-15 with development continuing in Orchard Hills, Portola Springs, Stonegate, Cypress Village, Great Park Neighborhoods (District 1), Baker Ranch and Hidden Canyon.

Mr. Akiyoshi reviewed the three projects which were changed from the Engineering and Operations Committee on May 19, 2015; the FY 2015-16 projected expenditures; the top 10 project groups, the capital budget funding sources; the capital program summary, proposed increased to the Long-Term Capital Program, and flagged projects. Director Swan asked that an item be submitted to the Finance and Personnel Committee meeting relative to Long Term Capital Program. Additionally, he asked that all wells outside IRWD be included in the “flagged projects” list.

Director Withers reported that this item was reviewed and approved by the Engineering and Operations Committee on May 19, 2015. On MOTION by Withers, seconded and carried (4-0) (Withers, Matheis, Swan, LaMar voting aye and Reinhart absent), THE BOARD ADOPTED THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2015 – 13

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT, ORANGE COUNTY  
CALIFORNIA, APPROVING THE DISTRICT’S CAPITAL  
BUDGET FOR FISCAL YEAR 2015-16

CONSENT CALENDAR

Director Swan asked that item No. 8, PROPOSED SALARY GRADE CHANGES FOR FY 2015-16, be pulled from the Consent Calendar for discussion. There being no objections, this item was moved to the Action Calendar. On MOTION by Withers, seconded and carried, (4-0) (Withers, Matheis, Swan, LaMar voting aye and Reinhart absent), CONSENT CALENDAR ITEMS 6, 7, AND 9 THROUGH 12 WERE APPROVED AS FOLLOWS:

6. MINUTES OF REGULAR BOARD MEETING

Recommendation: That the minutes of the May 26, 2015 Regular Board meeting be approved as presented.

7. RATIFY/APPROVE BOARD OF DIRECTORS’ ATTENDANCE AT MEETINGS AND EVENTS

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

CONSENT CALENDAR (CONTINUED)

9. BAKER PIPELINE CATHODIC PROTECTION SYSTEM UPGRADES PROJECT FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Baker Pipeline Cathodic Protection System Upgrades, project 11802 (5530); authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

10. BUREAU OF RECLAMATION WATERSMART DROUGHT RESILIENCY PROJECT GRANT APPLICATION

Recommendation: That the Board adopt the following resolution by title authorizing submission of grant application for the Irvine Lake North Pipeline Conversion project to the Department of the Interior, Bureau of Reclamation, Policy and Administration.

RESOLUTION NO. 2015-14

RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT AUTHORIZING  
SUBMISSION OF A GRANT APPLICATION FOR THE IRVINE  
LAKE PIPELINE CONVERSION PROJECT TO THE DEPARTMENT  
OF THE INTERIOR, BUREAU OF RECLAMATION POLICY  
AND ADMINISTRATION

11. 2015 LEGISLATIVE UPDATE

Recommendation: That the Board adopt a “CONCERNED” position on AB 1390 (Alejo) and SB 225 (Pavley) and authorize staff to engage with stakeholders to protect IRWD’s interests related to groundwater adjudications.

12. 2014-2015 ORANGE COUNTY GRAND JURY REPORT RESPONSE

Recommendation: That the Board agree with Finding F.4 contained in the 2014-2015 Orange County Grand Jury Report—“*Increasing Water Recycling: A Win-Win for Orange County*” and authorize the General Manager to notify the presiding judge in writing of the Board’s agreement.

ACTION CALENDAR

PROPOSED SALARY GRADE CHANGES FOR FY 2015-16

In response to Director Swan’s inquiry relative to the monetary impact of the changes imposed in the FY 2015-16 operating budget for staffing, General Manager Cook provided him with the increased annual cost of \$47,400. There being no further comments, on MOTION by Withers, seconded and carried, (4-0) (Withers, Matheis, Swan, LaMar voting aye and Reinhart absent), THE BOARD APPROVED THE PROPOSED CHANGES IN THE DISTRICT’S BUDGETED

SALARY POSITIONS AS OUTLINED IN THE OPERATING BUDGET ADOPTED BY THE BOARD ON MAY 26, 2015; APPROVED THE REVISED SALARY GRADE SCHEDULE AS OUTLINED IN EXHIBIT "A" EFFECTIVE WITH THE APPROVED FY 2015-16 OPERATING BUDGET ON JULY 1, 2015; AND ADOPTED THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2015 – 15

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
IRVINE RANCH WATER DISTRICT RESCINDING  
RESOLUTION NO. 2015-8 AND ESTABLISHING A REVISED  
SCHEDULE OF POSITIONS AND SALARY RATE RANGES

COST OF SERVICE STUDY AND POLICY CONSIDERATIONS

General Manager Cook reported that the District's consultant, Carollo Engineering, Inc., in consultation with staff and legal counsel, has developed the Cost of Service Study. Mr. Cook said that Carollo presented a draft of the Study to the IRWD Board at its meeting on May 26, 2015 and the Boards' comments have been incorporated into this report.

Mr. Christopher Smithson reported that the purpose of the Cost of Service Study is to evaluate the District's rate-setting processes and consider rate structure design components. The objectives of the District's rate structure are to provide water, sewer, and recycled service at rates that are fair and equitable; charge rates that are consistent with industry accepted cost of service principles that satisfy future revenue requirements and that meet all state law requirements (including Proposition 218); and provide these services while fairly and equitably allocating costs appropriately to those customers benefitting from them.

Director Swan reported that this item was reviewed by the Finance and Personnel Committee on December 9, 2014; January 13, 2015; and February 21, 2015 and by the Board on May 26, 2015. President LaMar said that the report was excellent and complimented staff and the consultant on their efforts. On MOTION by Swan, seconded and carried (4-0) (Withers, Matheis, Swan, LaMar voting aye and Reinhart absent), THE BOARD ADOPTED THE FOLLOWING RESOLUTION BY TITLE SUBJECT TO NON-SUBSTANTIVE CHANGES ON THE COST OF SERVICE STUDY:

RESOLUTION NO. 2015 – 16

RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE IRVINE RANCH WATER DISTRICT RECEIVING  
THE DISTRICT'S COST OF SERVICE STUDY

WATERSMART SOFTWARE VARIANCE NO. 2

Ms. Amy McNulty reported that the District's WaterSmart Program, developed and administered by WaterSmart Software Inc., provides enhanced water use information to over-allocation residential and commercial, industrial, and institutional (CII) customers separately from their water bills. Ms. McNulty said that this program is an effective tool that promotes water use efficiency and provides rate support outreach to customers.

Ms. McNulty said that of the District's total recipient list of over 14,481 over-allocation customers, 11,523 single-family homes receive monthly electronic reports and an additional 2,958 receive hard copy reports through direct mail. Customers who receive hard copy reports through direct mail are encouraged to sign up for the monthly electronic water reports as well as to schedule a home site survey with IRWD staff.

Ms. McNulty said that the existing agreement with WaterSmart Software expires on June 30, 2015 and that Variance No. 2 would continue and expand the program as part of the District's planned drought response plan to meet its 16 percent state-mandated potable use reduction target by February 2016. She said that the expanded program would provide funding for up to 22,000 over-allocation accounts to receive home water reports. An open enrollment feature will be added to allow single-family residence and condominium customers to opt in at any time. This will enable customers to sign up for the reports and for staff to enroll customers during home site surveys.

The proposed Variance No. 2 will also expand the program to include the development and implementation of custom water use portals for up to 6,000 commercial, industrial, and institutional (CII) customer accounts. This expansion will provide access to water usage data by CII building engineers, facility managers and sustainability managers who otherwise often experience a time delay waiting for the data from their accounts payable departments. The CII portal will provide a tool for this customer class to more closely monitor and manage water use at their facilities.

Director Matheis reported that this item was reviewed and approved by the Water Resources Policy and Communications Committee on June 4, 2015. Director Swan asked staff to look for alternatives next year for a more cost effective approach. Director Withers said he would abstain himself from voting on this item due to a potential conflict of interest with a client. Following discussion, on MOTION by Matheis, seconded and carried, (3-0-1) (Matheis, Swan, LaMar voting aye, Reinhart absent and Withers abstaining), **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 2 TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN IRWD AND WATERSMART SOFTWARE INC. IN THE AMOUNT OF \$215,693.**

#### WATER CONSERVATION PARTICIPATION AGREEMENT

General Manager Cook reported that Tactical Incentives are one of the key elements of IRWD's Water Use Efficiency Program and are cost-effective financial incentives to supplement existing regional rebate programs administered by either Metropolitan Water District of Southern California and/or MWDOC. The incentives are based on IRWD's calculated avoided costs resulting from the installation of the various conservation devices. A new umbrella agreement with MWDOC has been prepared to provide incentives for specified devices and programs for FY 2015-16. Staff has reviewed the water savings and necessary funding levels for the various devices and is proposing a total of \$1,060,000 in total incentive funding of which \$610,000 would be allocated to residential programs and \$450,000 to commercial programs. Following discussion, on MOTION by Matheis, seconded and carried, (4-0) (Withers, Matheis, Swan, LaMar voting aye and Reinhart absent) **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE THE WATER CONSERVATION PARTICIPATION AGREEMENT BETWEEN THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AND IRVINE RANCH WATER DISTRICT, SUBJECT TO NON-SUBSTANTIVE**

CHANGES, FOR SPECIFIED REBATE PROGRAMS WITH \$1,060,000 IN FUNDING FOR FY 2015-16.

## OTHER BUSINESS

### GENERAL MANAGER'S REPORT

General Manager Cook reported on the well-attended RightScape workshop last week which provided residents with information on the most productive and water-saving tools for gardens.

Mr. Cook reported that last week, he, along with staff, met with OCSD staff relative to a number of outstanding issues including flows outside the Irvine Business Complex, permits, and a lease extension for biosolids.

### DIRECTORS' COMMENTS

Director Swan reported on his attendance at a Central and West Basin meeting, a Newport Chamber of Commerce meeting, a monthly WACO meeting, and a Southern California Dialogue meeting. He further commented on his attendance at a MWDOC's planning meeting where a discussion was held on MWD's incentives for rebates and noted he did not agree with its modifications relative to corporate accounts.

Director Matheis reported on her attendance at a South Orange County Watershed Executive Committee Meeting. She further reported on Senator Feinstein's newspaper article in the Los Angeles Times that reported the senator will be introducing another bill to provide more water to urban and rural areas which is affected by the drought. She further asked staff to keep abreast of the City of Lake Forest's request for recycled water for use at its lakes which General Manager Cook said is currently being discussed.

Director LaMar said he attended a COAST meeting at the Orange County Fire Department where camera installations in the Santiago Canyon areas for early fire detection was discussed. He further said he attended a monthly WACO meeting.

IRWD's consultant Mr. Bruce Newell and Mr. Jim reported reported on the meetings they attended on behalf of the District.

### RECESS AND RECONVENE

President LaMar recessed the Board meeting to hold the annual Corporation meetings. Following the Corporation meetings, he reconvened the Board meeting.

### CLOSED SESSIONS

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

- 1) CONFERENCE with Labor Negotiators relative to Government Code Section 54957.6:  
Agency Designated Representatives: Paul Cook and Jenny Roney  
Employees' Organization: Irvine Ranch Water District Employees Association

- 2) CONFERENCE with Real Property Negotiator relative to Government Code Section 54956.8:  
Property: OCSD Service Area 7 Sewer Infrastructure  
Agency Negotiator: Paul Cook, General Manager  
Purpose of Negotiations: Proposed Acquisition of Property - Price and Terms, and

Director Reinhart participated in the meeting at 6:45 p.m. telephonically. Director Withers left at 6:50 p.m.

OPEN SESSION

Following the Closed Session, the meeting was reconvened with Directors Matheis, Reinhart (telephonically), Swan and LaMar present. No action was reported.

ADJOURNMENT

President LaMar adjourned the meeting.

APPROVED and SIGNED this 22nd day of June, 2015.

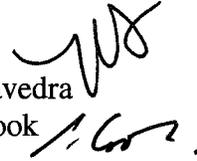
\_\_\_\_\_  
President, IRVINE RANCH WATER DISTRICT

\_\_\_\_\_  
Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

\_\_\_\_\_  
Legal Counsel - Bowie, Arneson,  
Wiles & Giannone

June 22, 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

6/11/15 Tustin's State of City Address  
6/17/15 South Orange County Agencies' Meeting  
6/18/15 NROC Quarterly Board Meeting  
6/22/15 Monthly meeting with General Manager Paul Cook re: District Activities  
6/24/15 NROC Executive Committee Meeting

Mary Aileen Matheis

5/27/15 Orange County Water Management-Nomination Committee Meeting  
6/03/15 Orange County Coastal Coalition Workshop  
6/11/15 IRWD Representative - Expansion Grand Opening of Discovery Cube  
6/30/15 IRWD Briefing with Sabiha Khan from Senator Dianne Feinstein office

Douglas Reinhart

6/16/15 Special SOCWA Board of Directors Meeting  
6/17/15 South Orange County Agencies' Meeting

Peer Swan

6/24/15 Southern California Water Dialogue Meeting  
6/25/15 NTS presentation at Newport Kiwanis, Bahia Chapter Yacht Club

John Withers

6/11/15 Tustin's State of City Address  
6/11/15 IRWD Representative - Expansion Grand Opening of Discovery Cube

RECOMMENDATION:

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

LIST OF EXHIBITS:

None

June 22, 2015

Prepared by: Jennifer Davis/Tanja Fournier

Submitted by: Robert Jacobson/Cheryl Clary

Approved by: Paul Cook

## CONSENT CALENDAR

### MAY 2015 TREASURY REPORTS

#### SUMMARY:

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

- A. The Investment Summary Report for May 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 May 31, 2015, as outlined in Exhibit "B".
- C. The Summary of Payroll ACH payments in the total amount of \$2,215,506, as outlined in Exhibit "C".
- D. The May 31, 2015 Disbursement Summary of warrants 358200 through 358855, wire transfers, Workers' Compensation distributions, payroll withholding distributions, and voided checks in the total amount of \$20,799,540 as outlined in Exhibit "D".
- E. The Disclosure Report of Reimbursements to Board Members and Staff for May 2015, detailing payments or reimbursements for individual charges of \$100.00 or more per transaction, as outlined in Exhibit "E".

#### FISCAL IMPACTS:

As of May 31, 2015, the book value of the investment portfolio was \$262,945,513, with a 0.54% rate of return and a market value of \$262,981,967. Based on the District's March 31, 2015 quarterly real estate investment rate of return of 13.20%, the District's weighted average return for the fixed income and real estate investments was 3.27%.

As of May 31, 2015, the total notional amount of the interest rate swap portfolio was \$130 million of fixed payer swaps. Cash accrual in May from all swaps was negative \$583,220.

Payroll ACH payments totaled \$2,215,506, and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, and water purchases for May totaled \$20,799,540.

**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 MAY 2015, AND DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF; APPROVE THE MAY 2015 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$2,215,506 AND APPROVE THE MAY 2015 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 358200 THROUGH 358855, WORKERS' COMPENSATION DISTRIBUTIONS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$20,799,540.

**LIST OF EXHIBITS:**

Exhibit "A" – Investment Summary Report

Exhibit "B" – Monthly Interest Rate Swap Summary

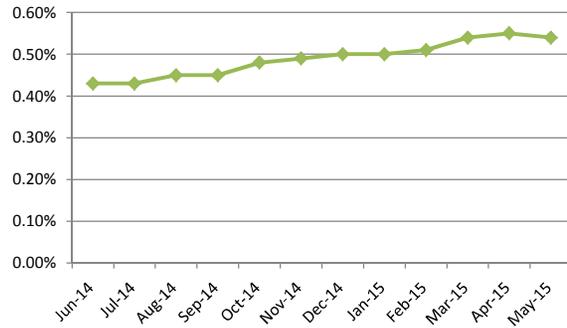
Exhibit "C" – Monthly Payroll ACH Summary

Exhibit "D" – Monthly Summary of District Disbursements

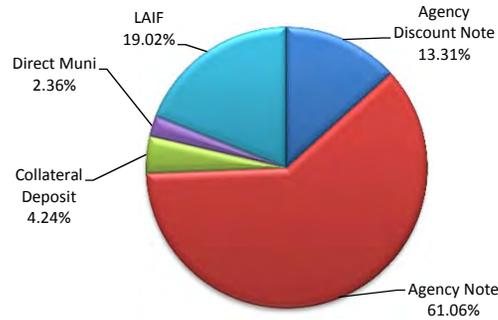
Exhibit "E" – Disclosure of Reimbursements to Board Members and Staff

# Irvine Ranch Water District Investment Portfolio Summary May 2015

**Monthly Fixed Income Yield**



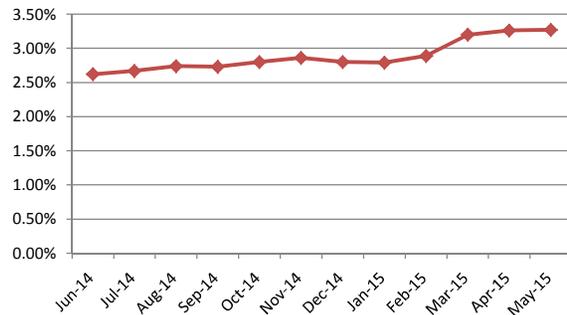
**Portfolio Distribution**



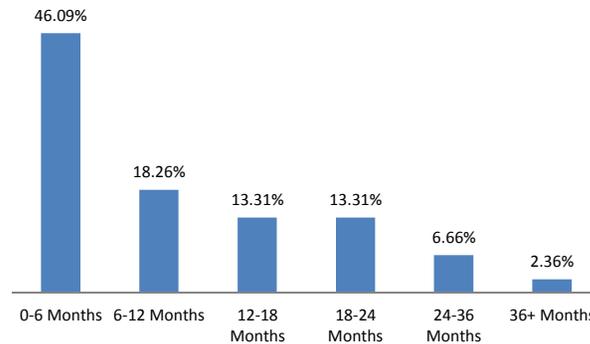
**Investment Summary**

Type	PAR	Book Value	Market Value
Agency Note	160,500,000	160,591,055	160,604,315
LAIF	50,000,000	50,000,000	50,019,186
Agency Discount Note	35,000,000	34,981,093	34,985,100
Collateral Deposit	11,157,502	11,157,502	11,157,502
Direct Muni	6,215,864	6,215,864	6,215,864
<b>Grand Total</b>	<b>262,873,366</b>	<b>262,945,513</b>	<b>262,981,967</b>

**Weighted Average Return Including Real Estate Portfolio**



**Maturity Distribution**



**Top Issuers**

Issuer	PAR	% Portfolio
Fed Home Loan Mortgage Corp	79,500,000	30.24%
Fed Home Loan Bank	56,000,000	21.30%
State of California Treasury - LAIF	50,000,000	19.02%
Fed Farm Credit Bank	30,000,000	11.41%
Fed Natl Mortgage Assoc	30,000,000	11.41%
Citi-Group Collateral	8,947,502	3.40%
ETWD	6,215,864	2.36%
Merrill Lynch Collateral	2,210,000	0.84%

IRVINE RANCH WATER DISTRICT  
INVESTMENT SUMMARY REPORT

05/31/15

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> 5/31/2015	UNREALIZED <sup>(2)</sup> GAIN/(LOSS)
05/11/15			06/01/15		LAIF	State of California Tsy.	\$50,000,000		0.283%		\$50,000,000.00	\$50,000,000.00	50,019,186.40	19,186.40
08/13/14	N/A	N/A	06/09/15	NR	FHLMC - Discount Note	Fed Home Loan Mortgage Corp Discount Note	10,000,000	0.150%	0.152%		9,987,500.00	9,999,666.67	10,000,000.00	333.33
08/13/14	N/A	N/A	07/29/15	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	15,000,000	0.125%	0.182%		14,991,750.00	14,998,632.86	15,000,750.00	2,117.14
03/04/14	N/A	N/A	08/28/15	Aaa/AA+/NR	FHLMC - Note	Fed Home Loan Mortgage Corp	2,000,000	0.500%	0.225%		2,008,140.00	2,001,321.62	2,001,840.00	518.38
03/04/14	N/A	N/A	08/28/15	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	8,000,000	0.375%	0.225%		8,017,720.00	8,002,877.05	8,005,040.00	2,162.95
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	5,021,822.45	5,023,100.00	1,277.55
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	9,997,428.18	9,998,100.00	671.82
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	4,998,406.25	4,998,400.00	(6.25)
11/19/14	N/A	N/A	11/18/15	Aaa/NA/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	0.125%	0.193%		4,996,635.00	4,998,428.43	4,998,100.00	(328.43)
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	5,000,919.38	5,001,250.00	330.62
10/29/14	N/A	N/A	12/18/15	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	0.300%	0.200%	0.200%	5,005,670.00	5,002,732.53	5,001,150.00	(1,582.53)
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	5,003,702.18	5,004,550.00	847.82
01/15/13	N/A	07/15/13	01/15/16	NA/AA+/AAA	FHLB - Note	Fed Home Loan Bank	5,000,000	0.375%	0.390%		4,997,750.00	4,999,375.34	5,001,650.00	2,274.66
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	9,985,591.66	9,988,600.00	3,008.34
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	4,997,567.06	4,999,250.00	1,682.94
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	4,997,106.96	4,997,050.00	(56.96)
05/20/15	N/A	N/A	05/04/16	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	3,000,000	0.300%	0.315%		2,999,565.00	2,997,360.00	2,997,360.00	(2,219.91)
05/20/15	N/A	N/A	05/18/16	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	0.250%	0.305%		4,997,285.00	4,997,374.51	4,991,200.00	(6,174.51)
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	5,108,058.04	5,103,550.00	(4,508.04)
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	4,997,381.07	4,998,950.00	1,568.93
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	4,994,068.44	4,996,450.00	2,381.56
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	5,000,100.00	100.00
02/11/14	Continuous after	08/11/14	08/11/16	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.570%	0.590%	0.590%	4,997,500.00	4,998,802.08	4,998,450.00	(352.08)
12/31/13	Quarterly	06/14/13	09/14/16	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.650%	0.759%	0.759%	4,985,500.00	4,993,087.55	4,992,250.00	(837.55)
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	4,995,750.00	(4,250.00)
12/09/13	Quarterly	12/09/14	12/09/16	Aaa/AA+/NR	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	0.700%	0.727%	0.780%	4,996,000.00	4,997,967.15	4,997,800.00	(167.15)
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	5,001,300.00	1,300.00
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	4,999,611.64	5,001,300.00	1,688.36
03/13/14	Quarterly	06/13/14	03/13/17	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	0.875%	0.946%	1.719%	4,989,500.00	4,993,763.23	5,001,200.00	7,436.77
04/25/14	Continuous after	04/24/15	04/24/17	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.900%	0.976%	1.142%	4,988,750.00	4,992,818.49	5,000,200.00	7,381.51
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	9,991,400.00	(8,600.00)
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	7,504,425.00	4,425.00
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	4,994,056.60	4,990,900.00	(3,156.60)
10/30/14	Quarterly	01/30/15	10/30/17	NA/AA+/NR	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.100%	1.100%	1.100%	5,000,000.00	5,000,000.00	5,008,000.00	8,000.00
03/10/15	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	
<b>SUB-TOTAL</b>							<u>\$251,715,864</u>				<u>\$251,843,709.05</u>	<u>\$251,788,011.12</u>	<u>\$251,824,465.16</u>	<u>\$36,454.04</u>
<b>RESTRICTED CASH (Swap Collateral Deposits)<sup>(5)</sup></b>														
05/01/15					Collateral Deposit	Citi-Group	\$8,947,502		0.080%		\$8,947,502.27	\$8,947,502.27	8,947,502.27	
05/29/15					Collateral Deposit	Merrill Lynch	\$2,210,000		0.080%		\$2,210,000.00	\$2,210,000.00	2,210,000.00	
<b>SUB-TOTAL</b>							<u>\$11,157,502</u>				<u>\$11,157,502.27</u>	<u>\$11,157,502.27</u>	<u>\$11,157,502.27</u>	
<b>TOTAL INVESTMENTS</b>							<u>\$262,873,366</u>				<u>\$263,001,211.32</u>	<u>\$262,945,513.39</u>	<u>\$262,981,967.43</u>	
				May	Petty Cash Ck Balance	Bank of America					3,400.00 6,546,720.50			
											<u>\$269,551,331.82</u>			

<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 or Brokers  
<sup>(4)</sup> Real estate rate of return is based on most recent quarter end return  
<sup>(5)</sup> Swap Collateral Deposits assumes 6 month maturity, dependent on interest rate changes

Outstanding Variable Rate Debt \$328,800,000  
Net Outstanding Variable Rate Debt (Less \$130 million fixed-payer swaps) \$198,800,000  
Investment Balance: \$269,551,332  
Investment to Variable Rate Debt Ratio: 136%  
Portfolio - Average Number of Days To Maturity<sup>(4)</sup> 276

	Investment Portfolio	Real Estate <sup>(3)</sup> Portfolio	Weighted Avg. Return
May	0.54%	13.20%	3.27%
April	0.55%	13.20%	3.26%
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

05/31/15

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Collateral Deposit	Direct Muni
05/15	\$50,000,000	19.02%	\$50,000,000				
06/15	10,000,000	3.80%			10,000,000		
07/15	15,000,000	5.71%		15,000,000			
08/15	10,000,000	3.80%		10,000,000			
09/15	15,000,000	5.71%		15,000,000			
10/15	16,157,502	6.15%			5,000,000	\$11,157,502	
11/15	5,000,000	1.90%		5,000,000			
12/15	15,000,000	5.71%		15,000,000			
01/16	5,000,000	1.90%		5,000,000			
02/16	10,000,000	3.80%			10,000,000		
03/16	5,000,000	1.90%		5,000,000			
04/16	5,000,000	1.90%		5,000,000			
<b>SUB-TOTAL</b>	<b>\$161,157,502</b>	<b>61.31%</b>	<b>\$50,000,000</b>	<b>\$75,000,000</b>	<b>\$25,000,000</b>	<b>\$11,157,502</b>	
<b>13 Months - 3 YEARS</b>							
05/1/16 - 06/30/2016	18,000,000	6.85%		18,000,000			
07/01/16 - 9/30/2016	20,000,000	7.61%		20,000,000			
10/01/16 - 12/31/2016	20,000,000	7.61%		20,000,000			
1/1/2017 - 3/31/2017	5,000,000	1.90%		5,000,000			
04/01/17-06/30/17	22,500,000	8.56%		22,500,000			
07/01/17 - 9/30/2017	5,000,000	1.90%		5,000,000			
10/30/17 - 12/31/2017	5,000,000	1.90%		5,000,000			
04/30/2036	6,215,864	2.36%					6,215,864
<b>TOTALS</b>	<b>\$262,873,366</b>	<b>100.00%</b>	<b>\$50,000,000</b>	<b>\$170,500,000</b>	<b>\$25,000,000</b>	<b>\$11,157,502</b>	<b>\$6,215,864</b>

% OF PORTFOLIO 19.02% 64.87% 9.51% 4.24% 2.36%

Irvine Ranch Water District  
 Summary of Real Estate  
 3/31/2015

	<u>ACQUISITION DATE</u>	<u>PROPERTY TYPE</u>	<u>OWNERSHIP INTEREST</u>	<u>ORIGINAL COST</u>	<u>RATE OF RETURN QUARTER ENDED Mar-15</u>
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	17.24%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	8.58%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	8.21%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	5.02%
Sand Canyon Professional Center	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	7.56%
				<u>\$ 72,569,826</u>	<u>13.20%</u>

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

**MATURITIES/SALES/CALLS**

**PURCHASES**

DATE	SECURITY TYPE	PAR	YIELD	Settlement Date	Maturity Date	SECURITY TYPE	PAR	YIELD TO MATURITY
5/4/2015	FHLB - Note	\$740,741	0.49%	5/20/2015	5/4/2016	FHLB - Note	\$3,000,000	0.32%
5/8/2015	FFCB - Note	\$5,000,000	0.45%	5/20/2015	5/18/2016	FHLB - Note	\$5,000,000	0.30%
5/12/2015	FHLB - Note	\$5,000,000	0.48%	5/20/2015	5/27/2016	FHLMC - Note	\$5,000,000	0.30%
5/20/2015	FNMA - Discount Note	\$10,000,000	0.13%	5/26/2015	10/14/2015	FHLB - Discount Note	\$5,000,000	0.09%
5/20/2015	FHLB - Discount Note	\$5,000,000	0.10%	5/30/2015	4/30/2036	Direct Muni - ETWD	\$1,982,975	4.57%
5/26/2015	FHLMC - Note	\$5,000,000	1.14%					

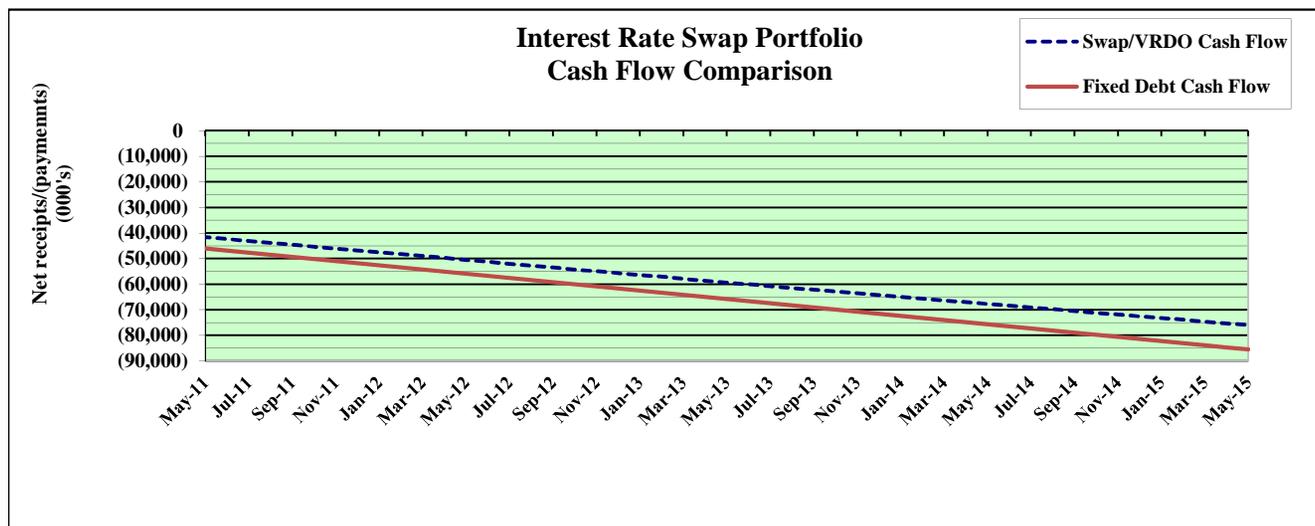
**IRVINE RANCH WATER DISTRICT  
INTEREST RATE SWAP MONTHLY SUMMARY REPORT - DETAIL  
May 31, 2015**

LIBOR Avg %	Prior Mo. 0.18%	Current Mo. 0.18%	12-Mo Avg 0.16%
-------------	--------------------	----------------------	--------------------

Current Fiscal Year Active Swaps								Cash Flow				(Since 6/06)	Mark to Market	
Effective Date	Maturity Date	Years to Maturity	Counter Party	Notional Amt	Type	Base Index	Fixed Rate	Prior Month	Current Month	Fiscal YTD	Cumulative Cash Flow	Current Mark to Market	Notional Difference	
<b>Fixed Payer Swaps - By Effective Date</b>														
6/4/2006	6/4/2019	4.0	ML	\$ 20,000,000	FXP	LIBOR	6.200%	(96,905)	(93,631)	\$ (1,099,530)	\$ (8,548,080)	\$ 16,136,814	\$ (3,863,186)	
6/4/2006	6/4/2019	4.0	CG	20,000,000	FXP	LIBOR	6.200%	(96,905)	(93,631)	(1,099,530)	(8,548,080)	16,132,838	(3,867,162)	
6/17/2006	6/17/2019	4.0	CG	30,000,000	FXP	LIBOR	6.140%	(149,925)	(139,026)	(1,639,053)	(12,679,224)	24,229,171	(5,770,829)	
3/10/2007	3/10/2029	13.8	ML	30,000,000	FXP	LIBOR	5.687%	(132,957)	(128,466)	(1,509,264)	(11,363,212)	17,635,592	(12,364,408)	
3/10/2007	3/10/2029	13.8	CG	30,000,000	FXP	LIBOR	5.687%	(132,957)	(128,466)	(1,509,264)	(11,363,212)	17,596,638	(12,403,362)	
Totals/Weighted Avgs		8.5		\$ 130,000,000			5.949%	\$ (609,649)	\$ (583,220)	\$ (6,856,641)	\$ (52,501,809)	\$ 91,731,053	\$ (38,268,947)	
Total Current Year Active Swaps				\$ 130,000,000				\$ (609,649)	\$ (583,220)	\$ (6,856,641)	\$ (52,501,809)	\$ 91,731,053	\$ (38,268,947)	

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
Total Current Year Active & Terminated Swaps				\$ 130,000,000				\$ (609,649)	\$ (583,220)	\$ (6,856,641)	\$ (52,501,809)	\$ 91,731,053	\$ (38,268,947)



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

Exhibit - C

**MONTHLY SUMMARY OF PAYROLL ACH PAYMENTS**

**May  
2015**

DATE	AMOUNT	VENDOR	PURPOSE
5/1/2015	737,066.07	BANK OF AMERICA	ACH Payments for Payroll
5/15/2015	739,633.54	BANK OF AMERICA	ACH Payments for Payroll
5/29/2015	738,805.99	BANK OF AMERICA	ACH Payments for Payroll
	<u><b>\$2,215,505.60</b></u>		

Exhibit - D

>

IRWD Ledger

Void Payment Register

Report Date: 01-JUN-2015 13:12

Include Zero Amount Payments: Yes  
Display Payee Address: No

Page: 1  
Period From: 01-MAY-15  
To: 31-MAY-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						
355128	15-JAN-15	DON WILSON BUILDERS	PAY		48.71	29-MAY-15
355132	15-JAN-15	EJIRI, ATSUSHI	PAY	SANTA FE SPRING	15.41	29-MAY-15
355153	15-JAN-15	HERICKS, STEVEN	PAY		27.29	29-MAY-15
355214	15-JAN-15	PEAR, LORIN	PAY		20.00	29-MAY-15
355218	15-JAN-15	POZZI, KATHRYN	PAY		30.07	29-MAY-15
355245	15-JAN-15	SHADJAREH, ROXANN	PAY		52.45	29-MAY-15
355298	15-JAN-15	WU, JOHN	PAY		33.35	29-MAY-15
355299	15-JAN-15	WUSE, JEREMY	PAY		29.16	29-MAY-15
355321	22-JAN-15	ACE-SOLUTIONS GROUP INC	PAY		847.75	29-MAY-15
355347	22-JAN-15	CHEN, ALAN T	PAY		65.19	29-MAY-15
355392	22-JAN-15	GU, BINGZHU	PAY		30.83	29-MAY-15
355440	22-JAN-15	OCWEN LOAN SERVICING LLC	PAY		49.33	29-MAY-15
355449	22-JAN-15	PARK WEST LANDSCAPE	PAY		522.50	29-MAY-15
355454	22-JAN-15	PHILLIPS, VICTOR	PAY		23.13	29-MAY-15
355486	22-JAN-15	STINKY TOFU INC	PAY		43.10	29-MAY-15
355511	22-JAN-15	VILLAH, KHONEOKAR	PAY		35.44	29-MAY-15
356604	25-FEB-15	WALTERS WHOLESALE ELECTRIC	PAY	LONG BEACH	4,828.37	13-MAY-15
357924	23-APR-15	FANG, BRIAN	PAY		16.73	29-MAY-15
358032	23-APR-15	VHOU, ZHIQIANG	PAY		10.73	29-MAY-15
358122	30-APR-15	LANG, RANDY	PAY		1,127.71	15-MAY-15
358156	30-APR-15	SANDERS PAVING INC	PAY	GARDEN GROVE	24,977.00	15-MAY-15
358401	14-MAY-15	Hoffman, Michael John	PAY	HOME	86.39	26-MAY-15
358675	21-MAY-15	ROSEDALE - RIO BRAVO WATER	PAY	BAKERSFIELD 2	33,010.81	26-MAY-15
					-----	
Payment Document Subtotal					65,931.45	
					-----	
Bank Account Subtotal					65,931.45	
					-----	
Report Count: 23					Report Total	65,931.45
IRWD Ledger						Voids

Void Payment Register

Report Date: 01-JUN-2015 13:12

Include Zero Amount Payments: Yes  
Display Payee Address: No

Page: 2  
Period From: 01-MAY-15  
To: 31-MAY-15  
Date: Void Date

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

&gt;

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 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								
358200		05-MAY-15	PSB INTEGRATED MARKETING	LAKE FOREST	34,939.37	06-MAY-15	34,939.37	Reconciled
358201		07-MAY-15	Willis, Andrew R (Andrew)		145.83	08-MAY-15	145.83	Reconciled
358202		07-MAY-15	Kelly, Cheryl D (Cheryl)		133.75	12-MAY-15	133.75	Reconciled
358203		07-MAY-15	Paulson, David		105.00	12-MAY-15	105.00	Reconciled
358204		07-MAY-15	Smyth, Jeffrey S (Jeff)		29.44	13-MAY-15	29.44	Reconciled
358205		07-MAY-15	Pfister, Ken D (Ken)		45.83	13-MAY-15	45.83	Reconciled
358206		07-MAY-15	Oldewage, Lars D (Lars)		1,089.54	11-MAY-15	1,089.54	Reconciled
358207		07-MAY-15	Lewis, Lyndy R		194.06	18-MAY-15	194.06	Reconciled
358208		07-MAY-15	Cortez, Malcolm A (Malcolm)		27.60			Negotiable
358209		07-MAY-15	Nelson, Mark D (Mark)		22.88	08-MAY-15	22.88	Reconciled
358210		07-MAY-15	Marshall, Matt I (Matt)		270.00	21-MAY-15	270.00	Reconciled
358211		07-MAY-15	Veeh, Matthew R		13.80	19-MAY-15	13.80	Reconciled
358212		07-MAY-15	Bornhoff, Mike (Mike)		195.00	14-MAY-15	195.00	Reconciled
358213		07-MAY-15	Lao, Richard S		117.48	26-MAY-15	117.48	Reconciled
358214		07-MAY-15	Malloy, Steven L (Steven)		196.28	20-MAY-15	196.28	Reconciled
358215		07-MAY-15	Bonkowski, Thomas J (Thomas)		28.87	18-MAY-15	28.87	Reconciled
358216		07-MAY-15	INLAND POTABLE SERVICES, INC.	CENTENNIAL	148.09	19-MAY-15	148.09	Reconciled
358217		07-MAY-15	ADS LLC		8,776.00	11-MAY-15	8,776.00	Reconciled
358218		07-MAY-15	ADVANCED CALIBRATION DESIGNS INC		579.00	13-MAY-15	579.00	Reconciled
358219		07-MAY-15	AGILENT TECHNOLOGIES INC		4.15			Negotiable
358220		07-MAY-15	AGILENT TECHNOLOGIES, INC.		1,384.56	12-MAY-15	1,384.56	Reconciled
358221		07-MAY-15	ALEXANDER'S CONTRACT SERVICES, INC.		108,249.64	13-MAY-15	108,249.64	Reconciled
358222		07-MAY-15	ALLIANT INSURANCE SERVICES, INC		8,164.00	12-MAY-15	8,164.00	Reconciled
358223		07-MAY-15	ALPHA TRAFFIC SERVICES, INC.		1,340.00	11-MAY-15	1,340.00	Reconciled
358224		07-MAY-15	AM LEONARD INC		411.00	12-MAY-15	411.00	Reconciled

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 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								
358225		07-MAY-15	AMERICAN CONSTRUCTION AND SUPPLY INC		72,108.60	19-MAY-15	72,108.60	Reconciled
358226		07-MAY-15	AMERICAN VAN EQUIPMENT, INC		2,117.38	12-MAY-15	2,117.38	Reconciled
358227		07-MAY-15	APPLIED INDUSTRIAL TECHNOLOGIES - CA LLC		117.82	11-MAY-15	117.82	Reconciled
358228		07-MAY-15	AQUA BEN CORPORATION		33,400.08	14-MAY-15	33,400.08	Reconciled
358229		07-MAY-15	ARDALAN, SHOUKOH		44.10	15-MAY-15	44.10	Reconciled
358230		07-MAY-15	AT&T		2,997.20	14-MAY-15	2,997.20	Reconciled
358231		07-MAY-15	AT&T		50.01	13-MAY-15	50.01	Reconciled
358232		07-MAY-15	AUTOZONE PARTS, INC.		996.80	12-MAY-15	996.80	Reconciled
358233		07-MAY-15	BANK OF AMERICA		21,517.91	13-MAY-15	21,517.91	Reconciled
358234		07-MAY-15	BANK OF NEW YORK MELLON TRUST COMPANY NA		3,486.00	13-MAY-15	3,486.00	Reconciled
358235		07-MAY-15	BIGWIG MONSTER, LLC		3,900.00	11-MAY-15	3,900.00	Reconciled
358236		07-MAY-15	BILINGUAL TRAINING INSTITUTE		1,910.00	14-MAY-15	1,910.00	Reconciled
358237		07-MAY-15	BIOMAGIC INC		1,524.10	22-MAY-15	1,524.10	Reconciled
358238		07-MAY-15	BLACK & VEATCH		301,041.37	18-MAY-15	301,041.37	Reconciled

358239	07-MAY-15	CORPORATION BORCHARD SURVEYING & MAPPING, INC.	1,747.50	18-MAY-15	1,747.50	Reconciled
358240	07-MAY-15	BRUCE NEWELL	1,316.00	12-MAY-15	1,316.00	Reconciled
358241	07-MAY-15	C WELLS PIPELINE MATERIALS INC	4,363.20	20-MAY-15	4,363.20	Reconciled
358242	07-MAY-15	CALDESAL	5,000.00			Negotiable
358243	07-MAY-15	CALIFORNIA BARRICADE INC	1,885.00	11-MAY-15	1,885.00	Reconciled
358244	07-MAY-15	CAPTIVE AUDIENCE MARKETING INC.	85.32	12-MAY-15	85.32	Reconciled
358245	07-MAY-15	CDW GOVERNMENT LLC	1,108.63	13-MAY-15	1,108.63	Reconciled
358246	07-MAY-15	CHARLES P CROWLEY COMPANY INC	4,409.16	13-MAY-15	4,409.16	Reconciled
358247	07-MAY-15	CITY OF SANTA ANA	18,596.63	21-MAY-15	18,596.63	Reconciled
358248	07-MAY-15	CIVILSOURCE, INC.	17,689.00	14-MAY-15	17,689.00	Reconciled
358249	07-MAY-15	COASTLINE EQUIPMENT COMPANY	1,490.99	12-MAY-15	1,490.99	Reconciled
358250	07-MAY-15	COMMERCIAL DOOR OF ORANGE COUNTY, INC.	589.50	12-MAY-15	589.50	Reconciled

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Report Date: 01-JUN-2015 13:12  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar ) Page: 3  
 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								
358251		07-MAY-15	COX COMMUNICATIONS		3,055.12	11-MAY-15	3,055.12	Reconciled
358252		07-MAY-15	CS-AMSCO		6,287.83	11-MAY-15	6,287.83	Reconciled
358253		07-MAY-15	DATAZEO, INC.		71.52	12-MAY-15	71.52	Reconciled
358254		07-MAY-15	DEX MEDIA INC.		75.75	13-MAY-15	75.75	Reconciled
358255		07-MAY-15	DEZURIK INC		12,921.12	14-MAY-15	12,921.12	Reconciled
358256		07-MAY-15	EMPLOYMENT DEVELOPMENT DEPARTMENT		6,976.01	14-MAY-15	6,976.01	Reconciled
358257		07-MAY-15	ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC.		14,996.25	13-MAY-15	14,996.25	Reconciled
358258		07-MAY-15	ENVIRONMENTAL RESOURCE ASSOCIATES		2,237.73	14-MAY-15	2,237.73	Reconciled
358259		07-MAY-15	ENVIRONMENTAL SCIENCE ASSOCIATES		3,306.41	12-MAY-15	3,306.41	Reconciled
358260		07-MAY-15	EUROFINS EATON ANALYTICAL, INC.		382.50	12-MAY-15	382.50	Reconciled
358261		07-MAY-15	EVOQUA WATER TECHNOLOGIES LLC		500.00	13-MAY-15	500.00	Reconciled
358262		07-MAY-15	FARRELL & ASSOCIATES		1,584.25	12-MAY-15	1,584.25	Reconciled
358263		07-MAY-15	FEDEX		322.80	14-MAY-15	322.80	Reconciled
358264		07-MAY-15	FERGUSON ENTERPRISES, INC.		5,438.02	11-MAY-15	5,438.02	Reconciled
358265		07-MAY-15	FISERV		308.00	11-MAY-15	308.00	Reconciled
358266		07-MAY-15	FISHER SCIENTIFIC COMPANY LLC		4,510.51	11-MAY-15	4,510.51	Reconciled
358267		07-MAY-15	FITCH RATINGS, INC.		8,000.00	13-MAY-15	8,000.00	Reconciled
358268		07-MAY-15	FORESTRY SUPPLIERS INC		1,050.82	11-MAY-15	1,050.82	Reconciled
358269		07-MAY-15	FRANK LA PLACA EXTERMINATING INC		175.00	15-MAY-15	175.00	Reconciled
358270		07-MAY-15	GANAHL LUMBER CO.		2,754.77	15-MAY-15	2,754.77	Reconciled
358271		07-MAY-15	GHD INC.		26,400.00	14-MAY-15	26,400.00	Reconciled
358272		07-MAY-15	GOLDMAN, SACHS & CO		19,972.60	20-MAY-15	19,972.60	Reconciled
358273		07-MAY-15	GRAINGER		5,914.98	11-MAY-15	5,914.98	Reconciled
358274		07-MAY-15	GUINET, PATRICK		669.74	11-MAY-15	669.74	Reconciled
358275		07-MAY-15	GUO, JING		41.89	12-MAY-15	41.89	Reconciled
358276		07-MAY-15	H2O INNOVATION USA INC		3,959.28	15-MAY-15	3,959.28	Reconciled
358277		07-MAY-15	HAAKER EQUIPMENT COMPANY		2,402.00	11-MAY-15	2,402.00	Reconciled
358278		07-MAY-15	HACH COMPANY		20,308.53	14-MAY-15	20,308.53	Reconciled

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Payment Document : IRWD CHECK								
358279		07-MAY-15	HALL & FOREMAN, INC.		250.00	13-MAY-15	250.00	Reconciled
358280		07-MAY-15	HARRINGTON INDUSTRIAL PLASTICS LLC		316.00	11-MAY-15	316.00	Reconciled
358281		07-MAY-15	HELPMATES STAFFING		672.30	11-MAY-15	672.30	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
358282	07-MAY-15		SERVICES HILL BROTHERS CHEMICAL COMPANY		16,442.80	13-MAY-15	16,442.80	Reconciled
358283	07-MAY-15		HOME DEPOT USA INC		231.75	13-MAY-15	231.75	Reconciled
358284	07-MAY-15		IBM CORPORATION		254.00	12-MAY-15	254.00	Reconciled
358285	07-MAY-15		INDUSTRIAL METAL SUPPLY CO		1,077.50	11-MAY-15	1,077.50	Reconciled
358286	07-MAY-15		INLAND POTABLE SERVICES, INC.		79,608.50	19-MAY-15	79,608.50	Reconciled
358287	07-MAY-15		IRVINE PIPE & SUPPLY INC		1,926.38	11-MAY-15	1,926.38	Reconciled
358288	07-MAY-15		IRWD-PETTY CASH CUSTODIAN		1,456.97	11-MAY-15	1,456.97	Reconciled
358289	07-MAY-15		JBR ENGINEERING INC		762.92	11-MAY-15	762.92	Reconciled
358290	07-MAY-15		JOE RHODES MAINT SERVICE INC		838.04	11-MAY-15	838.04	Reconciled
358291	07-MAY-15		JOHNSTONE SUPPLY		336.06	11-MAY-15	336.06	Reconciled
358292	07-MAY-15		KARCHER INSULATION INC		5,418.00	12-MAY-15	5,418.00	Reconciled
358293	07-MAY-15		KENNY THE PRINTER		970.93	11-MAY-15	970.93	Reconciled
358294	07-MAY-15		KENT & AMY DAHLBERG		16,341.20	18-MAY-15	16,341.20	Reconciled
358295	07-MAY-15		KIKUCHI, MAKOTO		33.68	14-MAY-15	33.68	Reconciled
358296	07-MAY-15		KONECRANES INC		366.00	13-MAY-15	366.00	Reconciled
358297	07-MAY-15		KS DIRECT LLC		3,304.80	11-MAY-15	3,304.80	Reconciled
358298	07-MAY-15		LABELMASTER		143.14	12-MAY-15	143.14	Reconciled
358299	07-MAY-15		LEE, YI-CHENG		60.80			Negotiable
358300	07-MAY-15		LEIGHTON CONSULTING, INC.		1,064.90	11-MAY-15	1,064.90	Reconciled
358301	07-MAY-15		LENNAR HOMES		780.12	18-MAY-15	780.12	Reconciled
358302	07-MAY-15		LEWIS BRISBOIS BISGAARD AND SMITH, LLP		4,426.80	13-MAY-15	4,426.80	Reconciled
358303	07-MAY-15		LILLESTRAND LEADERSHIP CONSULTING, INC.		594.33	19-MAY-15	594.33	Reconciled
358304	07-MAY-15		MAIN GRAPHICS		211.91	18-MAY-15	211.91	Reconciled
358305	07-MAY-15		MALLEY, KELLY		81.96	19-MAY-15	81.96	Reconciled
358306	07-MAY-15		MARSHALL, MELANIE		34.03	12-MAY-15	34.03	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358307	07-MAY-15		MARVIN GARDENS LLC		96.22	08-MAY-15	96.22	Reconciled
358308	07-MAY-15		MC MASTER CARR SUPPLY CO		1,436.30	12-MAY-15	1,436.30	Reconciled
358309	07-MAY-15		MEDFORD SILICONES, INC.		271.00	18-MAY-15	271.00	Reconciled
358310	07-MAY-15		MUTUAL PROPANE		55.53	12-MAY-15	55.53	Reconciled
358311	07-MAY-15		NATIONAL BUSINESS FURNITURE, LLC		2,476.20	11-MAY-15	2,476.20	Reconciled
358312	07-MAY-15		NATURALWELL, LLC		550.00	11-MAY-15	550.00	Reconciled
358313	07-MAY-15		NATURES IMAGE INC		986.50	12-MAY-15	986.50	Reconciled
358314	07-MAY-15		NEW PIG CORPORATION		488.44	14-MAY-15	488.44	Reconciled
358315	07-MAY-15		NINYO & MOORE		1,593.50	11-MAY-15	1,593.50	Reconciled
358316	07-MAY-15		OLIN CORPORATION		17,160.58	18-MAY-15	17,160.58	Reconciled
358317	07-MAY-15		ONESOURCE DISTRIBUTORS LLC		815.05	11-MAY-15	815.05	Reconciled
358318	07-MAY-15		ORANGE COUNTY AUTO PARTS CO		678.75	11-MAY-15	678.75	Reconciled
358319	07-MAY-15		ORANGE COUNTY BUSINESS COUNCIL		5,000.00	14-MAY-15	5,000.00	Reconciled
358320	07-MAY-15		ORANGE COUNTY SANITATION DISTRICT		1,570.00	21-MAY-15	1,570.00	Reconciled
358321	07-MAY-15		OUTSOURCE TECHNICAL LLC		20,212.00	15-MAY-15	20,212.00	Reconciled
358322	07-MAY-15		PACIFIC COAST BOLT CORP		877.40	12-MAY-15	877.40	Reconciled
358323	07-MAY-15		PACIFIC PARTS & CONTROLS INC		399.90	11-MAY-15	399.90	Reconciled
358324	07-MAY-15		PALL ADVANCED SEPARATIONS		56,250.00	18-MAY-15	56,250.00	Reconciled
358325	07-MAY-15		PARKHOUSE TIRE INC		3,020.72	12-MAY-15	3,020.72	Reconciled
358326	07-MAY-15		PINNACLE LANDSCAPE COMPANY		6,560.00	12-MAY-15	6,560.00	Reconciled
358327	07-MAY-15		PONTON INDUSTRIES INC		2,181.45	12-MAY-15	2,181.45	Reconciled
358328	07-MAY-15		PRAXAIR DISTRIBUTION INC		1,632.10	12-MAY-15	1,632.10	Reconciled
358329	07-MAY-15		PRES-TECH MANUFACTURER'S REPRESENTATIVES, INC.		125.00	11-MAY-15	125.00	Reconciled
358330	07-MAY-15		PRO GROWERS INC		3,317.69	18-MAY-15	3,317.69	Reconciled
358331	07-MAY-15		PROBOLSKY RESEARCH		46,075.00	13-MAY-15	46,075.00	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358332		07-MAY-15	PRUDENTIAL OVERALL SUPPLY		4,698.84	11-MAY-15	4,698.84	Reconciled
358333		07-MAY-15	PTI SAND & GRAVEL INC		1,013.29	12-MAY-15	1,013.29	Reconciled
358334		07-MAY-15	RACH, JOHN		27.35	14-MAY-15	27.35	Reconciled
358335		07-MAY-15	RAINBOW DISPOSAL CO INC		330.66			Negotiable
358336		07-MAY-15	RAM AIR ENGINEERING INC		5,840.80	12-MAY-15	5,840.80	Reconciled
358337		07-MAY-15	REED, JAMES D		1,953.47	18-MAY-15	1,953.47	Reconciled
358338		07-MAY-15	RESPONSE ENVELOPE, INC		4,695.30	15-MAY-15	4,695.30	Reconciled
358339		07-MAY-15	RINGCLEAR LLC		72.84	11-MAY-15	72.84	Reconciled
358340		07-MAY-15	RITEWAY AUTO PAINT		2,831.00	11-MAY-15	2,831.00	Reconciled
358341		07-MAY-15	RS HUGHES COMPANY, INC.		1,666.04	11-MAY-15	1,666.04	Reconciled
358342		07-MAY-15	RYAN HERCO PRODUCTS CORP		833.31	11-MAY-15	833.31	Reconciled
358343		07-MAY-15	SANTA ANA BLUE PRINT		538.26	12-MAY-15	538.26	Reconciled
358344		07-MAY-15	SANTA MARGARITA FORD		3,368.33	11-MAY-15	3,368.33	Reconciled
358345		07-MAY-15	SCHINDLER ELEVATOR CORPORATION		174.45	12-MAY-15	174.45	Reconciled
358346		07-MAY-15	SHAMROCK SUPPLY CO INC		4,216.21	11-MAY-15	4,216.21	Reconciled
358347		07-MAY-15	SIGMA-ALDRICH INC		308.98	13-MAY-15	308.98	Reconciled
358348		07-MAY-15	SIMI VALLEY LANDFILL AND RECYCLING CENTER		802.38	12-MAY-15	802.38	Reconciled
358349		07-MAY-15	SOUTHERN CALIFORNIA EDISON COMPANY		339,145.54	08-MAY-15	339,145.54	Reconciled
358350		07-MAY-15	SOUTHERN CALIFORNIA SECURITY CENTER, INC.		1,075.28	15-MAY-15	1,075.28	Reconciled
358351		07-MAY-15	SOUTHERN COUNTIES LUBRICANTS LLC		1,512.49	12-MAY-15	1,512.49	Reconciled
358352		07-MAY-15	STANDARD REGISTER COMPANY		2,564.19	12-MAY-15	2,564.19	Reconciled
358353		07-MAY-15	STANTEC CONSULTING SERVICES INC.		17,962.00	13-MAY-15	17,962.00	Reconciled
358354		07-MAY-15	STETSON ENGINEERS INC.		914.57	11-MAY-15	914.57	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358355		07-MAY-15	SULLY-MILLER CONTRACTING CO.		222,473.66	13-MAY-15	222,473.66	Reconciled
358356		07-MAY-15	TELEDYNE ISCO, INC.		195.48	14-MAY-15	195.48	Reconciled
358357		07-MAY-15	TEMPES, KRISTA		43.22	13-MAY-15	43.22	Reconciled
358358		07-MAY-15	TESTAMERICA LABORATORIES, INC		3,703.65	13-MAY-15	3,703.65	Reconciled
358359		07-MAY-15	THE GAS COMPANY		65.81	19-MAY-15	65.81	Reconciled
358360		07-MAY-15	THYSSENKRUPP ELEVATOR CORPORATION		173.65	12-MAY-15	173.65	Reconciled
358361		07-MAY-15	TROPICAL PLAZA NURSERY INC		828.00	11-MAY-15	828.00	Reconciled
358362		07-MAY-15	TRUCPARCO		2,786.45	13-MAY-15	2,786.45	Reconciled
358363		07-MAY-15	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA		943.50	18-MAY-15	943.50	Reconciled
358364		07-MAY-15	UNITED SITE SERVICES OF CALIFORNIA INC		630.56	12-MAY-15	630.56	Reconciled
358365		07-MAY-15	UNITED STATES POST OFFICE		23,333.37	11-MAY-15	23,333.37	Reconciled
358366		07-MAY-15	V-KOOL INC.		2,547.31	12-MAY-15	2,547.31	Reconciled
358367		07-MAY-15	VA CONSULTING, INC		6,462.50	11-MAY-15	6,462.50	Reconciled
358368		07-MAY-15	VCI CONSTRUCTION INC		3,950.00	11-MAY-15	3,950.00	Reconciled

358369	07-MAY-15	VERIZON CALIFORNIA INC		266.38	13-MAY-15	266.38	Reconciled
358370	07-MAY-15	VERIZON WIRELESS SERVICES LLC		6,187.13	18-MAY-15	6,187.13	Reconciled
358371	07-MAY-15	VERTEX INC		3,950.00	12-MAY-15	3,950.00	Reconciled
358372	07-MAY-15	VIJ, PRABHA		382.96			Negotiable
358373	07-MAY-15	VULCAN MATERIALS COMPANY		1,352.39	11-MAY-15	1,352.39	Reconciled
358374	07-MAY-15	WANG, BIN		16.11	12-MAY-15	16.11	Reconciled
358375	07-MAY-15	WASTE MANAGEMENT OF ORANGE COUNTY		2,147.59	12-MAY-15	2,147.59	Reconciled
358376	07-MAY-15	WAXIE'S ENTERPRISES, INC		208.30	12-MAY-15	208.30	Reconciled
358377	07-MAY-15	WECK LABORATORIES INC		14,325.00	19-MAY-15	14,325.00	Reconciled
358378	07-MAY-15	WESTERN INDUSTRIAL ELECTRIC INC		14,559.49	19-MAY-15	14,559.49	Reconciled
358379	07-MAY-15	WIRELESS WATCHDOGS, LLC		864.00	15-MAY-15	864.00	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358380		07-MAY-15	WOODRUFF, SPRADLIN & SMART APC		2,720.40	11-MAY-15	2,720.40	Reconciled
358381		07-MAY-15	XU, YA		16.63	13-MAY-15	16.63	Reconciled
358382		07-MAY-15	YSI INCORPORATED		2,910.77	12-MAY-15	2,910.77	Reconciled
358383		07-MAY-15	ZEBRON CONTRACTING INC		32,440.00	15-MAY-15	32,440.00	Reconciled
358384		07-MAY-15	ZHANG, SHU-TIAN		22.10			Negotiable
358385		07-MAY-15	ZHONG, CHONGHUA		517.00	11-MAY-15	517.00	Reconciled
358386		11-MAY-15	ICHINOSE, HIROO	KANAGAWA	86.28			Negotiable
358387		14-MAY-15	Kalinsky, Arseny (Arseny)		5.67	15-MAY-15	5.67	Reconciled
358388		14-MAY-15	Bowman, Brandon (Brandon)		18.40			Negotiable
358389		14-MAY-15	Wilson, Brett		750.00	18-MAY-15	750.00	Reconciled
358390		14-MAY-15	Spangenberg, Carl W (Carl)		425.77	18-MAY-15	425.77	Reconciled
358391		14-MAY-15	Legault, Dan (Dan)		89.99	18-MAY-15	89.99	Reconciled
358392		14-MAY-15	Perez, David M (David)		97.18	27-MAY-15	97.18	Reconciled
358393		14-MAY-15	Doyle, Earl W		225.32	18-MAY-15	225.32	Reconciled
358394		14-MAY-15	Leal, Eliberto (Eliberto)		58.30	18-MAY-15	58.30	Reconciled
358395		14-MAY-15	Garza, Gaspar		242.64	22-MAY-15	242.64	Reconciled
358396		14-MAY-15	Cho, Harry K (Harry)		123.63	18-MAY-15	123.63	Reconciled
358397		14-MAY-15	Perez, Jesus J (Jesus)		25.59			Negotiable
358398		14-MAY-15	Moore, Jonathon C (Jon)		77.00			Negotiable
358399		14-MAY-15	Lewis, Lyndy R		128.38	18-MAY-15	128.38	Reconciled
358400		14-MAY-15	Marshall, Matt I (Matt)		31.20	21-MAY-15	31.20	Reconciled
358401		14-MAY-15	Hoffman, Michael John		86.39			Voided
358402		14-MAY-15	Sheilds, Patrick		30.00			Negotiable
358403		14-MAY-15	Harlow, Rusty (Rusty)		86.39	26-MAY-15	86.39	Reconciled
358404		14-MAY-15	Tegel, Zackariah W (Zack)		99.00			Negotiable
358405		15-MAY-15	Pio, Christine R (Chris)		61.53	18-MAY-15	61.53	Reconciled
358406		15-MAY-15	Reinhart, Douglas J		585.70	22-MAY-15	585.70	Reconciled
358407		15-MAY-15	Perez, Martin C (Martin)		120.00	26-MAY-15	120.00	Reconciled

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Payment Document : IRWD CHECK								
358408		15-MAY-15	Matheis, Mary Aileen		636.72	26-MAY-15	636.72	Reconciled
358409		15-MAY-15	Sitzler, Roberta K (Roberta)		1,230.99	18-MAY-15	1,230.99	Reconciled
358410		15-MAY-15	Beltran, Scott A (Scott)		50.50	19-MAY-15	50.50	Reconciled
358411		15-MAY-15	LaMar, Steven E		124.40	20-MAY-15	124.40	Reconciled
358412		15-MAY-15	WALTERS WHOLESALE LONG BEACH ELECTRIC		5,967.58	19-MAY-15	5,967.58	Reconciled

358413	15-MAY-15	ADS LLC	1,991.00	18-MAY-15	1,991.00	Reconciled
358414	15-MAY-15	AGILENT TECHNOLOGIES, INC.	764.64	18-MAY-15	764.64	Reconciled
358415	15-MAY-15	AIRGAS-WEST, INC.	1,175.88	18-MAY-15	1,175.88	Reconciled
358416	15-MAY-15	AKM CONSULTING ENGINEERS, INC.	23,290.00	20-MAY-15	23,290.00	Reconciled
358417	15-MAY-15	ALL AMERICAN SEWER TOOLS	522.51	18-MAY-15	522.51	Reconciled
358418	15-MAY-15	ALPHA TRAFFIC SERVICES, INC.	520.00	18-MAY-15	520.00	Reconciled
358419	15-MAY-15	ANTHEM BLUE CROSS	562.26	18-MAY-15	562.26	Reconciled
358420	15-MAY-15	APCO GRAPHICS INC	161.70	18-MAY-15	161.70	Reconciled
358421	15-MAY-15	ARCADIS U.S., INC.	83,095.92	22-MAY-15	83,095.92	Reconciled
358422	15-MAY-15	ARMANI, SHANNON	156.41			Negotiable
358423	15-MAY-15	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA	33,054.14	22-MAY-15	33,054.14	Reconciled
358424	15-MAY-15	AT&T	1,627.93	20-MAY-15	1,627.93	Reconciled
358425	15-MAY-15	AT&T	2,014.33	19-MAY-15	2,014.33	Reconciled
358426	15-MAY-15	ATHENS SERVICES	5,121.63	20-MAY-15	5,121.63	Reconciled
358427	15-MAY-15	BIGWIG MONSTER, LLC	450.00	18-MAY-15	450.00	Reconciled
358428	15-MAY-15	BURKE, WILLIAMS & SORENSEN, LLP	130.00	19-MAY-15	130.00	Reconciled
358429	15-MAY-15	C WELLS PIPELINE MATERIALS INC	652.86	21-MAY-15	652.86	Reconciled
358430	15-MAY-15	CALIFORNIA BARRICADE INC	3,670.00	21-MAY-15	3,670.00	Reconciled
358431	15-MAY-15	CANON FINANCIAL SERVICES, INC	8,422.12	19-MAY-15	8,422.12	Reconciled
358432	15-MAY-15	CANON SOLUTIONS AMERICA, INC.	6,432.40	18-MAY-15	6,432.40	Reconciled
358433	15-MAY-15	CEMEX, INC.	1,927.80	18-MAY-15	1,927.80	Reconciled
358434	15-MAY-15	CHEM TECH INTERNATIONAL INC	13,516.80			Negotiable
358435	15-MAY-15	CITY CIRCUIT BREAKERS	189.00	20-MAY-15	189.00	Reconciled

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 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								
358436		15-MAY-15	CIVILSOURCE, INC.		32,732.00	22-MAY-15	32,732.00	Reconciled
358437		15-MAY-15	CLEAN ENERGY		1,098.89	21-MAY-15	1,098.89	Reconciled
358438		15-MAY-15	CLEARINGHOUSE		477.67	26-MAY-15	477.67	Reconciled
358439		15-MAY-15	COAST PLUMBING HEATING AND AIR, INC		4,890.00	18-MAY-15	4,890.00	Reconciled
358440		15-MAY-15	COMMERCIAL DOOR OF ORANGE COUNTY, INC.		9,544.31	20-MAY-15	9,544.31	Reconciled
358441		15-MAY-15	CORELOGIC INC		84.00	21-MAY-15	84.00	Reconciled
358442		15-MAY-15	CR & R INCORPORATED		144.30	19-MAY-15	144.30	Reconciled
358443		15-MAY-15	CREDENTIAL CHECK CORPORATION		1,062.00	19-MAY-15	1,062.00	Reconciled
358444		15-MAY-15	DDB ENGINEERING, INC.		1,080.00	20-MAY-15	1,080.00	Reconciled
358445		15-MAY-15	DISCOVERY SCIENCE CENTER		7,503.78	20-MAY-15	7,503.78	Reconciled
358446		15-MAY-15	DMS FACILITY SERVICES, INC.		270.25	19-MAY-15	270.25	Reconciled
358447		15-MAY-15	EAGLE AERIAL IMAGING		18,900.00	22-MAY-15	18,900.00	Reconciled
358448		15-MAY-15	EAGLE PRINT DYNAMICS		961.90	18-MAY-15	961.90	Reconciled
358449		15-MAY-15	EDUCATIONAL CREDIT MANAGEMENT CORPORATION		199.71	19-MAY-15	199.71	Reconciled
358450		15-MAY-15	EI&C ENGINEERING INC		31,590.00	27-MAY-15	31,590.00	Reconciled
358451		15-MAY-15	EMERGENCY POWER CONTROLS INC		2,400.00	20-MAY-15	2,400.00	Reconciled
358452		15-MAY-15	EMPLOYEE BENEFIT SPECIALIST, INC		1,040.00	19-MAY-15	1,040.00	Reconciled
358453		15-MAY-15	ENTERPRISE SECURITY, INC		393.75	18-MAY-15	393.75	Reconciled
358454		15-MAY-15	ENVIRONMENTAL RESOURCE ASSOCIATES		2,789.50	21-MAY-15	2,789.50	Reconciled
358455		15-MAY-15	ENVIRONMENTAL SCIENCE ASSOCIATES		32,422.32	22-MAY-15	32,422.32	Reconciled
358456		15-MAY-15	EXECUTIVE LIGHTING & ELECTRIC		7,108.91	20-MAY-15	7,108.91	Reconciled
358457		15-MAY-15	FARRELL & ASSOCIATES		124.91	22-MAY-15	124.91	Reconciled
358458		15-MAY-15	FEDEX		336.68	20-MAY-15	336.68	Reconciled
358459		15-MAY-15	FERGUSON, DAVID		1,950.00	26-MAY-15	1,950.00	Reconciled

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

Account: Checking AP and PR Page: 11  
 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								
358460		15-MAY-15	FIDELITY SECURITY LIFE INSURANCE COMPANY		6,203.69	20-MAY-15	6,203.69	Reconciled
358461		15-MAY-15	FIRST CHOICE SERVICES		248.78	20-MAY-15	248.78	Reconciled
358462		15-MAY-15	FISHER SCIENTIFIC COMPANY LLC		2,504.94	20-MAY-15	2,504.94	Reconciled
358463		15-MAY-15	FLEET SOLUTIONS LLC		4,366.15	18-MAY-15	4,366.15	Reconciled
358464		15-MAY-15	FORESTRY SUPPLIERS INC		258.93	18-MAY-15	258.93	Reconciled
358465		15-MAY-15	FUSCOE ENGINEERING, INC		13,500.00	20-MAY-15	13,500.00	Reconciled
358466		15-MAY-15	GANAHL LUMBER CO.		879.76	20-MAY-15	879.76	Reconciled
358467		15-MAY-15	GHD INC.		25,080.00	22-MAY-15	25,080.00	Reconciled
358468		15-MAY-15	GRAINGER		3,465.15	19-MAY-15	3,465.15	Reconciled
358469		15-MAY-15	HACH COMPANY		179.34	18-MAY-15	179.34	Reconciled
358470		15-MAY-15	HAMILTON, KURT		1,143.67			Negotiable
358471		15-MAY-15	HARMSWORTH ASSOCIATES		1,998.00	18-MAY-15	1,998.00	Reconciled
358472		15-MAY-15	HDR ENGINEERING INC		202,494.73	21-MAY-15	202,494.73	Reconciled
358473		15-MAY-15	HELPMATES STAFFING SERVICES		1,522.75	18-MAY-15	1,522.75	Reconciled
358474		15-MAY-15	HILL BROTHERS CHEMICAL COMPANY		7,886.30	19-MAY-15	7,886.30	Reconciled
358475		15-MAY-15	HOME DEPOT USA INC		521.90	20-MAY-15	521.90	Reconciled
358476		15-MAY-15	HUNSAKER & ASSOCIATES IRVINE		672.00	19-MAY-15	672.00	Reconciled
358477		15-MAY-15	HYDRO-SCAPE PRODUCTS INC		138.03	18-MAY-15	138.03	Reconciled
358478		15-MAY-15	IBM CORPORATION		925.00	20-MAY-15	925.00	Reconciled
358479		15-MAY-15	II FUELS INC		20,305.72	20-MAY-15	20,305.72	Reconciled
358480		15-MAY-15	INDUSTRIAL METAL SUPPLY CO		476.37	18-MAY-15	476.37	Reconciled
358481		15-MAY-15	IRVINE COMMUNITY DEVELOPMENT COMPANY LLC		405,096.50	26-MAY-15	405,096.50	Reconciled
358482		15-MAY-15	IRVINE PIPE & SUPPLY INC		2,732.45	18-MAY-15	2,732.45	Reconciled
358483		15-MAY-15	IRWD EMPLOYEE ASSOCIATION		760.00			Negotiable
358484		15-MAY-15	JCI JONES CHEMICALS INC		3,315.63	19-MAY-15	3,315.63	Reconciled
358485		15-MAY-15	JOHN CRANE, INC.		681.35	20-MAY-15	681.35	Reconciled
358486		15-MAY-15	JOHN MICHAEL COVAS		194.20	22-MAY-15	194.20	Reconciled
IRWD Ledger						Payment Register For	01-MAY-15 To 31-MAY-15	Report Date: 01-JUN-2015 13:12
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Bank Account Currency: USD ( US Dollar )			Payment Currency: USD ( US Dollar )			Display Supplier Address: No		
Payment Type: All								

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358487		15-MAY-15	KIM, SOON TAE		1,350.00	19-MAY-15	1,350.00	Reconciled
358488		15-MAY-15	LA HABRA FENCE COMPANY INC		4,947.00	19-MAY-15	4,947.00	Reconciled
358489		15-MAY-15	LCS TECHNOLOGIES, INC.		6,625.00	18-MAY-15	6,625.00	Reconciled
358490		15-MAY-15	LEE & RO, INC.		7,945.00	18-MAY-15	7,945.00	Reconciled
358491		15-MAY-15	MARK COMPANY		1,239.45			Negotiable
358492		15-MAY-15	MC FADDEN-DALE INDUSTRIAL		767.78	19-MAY-15	767.78	Reconciled
358493		15-MAY-15	MC MASTER CARR SUPPLY CO		1,560.20	21-MAY-15	1,560.20	Reconciled
358494		15-MAY-15	MCCALL'S METERS, INC.		2,553.65	19-MAY-15	2,553.65	Reconciled
358495		15-MAY-15	NATIONAL READY MIXED CONCRETE CO.		1,599.80	18-MAY-15	1,599.80	Reconciled
358496		15-MAY-15	NEPTUNE TECHNOLOGY GROUP, INC.		125,984.16	21-MAY-15	125,984.16	Reconciled
358497		15-MAY-15	NEW RESOURCES GROUP INC		1,042.00	18-MAY-15	1,042.00	Reconciled
358498		15-MAY-15	NOVACOAST INC		16,187.50	20-MAY-15	16,187.50	Reconciled
358499		15-MAY-15	OLIN CORPORATION		19,944.54	22-MAY-15	19,944.54	Reconciled
358500		15-MAY-15	ONESOURCE DISTRIBUTORS LLC		23,042.33	20-MAY-15	23,042.33	Reconciled
358501		15-MAY-15	ORANGE COUNTY FIRE AUTHORITY		1,868.00	19-MAY-15	1,868.00	Reconciled
358502		15-MAY-15	ORANGE COUNTY TREASURER		3,200.00	18-MAY-15	3,200.00	Reconciled
358503		15-MAY-15	PAC RIM		4,375.00	18-MAY-15	4,375.00	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
358504	15-MAY-15	ENGINEERING PACIFIC GAS AND ELECTRIC COMPANY			24.18	18-MAY-15	24.18	Reconciled
358505	15-MAY-15	PAPER DEPOT DOCUMENT DESTRUCTION LLC			778.07	22-MAY-15	778.07	Reconciled
358506	15-MAY-15	PARKHOUSE TIRE INC			652.54	19-MAY-15	652.54	Reconciled
358507	15-MAY-15	PEARPOINT			320.19	18-MAY-15	320.19	Reconciled
358508	15-MAY-15	PERS LONG TERM CARE			720.46	20-MAY-15	720.46	Reconciled
358509	15-MAY-15	PRAXAIR DISTRIBUTION INC			1,773.02	19-MAY-15	1,773.02	Reconciled
358510	15-MAY-15	PRO MOBILE AUTO DETAILING			250.00	18-MAY-15	250.00	Reconciled
358511	15-MAY-15	PRUDENTIAL OVERALL SUPPLY			154.30	18-MAY-15	154.30	Reconciled
358512	15-MAY-15	PSB INTEGRATED MARKETING			3,189.50	18-MAY-15	3,189.50	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 13  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358513	15-MAY-15	PTI SAND & GRAVEL INC			540.29	26-MAY-15	540.29	Reconciled
358514	15-MAY-15	QUALITY LAWN SERVICE			185.00	19-MAY-15	185.00	Reconciled
358515	15-MAY-15	R&B AUTOMATION INC			6,509.59	19-MAY-15	6,509.59	Reconciled
358516	15-MAY-15	RAM AIR ENGINEERING INC			2,266.17	19-MAY-15	2,266.17	Reconciled
358517	15-MAY-15	RED HAWK FIRE & SECURITY (CA) LLC			850.00	19-MAY-15	850.00	Reconciled
358518	15-MAY-15	RED HAWK FIRE & SECURITY (CA) LLC			550.00	19-MAY-15	550.00	Reconciled
358519	15-MAY-15	RICHARD C SLADE & ASSOCIATES LLC			18,480.00	27-MAY-15	18,480.00	Reconciled
358520	15-MAY-15	SANTA ANA BLUE PRINT			501.79	19-MAY-15	501.79	Reconciled
358521	15-MAY-15	SANTA MARGARITA WATER DISTRICT			26,370.51	20-MAY-15	26,370.51	Reconciled
358522	15-MAY-15	SEAL ANALYTICAL INC			327.22	19-MAY-15	327.22	Reconciled
358523	15-MAY-15	SHAMROCK SUPPLY CO INC			375.11	18-MAY-15	375.11	Reconciled
358524	15-MAY-15	SOUTH COAST WATER CO.			40.00	21-MAY-15	40.00	Reconciled
358525	15-MAY-15	SOUTHERN CALIFORNIA EDISON COMPANY			193,017.68	18-MAY-15	193,017.68	Reconciled
358526	15-MAY-15	SOUTHERN CALIFORNIA EDISON COMPANY			2,065.92	20-MAY-15	2,065.92	Reconciled
358527	15-MAY-15	SOUTHERN CALIFORNIA SECURITY CENTER, INC.			370.55	27-MAY-15	370.55	Reconciled
358528	15-MAY-15	SPARKLETTS			400.18	26-MAY-15	400.18	Reconciled
358529	15-MAY-15	STEVEN ENTERPRISES INC			1,051.92	18-MAY-15	1,051.92	Reconciled
358530	15-MAY-15	SULLY MILLER CONTRACTING CO			1,453.91	18-MAY-15	1,453.91	Reconciled
358531	15-MAY-15	TAIT ENVIRONMENTAL SERVICES INC			2,470.70	20-MAY-15	2,470.70	Reconciled
358532	15-MAY-15	TELEDYNE INSTRUMENTS, INC.			5,169.96	22-MAY-15	5,169.96	Reconciled
358533	15-MAY-15	TESTAMERICA LABORATORIES, INC			532.15	20-MAY-15	532.15	Reconciled
358534	15-MAY-15	THE GAS COMPANY			50.00	26-MAY-15	50.00	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 14  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358535	15-MAY-15	TROPICAL PLAZA NURSERY INC			8,526.86	18-MAY-15	8,526.86	Reconciled
358536	15-MAY-15	TRUCPARCO			194.14	22-MAY-15	194.14	Reconciled
358537	15-MAY-15	TRUGREEN LANDCARE			280.00	18-MAY-15	280.00	Reconciled
358538	15-MAY-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.			460.00	18-MAY-15	460.00	Reconciled
358539	15-MAY-15	ULTRA SCIENTIFIC			1,428.85	19-MAY-15	1,428.85	Reconciled
358540	15-MAY-15	UNITED PARCEL SERVICE INC			147.98	18-MAY-15	147.98	Reconciled

358541	15-MAY-15	USA BLUEBOOK	143.23	26-MAY-15	143.23	Reconciled
358542	15-MAY-15	UTILITY SYSTEMS SCIENCE & SOFTWARE INC.	11,862.00	20-MAY-15	11,862.00	Reconciled
358543	15-MAY-15	VERIZON CALIFORNIA INC	49.33	20-MAY-15	49.33	Reconciled
358544	15-MAY-15	VERTECH INDUSTRIAL SYSTEMS, LLC	22,877.03	21-MAY-15	22,877.03	Reconciled
358545	15-MAY-15	VWR INTERNATIONAL, LLC	4,875.68	19-MAY-15	4,875.68	Reconciled
358546	15-MAY-15	WASTE MANAGEMENT OF ORANGE COUNTY	2,541.85	18-MAY-15	2,541.85	Reconciled
358547	15-MAY-15	WATERSMART SOFTWARE, INC	7,500.00	18-MAY-15	7,500.00	Reconciled
358548	15-MAY-15	WAXIE'S ENTERPRISES, INC	507.45	19-MAY-15	507.45	Reconciled
358549	15-MAY-15	WECK LABORATORIES INC	24,820.00	20-MAY-15	24,820.00	Reconciled
358550	15-MAY-15	WOODBIDGE SOMERSET	1,235.10	22-MAY-15	1,235.10	Reconciled
358551	15-MAY-15	YP LLC	123.50	19-MAY-15	123.50	Reconciled
358552	15-MAY-15	ZEBRON CONTRACTING INC	61,210.00	20-MAY-15	61,210.00	Reconciled
358553	15-MAY-15	ZEE MEDICAL SERVICE CO	1,240.24	18-MAY-15	1,240.24	Reconciled
358554	16-MAY-15	ALLIANT INSURANCE PURCHASE_P SERVICES,INC AY	56,790.00	18-MAY-15	56,790.00	Reconciled
358555	19-MAY-15	JCI JONES CINCINNATI CHEMICALS INC	5,505.50	26-MAY-15	5,505.50	Reconciled
358556	21-MAY-15	Nieto, Agustin	50.02	27-MAY-15	50.02	Reconciled
358557	21-MAY-15	Legault, Dan (Dan)	750.00	26-MAY-15	750.00	Reconciled
358558	21-MAY-15	La, Jason (Jason)	62.10			Negotiable
358559	21-MAY-15	Figueroa, Jorge (Jorge)	750.00	26-MAY-15	750.00	Reconciled
358560	21-MAY-15	Pfister, Ken D (Ken)	155.37	26-MAY-15	155.37	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								
358561		21-MAY-15	Oldewage, Lars D (Lars)		508.69	26-MAY-15	508.69	Reconciled
358562		21-MAY-15	Bonkowski, Leslie A (Leslie)		192.97	22-MAY-15	192.97	Reconciled
358563		21-MAY-15	Stuvick, Lindsey R		124.07	21-MAY-15	124.07	Reconciled
358564		21-MAY-15	Howell, Martin W (Marty)		300.00			Negotiable
358565		21-MAY-15	Veeh, Matthew R		13.80			Negotiable
358566		21-MAY-15	Velazquez, Moises		86.39	26-MAY-15	86.39	Reconciled
358567		21-MAY-15	Ruiz, Ricky (Ricky)		20.02			Negotiable
358568		21-MAY-15	Donnelly, Stephen P (Stephen)		321.00	26-MAY-15	321.00	Reconciled
358569		21-MAY-15	Norman, Tammy		23.24			Negotiable
358570		21-MAY-15	Fournier, Tanja L (Tanja)		69.37	21-MAY-15	69.37	Reconciled
358571		21-MAY-15	Bonkowski, Thomas J (Thomas)		28.87	22-MAY-15	28.87	Reconciled
358572		21-MAY-15	ORANGETREE CONDO	PAY	5,280.30			Negotiable
358573		21-MAY-15	ORANGETREE CONDO	PAY	4,006.37			Negotiable
358574		21-MAY-15	ORANGETREE CONDO	PAY	5,827.89			Negotiable
358575		21-MAY-15	ADVANCED ELECTRONICS INC		2,187.90	26-MAY-15	2,187.90	Reconciled
358576		21-MAY-15	AIRGAS-WEST, INC.		1,306.43	26-MAY-15	1,306.43	Reconciled
358577		21-MAY-15	ALPHA TRAFFIC SERVICES, INC.		570.00	27-MAY-15	570.00	Reconciled
358578		21-MAY-15	APPLIED INDUSTRIAL TECHNOLOGIES - CA LLC		32.40	26-MAY-15	32.40	Reconciled
358579		21-MAY-15	ARC-ZONE.COM, INC		47.52	27-MAY-15	47.52	Reconciled
358580		21-MAY-15	AT&T		3,537.82			Negotiable
358581		21-MAY-15	AT&T		48.36	27-MAY-15	48.36	Reconciled
358582		21-MAY-15	AUSTIN HARDWOODS, INC		170.66	27-MAY-15	170.66	Reconciled
358583		21-MAY-15	AUTOZONE PARTS, INC.		52.56	27-MAY-15	52.56	Reconciled
358584		21-MAY-15	BATTERIES PLUS AND BATTERIES PLUS BULBS		509.42			Negotiable
358585		21-MAY-15	BATTERY SPECIALTIES		114.63			Negotiable
358586		21-MAY-15	BDC SPECIAL WASTE		207.20	26-MAY-15	207.20	Reconciled
358587		21-MAY-15	BELL TOWER FLORIST & GIFTS		102.59			Negotiable
358588		21-MAY-15	BILL'S SWEEPING SERVICE INC		460.00	27-MAY-15	460.00	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 16

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								
358589		21-MAY-15	BIOMAGIC INC		8,522.49	26-MAY-15	8,522.49	Reconciled
358590		21-MAY-15	BORCHARD SURVEYING & MAPPING, INC.		1,865.00			Negotiable
358591		21-MAY-15	BOWIE, ARNESON, WILES & GIANNONE		35,381.33			Negotiable
358592		21-MAY-15	CALIFORNIA BARRICADE INC		6,055.00	27-MAY-15	6,055.00	Reconciled
358593		21-MAY-15	CALIFORNIA STATE UNIVERSITY, FULLERTON		2,800.00			Negotiable
358594		21-MAY-15	CANON FINANCIAL SERVICES, INC		600.48	27-MAY-15	600.48	Reconciled
358595		21-MAY-15	CAROLLO ENGINEERS, INC		20,239.00			Negotiable
358596		21-MAY-15	CITY OF ORANGE		133.93	26-MAY-15	133.93	Reconciled
358597		21-MAY-15	CITY OF SANTA ANA		11.19	26-MAY-15	11.19	Reconciled
358598		21-MAY-15	CLA-VAL COMPANY		3,040.98	26-MAY-15	3,040.98	Reconciled
358599		21-MAY-15	CNC ENGINEERING, INC		2,250.00			Negotiable
358600		21-MAY-15	COX COMMUNICATIONS		109.00	26-MAY-15	109.00	Reconciled
358601		21-MAY-15	CREDENTIAL CHECK CORPORATION		365.76	27-MAY-15	365.76	Reconciled
358602		21-MAY-15	CROCKER & CROCKER		7,747.41	26-MAY-15	7,747.41	Reconciled
358603		21-MAY-15	D & G SIGNS		2,115.60			Negotiable
358604		21-MAY-15	DEZURIK INC		1,408.32			Negotiable
358605		21-MAY-15	DIRECTV INC		117.15	27-MAY-15	117.15	Reconciled
358606		21-MAY-15	ELABRA INC		980.00	26-MAY-15	980.00	Reconciled
358607		21-MAY-15	ELITE EQUIPMENT, INC.		175.89			Negotiable
358608		21-MAY-15	EMA INC		645.00	26-MAY-15	645.00	Reconciled
358609		21-MAY-15	ENVIRONMENTAL RESOURCE ASSOCIATES		4,111.02			Negotiable
358610		21-MAY-15	EXECUTIVE LIGHTING & ELECTRIC		526.35	27-MAY-15	526.35	Reconciled
358611		21-MAY-15	EXPRESSAIR		71.40			Negotiable
358612		21-MAY-15	FASTENAL COMPANY		520.64	27-MAY-15	520.64	Reconciled
358613		21-MAY-15	FEDEX		143.63			Negotiable
358614		21-MAY-15	FIRE EXTINGUISHING SAFETY & SERVICE		479.63	27-MAY-15	479.63	Reconciled
358615		21-MAY-15	FIRST AMERICAN TITLE CO.		1,750.00	26-MAY-15	1,750.00	Reconciled
358616		21-MAY-15	FIRST CHOICE SERVICES		1,026.22			Negotiable
358617		21-MAY-15	FISERV		15,157.18			Negotiable

IRWD Ledger

BANK: Bank of America N.A.

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

Branch : Los Angeles

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

Account: Checking AP and PR

Payment Currency: USD ( US Dollar )

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Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358618		21-MAY-15	FISHER SCIENTIFIC COMPANY LLC		4,311.50	26-MAY-15	4,311.50	Reconciled
358619		21-MAY-15	FLOW SCIENCE INCORPORATED		4,531.50			Negotiable
358620		21-MAY-15	FRASER, SUSAN		56.74	26-MAY-15	56.74	Reconciled
358621		21-MAY-15	GANAHL LUMBER CO.		118.18			Negotiable
358622		21-MAY-15	GENERAL PUMP COMPANY INC		308,786.10			Negotiable
358623		21-MAY-15	GEORGE T HALL CO INC		123.54	27-MAY-15	123.54	Reconciled
358624		21-MAY-15	GRAINGER		807.43	26-MAY-15	807.43	Reconciled
358625		21-MAY-15	GRAYBAR ELECTRIC COMPANY		2,951.49	26-MAY-15	2,951.49	Reconciled
358626		21-MAY-15	H2O INNOVATION USA INC		3,959.28	27-MAY-15	3,959.28	Reconciled
358627		21-MAY-15	HACH COMPANY		1,601.07	27-MAY-15	1,601.07	Reconciled
358628		21-MAY-15	HARPER & ASSOCIATES ENGINEERING INC		4,375.00			Negotiable
358629		21-MAY-15	HELPMATES STAFFING SERVICES		1,550.25	26-MAY-15	1,550.25	Reconciled
358630		21-MAY-15	HICKMAN, LORRAINE		1.02	27-MAY-15	1.02	Reconciled
358631		21-MAY-15	HILL BROTHERS CHEMICAL COMPANY		9,233.35	26-MAY-15	9,233.35	Reconciled
358632		21-MAY-15	HOME DEPOT USA INC		771.13			Negotiable
358633		21-MAY-15	HUB CONSTRUCTION SPECIALTIES, INC.		2,646.00	26-MAY-15	2,646.00	Reconciled
358634		21-MAY-15	INDUSTRIAL METAL SUPPLY CO		585.29	26-MAY-15	585.29	Reconciled
358635		21-MAY-15	INLAND EMPIRE		20.00	27-MAY-15	20.00	Reconciled

358636	21-MAY-15	UTILITIES AGENCY IRVINE PIPE & SUPPLY INC	1,496.85	26-MAY-15	1,496.85	Reconciled
358637	21-MAY-15	JACOBS PROJECT MANAGEMENT CO.	19,600.00			Negotiable
358638	21-MAY-15	JCI JONES CHEMICALS INC	6,889.40	26-MAY-15	6,889.40	Reconciled
358639	21-MAY-15	JOHNATAN LIN SUPPLAMENTAL NEEDS TRUST	76.69			Negotiable
358640	21-MAY-15	KEMP-MEEK MFG, INC	1,393.57			Negotiable
358641	21-MAY-15	KIMBALL MIDWEST	765.27			Negotiable
358642	21-MAY-15	LENNAR HOMES	621.62			Negotiable
358643	21-MAY-15	LU'S LIGHTHOUSE, INC.	576.43	27-MAY-15	576.43	Reconciled
358644	21-MAY-15	MARVIN GARDENS LLC	2,593.70	21-MAY-15	2,593.70	Reconciled

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 18  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358645		21-MAY-15	MBC APPLIED ENVIRONMENTAL SCIENCES		1,300.00	26-MAY-15	1,300.00	Reconciled
358646		21-MAY-15	MC MASTER CARR SUPPLY CO		3,847.81			Negotiable
358647		21-MAY-15	MEIER, CAROL		44.37	26-MAY-15	44.37	Reconciled
358648		21-MAY-15	MOUSER ELECTRONICS, INC.		459.26	26-MAY-15	459.26	Reconciled
358649		21-MAY-15	MSC INDUSTRIAL SUPPLY CO		556.84			Negotiable
358650		21-MAY-15	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY		750.00	26-MAY-15	750.00	Reconciled
358651		21-MAY-15	NATIONAL READY MIXED CONCRETE CO.		513.00	26-MAY-15	513.00	Reconciled
358652		21-MAY-15	NAVIGANT CONSULTING, INC		19,894.00			Negotiable
358653		21-MAY-15	OLIN CORPORATION		14,226.34			Negotiable
358654		21-MAY-15	ORANGE COUNTY AUTO PARTS CO		985.75	26-MAY-15	985.75	Reconciled
358655		21-MAY-15	ORANGE COUNTY CURRENT AFFAIRS FORUM		1,000.00			Negotiable
358656		21-MAY-15	PACIFIC HYDROTECH CORPORATION		5,364.05			Negotiable
358657		21-MAY-15	PACIFIC HYDROTECH CORPORATION		101,917.01			Negotiable
358658		21-MAY-15	PACIFIC RESOURCE RECOVERY		2,549.60	26-MAY-15	2,549.60	Reconciled
358659		21-MAY-15	PAULUS ENGINEERING INC		148,527.60			Negotiable
358660		21-MAY-15	PAYNE & FEARS LLP		12,916.00			Negotiable
358661		21-MAY-15	PEARPOINT		6,108.60	26-MAY-15	6,108.60	Reconciled
358662		21-MAY-15	PINNACLE TOWERS LLC		640.42	26-MAY-15	640.42	Reconciled
358663		21-MAY-15	PRAXAIR DISTRIBUTION INC		1,162.23	27-MAY-15	1,162.23	Reconciled
358664		21-MAY-15	PRO MOBILE AUTO DETAILING		200.00			Negotiable
358665		21-MAY-15	PULSCO INC		1,425.63			Negotiable
358666		21-MAY-15	R C FOSTER CORPORATION		86,106.06			Negotiable
358667		21-MAY-15	R&B AUTOMATION, INC.		9,414.24	27-MAY-15	9,414.24	Reconciled
358668		21-MAY-15	RAM AIR ENGINEERING INC		1,885.72	26-MAY-15	1,885.72	Reconciled

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 19  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358669		21-MAY-15	REFRIGERATION SUPPLIES DISTRIBUTOR		370.76	27-MAY-15	370.76	Reconciled
358670		21-MAY-15	RESOURCE BUILDING MATERIAL		577.68	27-MAY-15	577.68	Reconciled
358671		21-MAY-15	RINCON TRUCK CENTER INC.		1,517.70	26-MAY-15	1,517.70	Reconciled
358672		21-MAY-15	RINCON TRUCK CENTER INC.		320.76	26-MAY-15	320.76	Reconciled
358673		21-MAY-15	RIOLA, KATHLEEN		17.68			Negotiable
358674		21-MAY-15	ROADWAY		251.68			Negotiable

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
358675		21-MAY-15	ENGINEERING & CONTRACTING INC ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT		33,010.81			Voided
358676		21-MAY-15	SAFETY-KLEEN SYSTEMS, INC		957.90			Negotiable
358677		21-MAY-15	SANDERS PAVING INC		36,607.00			Negotiable
358678		21-MAY-15	SANTA ANA BLUE PRINT		30.00	27-MAY-15	30.00	Reconciled
358679		21-MAY-15	SANTA MARGARITA FORD		632.19	26-MAY-15	632.19	Reconciled
358680		21-MAY-15	SARBS-CALIFORNIA WATER		140.00			Negotiable
358681		21-MAY-15	SCHULER ENGINEERING CORPORATION		149,570.30			Negotiable
358682		21-MAY-15	SECURTEC DISTRICT PATROL, INC.		10,600.00			Negotiable
358683		21-MAY-15	SHAMROCK SUPPLY CO INC		1,943.99	26-MAY-15	1,943.99	Reconciled
358684		21-MAY-15	SIGMA-ALDRICH INC		1,121.66	26-MAY-15	1,121.66	Reconciled
358685		21-MAY-15	SOUTH COAST WATER CO.		281.68			Negotiable
358686		21-MAY-15	SOUTH COAST WATER DISTRICT		2,481.00	26-MAY-15	2,481.00	Reconciled
358687		21-MAY-15	SOUTHERN CALIFORNIA EDISON COMPANY		600.00	26-MAY-15	600.00	Reconciled
358688		21-MAY-15	SOUTHERN CALIFORNIA EDISON COMPANY		267,433.27	26-MAY-15	267,433.27	Reconciled

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 20  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358689		21-MAY-15	SOUTHERN CALIFORNIA SECURITY CENTER, INC.		581.44			Negotiable
358690		21-MAY-15	STANDARD & POOR'S FINANCIAL SERVICES LLC		5,000.00	26-MAY-15	5,000.00	Reconciled
358691		21-MAY-15	STATE BOARD OF EQUALIZATION		5,132.00			Negotiable
358692		21-MAY-15	SUARES, TANIA K		47.69			Negotiable
358693		21-MAY-15	SUPER BRIGHT LEDS, INC		57.01			Negotiable
358694		21-MAY-15	SYNAGRO-WWT, INC.		712,532.72			Negotiable
358695		21-MAY-15	TEKDRAULICS		4,040.28			Negotiable
358696		21-MAY-15	TESTAMERICA LABORATORIES, INC		192.15	27-MAY-15	192.15	Reconciled
358697		21-MAY-15	THE GAS COMPANY		1,666.18			Negotiable
358698		21-MAY-15	THOMAS HARDER & CO		2,107.50			Negotiable
358699		21-MAY-15	TRAN, CLARA		39.33			Negotiable
358700		21-MAY-15	TRANSCAT, INC		7,704.96	26-MAY-15	7,704.96	Reconciled
358701		21-MAY-15	TRIPAC MARKETING INC		1,107.75	27-MAY-15	1,107.75	Reconciled
358702		21-MAY-15	TROPICAL PLAZA NURSERY INC		30,832.56			Negotiable
358703		21-MAY-15	TRUCPARCO		1,797.81			Negotiable
358704		21-MAY-15	TRUGREEN LANDCARE		32,421.57			Negotiable
358705		21-MAY-15	TUSTIN UNIFIED SCHOOL DISTRICT		717.00			Negotiable
358706		21-MAY-15	U.S. HEALTHWORKS MEDICAL GROUP, P.C.		280.00	26-MAY-15	280.00	Reconciled
358707		21-MAY-15	ULTRA SCIENTIFIC		240.00	27-MAY-15	240.00	Reconciled
358708		21-MAY-15	UNITED PARCEL SERVICE INC		65.22	26-MAY-15	65.22	Reconciled
358709		21-MAY-15	URS CORPORATION		61,044.50			Negotiable
358710		21-MAY-15	VA CONSULTING, INC		7,590.00	27-MAY-15	7,590.00	Reconciled
358711		21-MAY-15	VCS ENVIRONMENTAL		778.75	26-MAY-15	778.75	Reconciled
358712		21-MAY-15	VERIZON CALIFORNIA INC		261.64	27-MAY-15	261.64	Reconciled
358713		21-MAY-15	VULCAN MATERIALS COMPANY		1,360.89	26-MAY-15	1,360.89	Reconciled
358714		21-MAY-15	VWR INTERNATIONAL, LLC		418.84	27-MAY-15	418.84	Reconciled
358715		21-MAY-15	WALTERS WHOLESALE ELECTRIC		143.74	27-MAY-15	143.74	Reconciled
358716		21-MAY-15	WARE MALCOMB		1,047.82	26-MAY-15	1,047.82	Reconciled

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 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								
358717		21-MAY-15	WAXIE'S ENTERPRISES, INC		1,652.47			Negotiable
358718		21-MAY-15	WEAZER, GAIL		95.74			Negotiable
358719		21-MAY-15	WECK LABORATORIES INC		598.00			Negotiable
358720		21-MAY-15	WESTERN WATER WORKS SUPPLY COMPANY		1,943.54	27-MAY-15	1,943.54	Reconciled
358721		21-MAY-15	YORKE ENGINEERING LLC		2,518.24	27-MAY-15	2,518.24	Reconciled
358722		26-MAY-15	THE IRVINE COMPANY	NEWPORT BEACH	4,435.00			Negotiable
358723		26-MAY-15	DAVID WOJTASZEK	PAY	37.75			Negotiable
358724		26-MAY-15	HUANG, XIN	PAY	81.00			Negotiable
358725		26-MAY-15	ROW, MICHAEL	PAY	28.15			Negotiable
358726		26-MAY-15	MARSHALL, STEPHANIE	ORANGE	579.94			Negotiable
358727		26-MAY-15	ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT	BAKERSFIELD D 2	33,344.25			Negotiable
358728		27-MAY-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	PAY	0.00			Negotiable
358729		27-MAY-15	ORANGE COUNTY SANITATION DISTRICT	FOUNTAIN VALLEY	1,570.00			Negotiable
358730		27-MAY-15	ACCURATE AIR ENGINEERING INC		1,056.58			Negotiable
358731		27-MAY-15	ADVANCED ENVIRONMENTAL COMPLIANCE, LLC		6,520.00			Negotiable
358732		27-MAY-15	AIRGAS-WEST, INC.		712.80			Negotiable
358733		27-MAY-15	ALSTON & BIRD LLP		360.50			Negotiable
358734		27-MAY-15	AQUA-METRIC SALES COMPANY		52,514.57			Negotiable
358735		27-MAY-15	ASHFORD, WALT		374.42			Negotiable
358736		27-MAY-15	AT&T		94.75			Negotiable
358737		27-MAY-15	AT&T		1,133.85			Negotiable
358738		27-MAY-15	BEZA, LUIS		498.77			Negotiable
358739		27-MAY-15	BIOENERGY ASSOCIATION OF CALIFORNIA		2,500.00			Negotiable
358740		27-MAY-15	BRITTON, EDWARD M		311.37			Negotiable
358741		27-MAY-15	C WELLS PIPELINE MATERIALS INC		842.40			Negotiable
IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12								
BANK: Bank of America N.A. Branch: Los Angeles Account: Checking AP and PR Page: 22								
Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar )								
Payment Type: All Display Supplier Address: No								

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
358742		27-MAY-15	CALIFORNIA BARRICADE INC		5,237.50			Negotiable
358743		27-MAY-15	CALIFORNIA PACIFIC HOMES		35.94			Negotiable
358744		27-MAY-15	CEMEX, INC.		1,025.16			Negotiable
358745		27-MAY-15	CITY OF NEWPORT BEACH		319.38			Negotiable
358746		27-MAY-15	CITY OF NEWPORT BEACH		995.63			Negotiable
358747		27-MAY-15	COMMERCIAL DOOR OF ORANGE COUNTY, INC.		1,208.12			Negotiable
358748		27-MAY-15	COUNTY OF ORANGE		1,210.00			Negotiable
358749		27-MAY-15	COX COMMUNICATIONS		3,311.19			Negotiable
358750		27-MAY-15	CRUMP & CO, INC.		34,323.20			Negotiable
358751		27-MAY-15	DATA CLEAN CORPORATION		513.25			Negotiable
358752		27-MAY-15	DIRECT DRIVES & CONTROLS INC		1,096.08			Negotiable
358753		27-MAY-15	DIVERSIFIED PROTECTION SYSTEMS, INC.		7,914.00			Negotiable
358754		27-MAY-15	DUDEK		1,767.50			Negotiable
358755		27-MAY-15	ENVIRONMENTAL RESOURCE ASSOCIATES		1,653.25			Negotiable
358756		27-MAY-15	FIERRO, SERGIO D		3,324.99			Negotiable
358757		27-MAY-15	FISHER SCIENTIFIC COMPANY LLC		504.73			Negotiable
358758		27-MAY-15	FRED EMMERT		5,754.35			Negotiable
358759		27-MAY-15	FRONTLINE MANAGEMENT INC		4,668.60			Negotiable
358760		27-MAY-15	GRAINGER		465.05			Negotiable
358761		27-MAY-15	GREAT CLIPS		19.30			Negotiable

358762	27-MAY-15	HDR ENGINEERING INC	9,870.88	Negotiable
358763	27-MAY-15	HELEN CICINO FABIAN	2,429.22	Negotiable
358764	27-MAY-15	HELPMATES STAFFING SERVICES	3,430.73	Negotiable
358765	27-MAY-15	HILL BROTHERS CHEMICAL COMPANY	6,030.00	Negotiable
358766	27-MAY-15	HOME DEPOT USA INC	38.02	Negotiable
358767	27-MAY-15	IBM CORPORATION	3,821.00	Negotiable
358768	27-MAY-15	INDUSTRIAL METAL SUPPLY CO	240.90	Negotiable

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 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								
358769		27-MAY-15	IRON MOUNTAIN INFORMATION MANAGEMENT INC		1,850.91			Negotiable
358770		27-MAY-15	IRVINE PIPE & SUPPLY INC		289.66			Negotiable
358771		27-MAY-15	IRWD-PETTY CASH CUSTODIAN		1,053.23			Negotiable
358772		27-MAY-15	KELLEY BLUE BOOK, INC.		98.00			Negotiable
358773		27-MAY-15	KONECRANES INC		3,802.00			Negotiable
358774		27-MAY-15	LGC GEOTECHNICAL, INC.		3,227.50			Negotiable
358775		27-MAY-15	LINE-X OF SOUTH COAST		678.00			Negotiable
358776		27-MAY-15	MARK ENTERPRISES, INC.		22,267.76			Negotiable
358777		27-MAY-15	MC FADDEN-DALE INDUSTRIAL		135.97			Negotiable
358778		27-MAY-15	MC MASTER CARR SUPPLY CO		707.62			Negotiable
358779		27-MAY-15	MOBILE MODULAR MANAGEMENT CORPORATION		972.00			Negotiable
358780		27-MAY-15	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY		879.57			Negotiable
358781		27-MAY-15	MUTUAL PROPANE		63.00			Negotiable
358782		27-MAY-15	NATIONAL READY MIXED CONCRETE CO.		756.00			Negotiable
358783		27-MAY-15	NEWPORT WINDOW MAINTENANCE INC		1,002.00			Negotiable
358784		27-MAY-15	NOVACOAST INC		10,150.00			Negotiable
358785		27-MAY-15	O'HAREN GOVERNMENT RELATIONS		6,500.00			Negotiable
358786		27-MAY-15	OLIN CORPORATION		13,744.14			Negotiable
358787		27-MAY-15	OLSON HAGEL FISHBURN, LLP		190.00			Negotiable
358788		27-MAY-15	ORACLE AMERICA, INC.		385,777.28			Negotiable
358789		27-MAY-15	ORANGE COUNTY LEAGUE OF CONSERVATION VOTERS		225.00			Negotiable
358790		27-MAY-15	ORANGETREE CONDO OUTSOURCE		111.22			Negotiable
358791		27-MAY-15	TECHNICAL LLC		24,304.00			Negotiable

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 24  
 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								
358792		27-MAY-15	PACIFIC COAST BOLT CORP		7,002.62			Negotiable
358793		27-MAY-15	PARKWAY LAWNMOWER SHOP		141.19			Negotiable
358794		27-MAY-15	PAULUS ENGINEERING INC		4,374.27			Negotiable
358795		27-MAY-15	PHILLIPS PLYWOOD CO, INC.		489.09			Negotiable
358796		27-MAY-15	PONOMAREV, VLADIMIR		81.70			Negotiable
358797		27-MAY-15	PRAXAIR DISTRIBUTION INC		2,120.98			Negotiable
358798		27-MAY-15	PRO MOBILE AUTO DETAILING		300.00			Negotiable
358799		27-MAY-15	PURE EFFECT INC		5,955.00			Negotiable

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
358800		27-MAY-15	QUALITY LAWN SERVICE		75.00			Negotiable
358801		27-MAY-15	RBF CONSULTING		7,303.56			Negotiable
358802		27-MAY-15	REIS, RAQUEL		20.34			Negotiable
358803		27-MAY-15	SANCON ENGINEERING, INC.		6,680.26			Negotiable
358804		27-MAY-15	SANTA ANA BLUE PRINT		161.10			Negotiable
358805		27-MAY-15	SHAMROCK SUPPLY CO INC		9.71			Negotiable
358806		27-MAY-15	SHERWIN WILLIAMS COMPANY		405.00			Negotiable
358807		27-MAY-15	SIRIUS COMPUTER SOLUTIONS INC		26,989.92			Negotiable
358808		27-MAY-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		2,295.96			Negotiable
358809		27-MAY-15	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		2,725.24			Negotiable
358810		27-MAY-15	SOUTH ORANGE COUNTY REGIONAL CHAMBERS OF COMMERCE		2,500.00			Negotiable
358811		27-MAY-15	SOUTHERN CALIFORNIA EDISON COMPANY		107,642.88			Negotiable
358812		27-MAY-15	STANDARD & POOR'S FINANCIAL SERVICES LLC		3,500.00			Negotiable

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 25  
 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								
358813		27-MAY-15	STANTEC CONSULTING SERVICES INC.		770.00			Negotiable
358814		27-MAY-15	STATE INDUSTRIAL PRODUCTS CORPORATION		657.08			Negotiable
358815		27-MAY-15	SULLY-MILLER CONTRACTING CO.		86,463.74			Negotiable
358816		27-MAY-15	TEL SEC CONSULT, LLC		8,050.00			Negotiable
358817		27-MAY-15	TESTAMERICA LABORATORIES, INC		105.00			Negotiable
358818		27-MAY-15	THE FURMAN GROUP, INC.		11,636.00			Negotiable
358819		27-MAY-15	THOMAS, ANGELA		6,316.68			Negotiable
358820		27-MAY-15	TIC-IPG-COMMON		112.97			Negotiable
358821		27-MAY-15	TIC-SPECTRUM OFFICE		14.55			Negotiable
358822		27-MAY-15	UNITED PARCEL SERVICE INC		37.87			Negotiable
358823		27-MAY-15	UNITED SITE SERVICES OF CALIFORNIA INC		630.56			Negotiable
358824		27-MAY-15	URS CORPORATION		65.27			Negotiable
358825		27-MAY-15	VA CONSULTING, INC		2,060.00			Negotiable
358826		27-MAY-15	VCI CONSTRUCTION INC		2,324.88			Negotiable
358827		27-MAY-15	VERIZON CALIFORNIA INC		303.88			Negotiable
358828		27-MAY-15	WECK LABORATORIES INC		3,305.00			Negotiable
358829		27-MAY-15	WETHERGAGE MANAGMENT		68.27			Negotiable
358830		27-MAY-15	WILLIAMS, EDMOND		55.76			Negotiable
358831		27-MAY-15	WILMINGTON INSTRUMENT COMPANY INC		4,071.26			Negotiable
358832		27-MAY-15	WOODRUFF, SPRADLIN & SMART APC		608.00			Negotiable
358833		27-MAY-15	WU, LIH-JIUAN		427.66			Negotiable
358834		28-MAY-15	Nieto, Agustin		72.75			Negotiable
358835		28-MAY-15	Compton, Christine A		193.95			Negotiable
358836		28-MAY-15	Reinhart, Douglas J		525.15			Negotiable
358837		28-MAY-15	Bertsch, Frederick J (Jeff)		66.82			Negotiable

IRWD Ledger Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 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
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Payment Document : IRWD CHECK					
358838	28-MAY-15	Jackson, Gina C (Gina)		70.00	Negotiable
358839	28-MAY-15	Sanchez, Hector A (Hector)		750.00	Negotiable
358840	28-MAY-15	Withers, John B		546.55	Negotiable
358841	28-MAY-15	Amezcuca, Joshua E		98.45	Negotiable
358842	28-MAY-15	Perez, Martin C (Martin)		419.38	Negotiable
358843	28-MAY-15	Hoffman, Michael John		86.39	Negotiable
358844	28-MAY-15	Drzymkowski, Michele A (Michele)		240.00	Negotiable
358845	28-MAY-15	Swan, Peer		470.06	Negotiable
358846	29-MAY-15	IRWD EMPLOYEE ASSOCIATION	15600 SC	760.00	Negotiable
358847	29-MAY-15	PERS LONG TERM CARE	PASADENA	720.46	Negotiable
358848	29-MAY-15	EDUCATIONAL CREDITST MANAGEMENT CORPORATION	PAUL	199.71	Negotiable
358849	29-MAY-15	CLEARINGHOUSE	PHOENIX	507.67	Negotiable
358850	29-MAY-15	AFLAC	2801 DEVINE ST 1932 WYNNTON RD	471.81	Negotiable
358851	29-MAY-15	AFLAC		10,263.06	Negotiable
358852	29-MAY-15	PRE-PAID LEGAL SERVICES INC	PO BOX 2629	2,170.02	Negotiable
358853	29-MAY-15	COLONIAL LIFE & ACCIDENT INSURANCE CO.	COLUMBIA	1,830.66	Negotiable
358854	29-MAY-15	HARTFORD LIFE AND ACCIDENT INSURANCE COMPANY	ATLANTA	198.36	Negotiable
358855	29-MAY-15	SUSAN A. SIROTA	3 TITAN	4,195.00	Negotiable
Payment Document Subtotal:				7,023,383.52	4,049,248.81

Payment Document : IRWD Wire

10963	05-MAY-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	276.89	Negotiable
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IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles  
 Bank Account Currency: USD ( US Dollar )  
 Payment Type: All

Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 Account: Checking AP and PR Page: 27  
 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								
10964		05-MAY-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	3,918.32			Negotiable
10965		13-MAY-15	CALPERS	SACRAMENTO 1	380,317.34			Negotiable
10966		15-MAY-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	27,337.60			Negotiable
10967		19-MAY-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	10,516.30			Negotiable
10968		26-MAY-15	U.S. BANK NATIONALST. ASSOCIATION	ST. LOUIS	9,534.28			Negotiable
10969		26-MAY-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	176,110.00			Negotiable
10970		26-MAY-15	MUNICIPAL WATER DISTRICT OF ORANGEVALLEY COUNTY	FOUNTAIN	1,375,313.50			Negotiable
10971		26-MAY-15	UNITED STATES POSTLOS OFFICE	ANGELES	1,582.00			Negotiable
10972		27-MAY-15	YORK INSURANCE SERVICES GROUP INC - CA	PAY	11,956.21			Negotiable
10973		27-MAY-15	CALPERS	SACRAMENTO	84,850.02			Negotiable
10974		27-MAY-15	CALPERS	SACRAMENTO	89,432.89			Negotiable
10975		27-MAY-15	INTERNAL REVENUE SERVICE	FRESNO	159,088.11			Negotiable
10976		27-MAY-15	FRANCHISE TAX BOARD	SACRAMENTO	42,452.90			Negotiable
10977		27-MAY-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,215.86			Negotiable
10978		27-MAY-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17			Negotiable
10979		27-MAY-15	CALIFORNIA DEPARTMENT OF	SACRAMENTO	2,246.76			Negotiable

10980	27-MAY-15	CHILD SUPPORT SERVICES	EMPLOYEE BENEFIT PAY		10,349.69		Negotiable
10981	27-MAY-15	SPECIALIST, INC	GREAT-WEST LIFE & DENVER		97,658.86		Negotiable
10982	28-MAY-15	ANNUITY INSURANCE COMPANY	INTERNAL REVENUE FRESNO		159,269.25		Negotiable

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Report Date: 01-JUN-2015 13:12  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar ) Page: 28  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
10983		28-MAY-15	FRANCHISE TAX BOARD	SACRAMENTO	42,158.51			Negotiable
10984		28-MAY-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,236.47			Negotiable
10985		28-MAY-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17			Negotiable
10986		28-MAY-15	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	2,246.76			Negotiable
10987		28-MAY-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY DENVER	10,772.19			Negotiable
10988		28-MAY-15	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY	DENVER	101,457.43			Negotiable
10989		28-MAY-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	13,719.86			Negotiable
10990		28-MAY-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	5,360.27			Negotiable
10991		28-MAY-15	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	486.30			Negotiable
10992		28-MAY-15	U.S. BANK NATIONAL ASSOCIATION	PAY	2,330.11			Negotiable
10993		28-MAY-15	BANK OF AMERICA	SAN FRANCISCO	2,718.48			Negotiable
10994		28-MAY-15	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	1,730.96			Negotiable
10995		28-MAY-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	1,497.75			Negotiable
10996		28-MAY-15	MERRILL LYNCH CAPITAL SERVICES, INC	CHARLOTTE	340,000.00			Negotiable
10997		29-MAY-15	CALPERS	SACRAMENTO	85,040.58			Negotiable
10998		29-MAY-15	INTERNAL REVENUE SERVICE	FRESNO	156,526.82			Negotiable
10999		29-MAY-15	FRANCHISE TAX BOARD	SACRAMENTO	42,114.89			Negotiable
11000		29-MAY-15	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,145.15			Negotiable

IRWD Ledger  
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Report Date: 01-JUN-2015 13:12  
 Bank Account Currency: USD ( US Dollar ) Payment Currency: USD ( US Dollar ) Page: 29  
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11001		29-MAY-15	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.17			Negotiable
11002		29-MAY-15	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	2,246.76			Negotiable
11003		29-MAY-15	EMPLOYEE BENEFIT SPECIALIST, INC	PAY DENVER	10,326.61			Negotiable
11004		29-MAY-15	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY	DENVER	99,631.50			Negotiable
11005		29-MAY-15	MERRILL LYNCH CAPITAL SERVICES, INC	CHARLOTTE	360,000.00			Negotiable
11006		29-MAY-15	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	60,069.44			Negotiable
11007		29-MAY-15	BANK OF NEW YORK	NEWARK	69.44			Negotiable

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
11008		29-MAY-15	MELLON TRUST COMPANY NA BANK OF NEW YORK	NEWARK	400.00			Negotiable
11009		29-MAY-15	MELLON TRUST EMPLOYEE BENEFIT SPECIALIST, INC	PAY	56,095.09			Negotiable
11010		29-MAY-15	PCL CONSTRUCTION, INC.	ACCT 6971821722	4,061,506.50			Negotiable
11011		29-MAY-15	PCL CONSTRUCTION, INC.	ESR 141511.1	451,278.50			Negotiable
11012		29-MAY-15	FILANC-BALFOUR BEATTY JV	ACT 4427724347	4,732,166.23			Negotiable
11013		29-MAY-15	FILANC-BALFOUR BEATTY JV	ESR 211084000	525,796.25			Negotiable
11014		29-MAY-15	TOOLE, MICHAEL	PAY	32.01			Negotiable

Payment Document Subtotal: 13,842,088.15

Bank Account Subtotal : 20,865,471.67 Disbursements 4,049,248.81

Report Count : 708

Report Total: 20,865,471.67 4,049,248.81

IRWD Ledger  
 BANK: Branch : Payment Register For 01-MAY-15 To 31-MAY-15 Report Date: 01-JUN-2015 13:12  
 Bank Account Currency: ( ) Account: Page: 30  
 Payment Type: All Payment Currency: ( ) Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
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\*\*\* End of Report \*\*\*

\$ 20,865,471.67 Disbursements  
 <65,931.45> Voids  
 \$ 20,799,540.22 Total Disbursements and Voids

June 22, 2015

Prepared by: Alex Aguiar 

Submitted by: Rob Jacobson/Cheryl Clary

Approved by: Paul Cook 

## CONSENT CALENDAR

### FY 2015-16 OPERATING BUDGET VENDOR EXPENDITURE COMMITMENTS GREATER THAN \$100,000

#### SUMMARY:

Each year, following Board approval of the District's operating budget, staff initiates or renews commitments with vendors for certain products and services included in the approved budget. Staff has provided a list of those vendors with expected commitments totaling \$100,000 or greater in fiscal year (FY) 2015-16 for the Committee's review. The list of vendor commitments excludes contracts/agreements which have been previously approved by separate Board action. Consistent with provisions included in the District's *Policy Regarding Authorization of Expenditures*, staff recommends that the Committee approve the list of vendor expenditure commitments greater than \$100,000 for FY 2015-16 and recommend Board approval of the same.

#### BACKGROUND:

On an annual basis, the Board approves the fiscal year operating budget for the District for the upcoming year. Included in the operating budget are expenditures for line items such as chemicals, fuel, hauling of biosolids and other products and services which result in commitments greater than \$100,000. These expenditures typically utilize cooperative agreements for best pricing when applicable, or have been previously competitively bid and in some cases are for products (e.g. certain chemicals) provided by a single supplier.

These commitments are structured as open purchase orders and typically consist of multiple individual transactions during the fiscal year with the cumulative total of the purchase order exceeding \$100,000. The approval structure allows staff to order goods and services on a regular and efficient basis during the fiscal year. These commitments are a "not to exceed" amount and can be cancelled at any time.

A list of the planned vendor commitments exceeding \$100,000 for FY 2015-16 is attached as Exhibit "A". The list includes vendor names, descriptions of the products or service being provided, the basis for pricing (e.g. cooperative agreement, single source, etc.) and estimated annual expense. Excluded from this list are contracts in excess of \$100,000 which have been previously approved by separate Board action and are within their approved contract period, as well as recurring utility bills.

The total planned expenditure amount for the listed vendors for FY 2015-16 is \$2,691,560, representing approximately 1.8% of total planned expenditures in the approved operating budget. Consistent with provisions included in the District's *Policy Regarding Authorization of Expenditures*, staff recommends that the Committee approve the list of vendor commitments greater than \$100,000 for FY 2015-16 and recommends Board approval of the same.

Consent Calendar: FY 2015-16 Operating Budget – Vendor Expenditure Commitments  
Greater than \$100,000  
June 22, 2015  
Page 2

FISCAL IMPACTS:

Total planned expenditures for FY 2015-16 for vendor commitments greater than \$100,000 (excluding contracts/agreements approved by separate Board action) are \$2,691,560, representing approximately 1.8% of total planned expenditures in the approved FY 2015-16 operating budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on June 8, 2015.

RECOMMENDATION:

THAT THE BOARD APPROVE THE LIST OF VENDOR COMMITMENTS GREATER THAN \$100,000 BASED ON APPROVED FY 2015-16 OPERATING BUDGET EXPENDITURES, AND RECOMMEND BOARD APPROVAL OF THE SAME.

LIST OF EXHIBITS:

Exhibit "A" – FY 2015-16 Operating Budget - Vendor Commitments Greater than \$100,000

Vendor Name	Product/Service	Dept	Type	Period	Est. Amount
Hill Brothers Chemical (operating budget approved)	FERROUS CHLORIDE DELIVERIES TO LAWRP FACILITY COLLECTIONS SYSTEM FEED SITE FOR ODOR CONTROL CHEMICAL AS REQUIRED DURING FY JULY 1, 2014 THRU JUNE 30, 2015. UNIT PRICE \$3.35/GAL, MINIMUM 1,500 GAL DEL. FUEL SURCHARGE \$30.	Operations	Competitive Bid	Year 1 of 2	\$ 150,000.00
Hill Brothers Chemical (operating budget approved)	TO SUPPLY MAGNESIUM HYDROXIDE (THIOGUARD 60%) DELIVERIES TO MWRP FOR ALKALINITY ADJUSTMENT DURING FY JULY 1, 2014 THRU JUNE 30, 2015. DEL METHOD: BULK, VOL. 3000-4000 GAL.	Operations	Competitive Bid	Annual	\$ 109,080.00
Nursery Products LLC (operating budget approved)	HAULING OF DEWATERED BIO-SOLIDS CAKE FOR LAWRP DURING FY JULY 1, 2014 THRU JUNE 30, 2015. COST: \$38/TON, PLUS \$88/DAY FOR TRAILER RENTALS, PLUS \$552/TRIP. PER SOCWA AGREEMENT.	Operations	Cooperative Agreement (Socwa)	Annual	\$ 282,300.00
Olin Corporation (operating budget approved)	TO SUPPLY MWRP WITH SODIUM HYPOCHLORITE 12.5% FOR EFFLUENT DISINFECTION DELIVERIES DURING FY JULY 1, 2014 THRU JUNE 30, 2015. DEL METHOD: BULK, VOL 4500-5000 GAL. SOCWA AGREEMENT.	Operations	Cooperative Agreement (Socwa)	Annual	\$ 615,680.00
Athens Services (operating budget approved)	TO SUPPLY SCREENINGS AND GRIT REMOVAL FROM MWRP DURING FY JULY 1, 2014 THRU JUNE 30, 2015. DEL METHOD: ATHENS TRUCK SERVICE. SOCWA AGREEMENT.	Operations	Cooperative Agreement (Socwa)	Annual	\$ 100,000.00
Olin Corporation (operating budget approved)	FOR BULK SODIUM HYPOCHLORITE 12.5% (#105004 NSF APPROVED) SOCWA CONTRACT PRICE - \$0.554/GALLON UNTIL OCT 5, 2014	Operations	Cooperative Agreement (Socwa)	Annual	\$ 175,000.00
JCI Jones Chemicals Inc (operating budget approved)	FOR 1-TON CHLORINE GAS CYLINDERS FOR DYER ROAD WELLFIELD PDF (2915 S. HALLADAY ST. ID# 1) & IDF (2510 SUSAN ST. ID# 2) ACCOUNT# 53450050.	Operations	Cooperative Agreement (Socwa)	Annual	\$ 120,000.00
Securtec District Patrol Inc (operating budget approved)	For single, armed officer in marked partol vehicle on site 1800 to 0600 at Michelson Treatment Plant FY 2015/16	GM/Safety	Single Source	Annual	\$ 109,500.00

Vendor Name	Product/Service	Dept	Type	Period	Est. Amount
Hill Brothers Chemical (operating budget approved)	DELIVERY OF ODOR CONTROL PRODUCT (OXY-CAN) TO HATS DIVERSION SITE AS REQUIRED DURING FY JULY 1, 2014 THRU JUNE 30, 2015. UNIT PRICE \$3.55/GAL, MINIMUM 300 GAL DEL. FUEL SURCHARGE \$30.	Operations	Single Source	4 Years	\$ 250,000.00
Aqua Ben Corp (operating budget approved)	HYDROFLOC 860 BULK SHIPMENTS FOR LAWRP DURING FY JULY 1, 2014 THRU JUNE 30, 2015. BULK SHIPMENT IS APPROX 4,200 GAL @ 10.34 LB/GAL = 43,428 LBS. EST @ \$0.70/LB DELIVERED.	Operations	Single Source	2 Years	\$ 170,000.00
Il Fuels Inc (operating budget approved)	87 OCTANE UNLEADED & ULTRA LOW SULPHUR DIESEL #2 FUELS AT MRWP AND LAWRP FACILITIES	Operations	Moving to Coop Agmt FY 2015/16	5 years	\$ 610,000.00

June 22, 2015

Prepared by: H. Cho/M. Cortez

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

Approved by: Paul Cook */Cook*

CONSENT CALENDAR

EAST ORANGE COUNTY WATER DISTRICT INTERCONNECTION  
REHABILITATION FINAL ACCEPTANCE

SUMMARY:

The East Orange County Water District (EOCWD) Interconnection Rehabilitation project is complete. The contractor, Paulus Engineering, completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

The EOCWD Interconnection project rehabilitated the pressure reducing station and installed a flow meter and PLC cabinet at the interconnection located in the City of Orange in Jamboree Road, south of Handy Creek Road. The design was completed in October 2014. Paulus Engineering was awarded the construction contract on November 10, 2014 and completed construction in June 2015.

Project Title:	EOCWD Interconnection Rehabilitation Project
Project No.:	11799 (5401)
Design Engineer:	Linkture Consulting Engineers
Construction Management by:	IRWD Staff
Contractor:	Paulus Engineering
Original Contract Cost:	\$163,950.00
Final Contract Cost:	\$180,058.20
Original Contract Days:	180
Final Contract Days:	192
Final Change Order Approved On:	June 3, 2015

FISCAL IMPACTS:

Project 11799 (5401) is included in the FY 2014-15 Capital Budget. The existing budget and Expenditure Authorization are sufficient to fund the final payment for the project.

**ENVIRONMENTAL COMPLIANCE:**

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15301(B), which provides exemption for minor alterations of existing public or private structures, facilities, used to provide electric power, natural gas, sewerage or other public utility services. A Notice of Exemption for the project was filed with the County of Orange on October 30, 2014.

**COMMITTEE STATUS:**

This item was not reviewed by a Committee.

**RECOMMENDATION:**

THAT THE BOARD ACCEPT CONSTRUCTION OF THE EAST ORANGE COUNTY WATER DISTRICT INTERCONNECTION REHABILITATION, PROJECT 11799 (5401); AUTHORIZE THE GENERAL MANAGER TO FILE A NOTICE OF COMPLETION; AND AUTHORIZE THE PAYMENT OF THE RETENTION 35 DAYS AFTER THE DATE OF RECORDING THE NOTICE OF COMPLETION.

**LIST OF EXHIBITS:**

None.

June 22, 2015

Prepared by: Gina Jackson

Submitted by: Tony Mossbarger/Cheryl Clary

Approved by: Paul Cook

## ACTION CALENDAR

### METER READING SERVICES CONTRACT AWARD

#### SUMMARY:

The District's contract for meter reading services expires June 30, 2015. Staff issued a request for proposals (RFP) for meter reading services and received responses from four firms. Based on a thorough evaluation of the proposals, staff recommends that the Board authorize the General Manager to execute a five-year contract for meter reading services with Alexander's Contract Services (ACS) effective July 1, 2015 in the amount of \$1,306,800 per year for a total of approximately \$6,534,000 (based on the number of current meters) for the five years.

#### BACKGROUND:

The District's contract for meter reading service with ACS, originally awarded in March 2009, expires June 30, 2015. In March 2015, staff issued an RFP to four companies for meter reading services. Proposals were received from four companies, including ACS, Contract Callers, Inc. (CCI), Grid One Solutions, and MeterNet.

#### Selection Process:

Staff completed a thorough evaluation of the proposals using the following criteria and weight:

Proposed Cost	40%
Experience	24%
Qualifications	18%
Service Delivery Approach	18%

The proposal evaluation matrix is attached as "Exhibit A". The most qualified bidder using the above criteria is ACS. Key strengths of ACS are as follows:

- History of providing accurate meter reading services to the District since 2009;
- Fixed price per meter for the duration of the contract with no per meter price increase;
- Responsive to meeting the District's needs with existing resources, equipment, and technology;
- No costs required by the District to integrate meter reads with the existing utility billing system; and
- Provides web-based and mobile technology that allows District staff transparent access to meter read information.

During the evaluation, staff determined that while MeterNet had much lower pricing, they lacked experience with major utilities, only having provided meter reading services for home owners associations. Staff also determined that CCI, MeterNet, and GridOne do not currently have staff

resources available and would be required to hire new resources to provide the service. All three companies would have a long lead time setting up integration of meter reads to the District's billing system and hiring the required meter reading resources to provide effective service.

Optional Field Activity Services:

Staff asked each proposer to provide pricing for optional field activity services for the following activities 1) Activation/Deactivation of accounts; 2) Shutoff of water account for non-payment, and 3) Restoration of account after shutoff for non-payment. Based on a cost analysis to provide these optional services, staff determined that the cost does not justify outsourcing the services at this time to a third party provider. The costs for these services are provided in Exhibit "A" for informational purposes only.

Optional Smart Meter Option:

In addition to traditional meter reading services, ACS also provided an option to provide Smart Meter service to the District's customers. The service would allow customers to manage their daily water consumption by use of an internet based web portal that utilizes the Smart Meter integration Management (SWiM) network. Through use of the web portal, customers can display water usage by day and hour and set up alerts for usage that is above their allocation.

The SWiM network utilizes Smart Meters that are installed at the customer's premise and uses the cellular network to transmit data to the SWiM network data center. The meter data necessary for billing customers is forwarded from the SWiM network to the ACS meter reading service, then to the District's billing system through a current interface. No additional programming is required to implement this service. For every customer who has a Smart Meter placed in service, ACS will provide the District with four free meter reads for existing customer meters.

Several costing options are available for implementing Smart Meters utilizing the SWiM network:

- District Customers agree to opt-in for the SWiM service for an added monthly fee;
- The District supplements the cost of the SWiM service for a reduced monthly fee; and
- The District pays the entire cost of the SWiM service.

Staff is considering a pilot program in the coming months incorporating a limited number of customers for each of the options listed. The cost of the pilot program was included in the FY 2015-16 operating budget.

Staff recommends the award of a five year contract to ACS to perform contract meter reading services. The total amount for the five year contract is approximately \$6,534,000.

FISCAL IMPACTS:

Funds for contract meter reading services for FY 2015-16 are included in the approved FY 2015-16 operating budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Finance and Personnel Committee on June 8, 2015.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A FIVE-YEAR CONTRACT FOR METER READING SERVICES WITH ALEXANDER'S CONTRACT SERVICES EFFECTIVE JULY 1, 2015 TOTALING APPROXIMATELY \$6,534,000 OVER THE FIVE YEARS.

LIST OF EXHIBITS:

Exhibit "A" – Proposal Evaluation Matrix

**EXHIBIT "A"**

**CONTRACTOR EVALUATION MATRIX**

Contract Services for Meter Reading Contractor Selection Analysis										
Item	Description	Weights	Alexander's Contract Services		Contract Callers, Inc.***		Grid One Solutions		MeterNet	
<b>A</b>	<b>SCOPE OF WORK</b>	<b>40%</b>								
1	Task 1 - Perform Monthly Meter Reading Services	80%	3.0		4.0		2.0		1.0	
2	Task 2 - Perform Optional Field Activity Services	20%	3.0		1.0		4.0		2.0	
	<b>Weighted Score (Technical Approach)</b>		3.0		3.4		2.4		1.2	
<b>B</b>	<b>QUALIFICATION AND EXPERIENCE</b>	<b>60%</b>								
1	Experience	40%	1.5		2.0		2.0		3.0	
2	Qualifications	30%	1.0		3.0		2.0		3.0	
3	Service Delivery Approach	30%	1.3		2.5		2.5		3.5	
	<b>Weighted Score (Experience)</b>		1.3		2.5		2.2		3.2	
	<b>COMBINED WEIGHTED SCORE</b>		2.0		2.8		2.3		2.4	
	<b>Ranking of Contractors</b>		<b>1</b>		<b>4</b>		<b>2</b>		<b>3</b>	
<b>C</b>	<b>SCOPE OF WORK</b>									
TASK				FEE		FEE		FEE	FEE	
1	Perform Monthly Meter Reading Services *		0.99	\$108,900	0.99	\$109,890	0.96	\$105,600	0.74	\$81,400
2	Optional Field Activity Services (Info Only)**		7.79	\$23,370	6.66	\$20,000	10.96	\$32,880	7.50	\$22,500
	<b>TOTAL MONTHLY FEE (1st Year)*</b>			<b>\$108,900</b>		<b>\$109,890</b>		<b>\$105,600</b>		<b>\$81,400</b>
	<b>TOTAL ANNUAL FEE (1st Year)</b>			<b>\$1,306,800</b>		<b>\$1,318,680</b>		<b>\$1,267,200</b>		<b>\$976,800</b>
	<b>TOTAL FIVE YEARS</b>			<b>\$6,534,000</b>		<b>\$6,752,628</b>		<b>\$6,336,000</b>		<b>\$4,884,000</b>
<b>D</b>	<b>OTHER</b>									
	Joint Venture			None		None		None	None	
	Insurance (Professional & General Liability)			Yes		Yes		Yes	Yes	
	<b>RANKINGS:</b>									
	1 - Best									
	2 - 2nd Best									
	3 - 3rd Best									
	4 - 4th Best									

\* Based on 110,000 Meters

\*\* Does not include Task 2 optional services, provided as informational only

\*\*\* Contract Callers per meter charge increases as follows: Year 3 and 4 \$1.02; Year 5 \$1.05.

June 22, 2015

Prepared by: B. Stewart/S. Malloy

Submitted by: K. Burton

Approved by: Paul Cook

## ACTION CALENDAR

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

#### SUMMARY:

Filanc/Balfour-Beatty (FBB) is constructing the Michelson Water Recycling Plant (MWRP) Biosolids and Energy Recovery Facilities (Biosolids Project). Contract Change Order (CCO) No. 29 will provide foul air pipe supports and a secondary circuit breaker for the switchgear handling the seven centrifuges located at the Solids Handling Building and two motor control centers. Staff recommends that the Board approve CCO No. 29 in the amount of \$225,971.77 with FBB for the Biosolids Project.

#### BACKGROUND:

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

#### CCO No. 29:

Staff negotiated with FBB to resolve two items contained in CCO No. 29. The two items are as follows:

*Foul Air Pipe Supports in the Solids Handling Building Basement:* During submittal review, it was discovered that the large foul air piping in the basement of the Solids Handling Building required 24 additional pipe supports which were not indicated in the Contract Documents. The supports will hold foul air pipes in various sizes from 16 to 60 inches. This item is for the labor and materials to install the foul air pipe supports and is in the amount of \$119,937.87.

*Secondary Circuit Breaker for Transformer T-14:* The Contract Documents require that FBB complete an arc flash hazard calculation based on all of the final electrical equipment provided during construction. The arc flash hazard calculation provided by FBB indicates a dangerous level of electrical energy can be released during a faulted condition when the Switchgear-14 main breaker doors are open. The switchgear is for the electrical loads located in the Solids Handling Building. The electrical loads are from the seven centrifuges located in the Solids Handling

Building and two motor control centers. Based on the arc flash calculation, a secondary circuit breaker was recommended. Staff determined that the addition of a 480-volt secondary circuit breaker at Transformer T-14 would enhance safety for staff when accessing the downstream 480-volt switchgear while it is energized.

CCO No. 29 includes the installation of a new 480-volt, 4,000-amp circuit breaker in an outdoor, weatherproof enclosure, a 4,000-amp bus duct between Transformer T-14 and the T-14 secondary breaker, and extension of the T-14 transformer concrete housekeeping pad to support the addition of the T-14 secondary breaker. The cost for this item is in the amount of \$106,033.90.

Staff is reviewing the arc flash study for the remaining portions of the Biosolids Project and anticipates that additional breakers will be required. Once the number, size, and cost of these circuit breakers are finalized, a subsequent change order will be submitted to the Board for approval.

Staff recommends that the Board approve CCO No. 29 in the amount of \$224,971.77, which is attached as Exhibit "A". The Construction Change Order Summary is attached as Exhibit "B". CCO No. 29 does not extend any of the milestone completion dates.

FISCAL IMPACTS:

The MWRP Biosolids and Energy Recovery Facilities Project 21146 (4286) is included in the FY 2015-16 Capital Budget. The existing budget is sufficient to fund CCO No. 29.

ENVIRONMENTAL COMPLIANCE:

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

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on June 16, 2015.

RECOMMENDATION:

THAT THE BOARD APPROVE CONTRACT CHANGE ORDER NO. 29 IN THE AMOUNT OF \$225,971.77 FOR FOUL AIR PIPE SUPPORTS AND A SECONDARY CIRCUIT BREAKER WITH FILANC/BALFOUR-BEATTY FOR THE MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES, PROJECT 21146 (4286).

LIST OF EXHIBITS:

- Exhibit "A" – Contract Change Order No. 29 with FBB
- Exhibit "B" – Construction Change Order Summary

# EXHIBIT "A"

## CONTRACT CHANGE ORDER

**IRVINE RANCH WATER DISTRICT**  
 15600 Sand Canyon Avenue  
 Irvine, California 92618  
 (949) 453-5300



C.O. No. 29  
 Final

Project No. 21146 (4286)

MWRP Biosolids and Energy Recovery Facilities

Project Title

Date: June 9, 2015

THE FOLLOWING CHANGE TO CONTRACT, DRAWINGS AND SPECIFICATIONS IS PROPOSED.	\$ ADDITIONS	\$ DELETIONS	DAYS ±
1. Foul Air Pipe Supports in the Solids Handling Building Basement (CR-106) PR 21146 (4286) Task 3520	\$119,937.87	\$0.00	0
2. Secondary Circuit Breaker for Transformer T-14 (CR-185) PR 21146 (4286) Task 3510	\$106,033.90	\$0.00	0
<b>Notes:</b> 1. The project completion date of October 28, 2016 is unchanged by this Change Order.			
<b>TOTAL</b>	<b>\$225,971.77</b>	<b>\$0.00</b>	<b>0</b>

			DAYS ±
1. NET AMOUNT THIS CHANGE ORDER	=	\$225,971.77	0
2. ORIGINAL CONTRACT AMOUNT	=	\$163,465,940.00	1,278
3. TOTAL PREVIOUS CHANGE ORDERS	=	\$3,147,152.63	0
4. TOTAL BEFORE THIS CHANGE ORDER (2+3)	=	\$166,613,092.63	1,278
5. PROPOSED REVISED CONTRACT AMOUNT TO DATE (1+4)	=	\$166,839,064.40	1,278

We hereby agree to make the above change subject to the terms of this change order for the sum of: \_\_\_\_\_  
Two Hundred Twenty-Five Thousand Nine Hundred Seventy-One and 77/100 Dollars

6/10/2015 Date  
Filanc/Balfour Beatty, JV Contractor

[Signature]  
 BY: [Signature] General Manager

SIGNATURE	DATE	APPROVAL LEVEL REQUIRED
IRWD Engineer or Consulting Engineer	Date	Department Director Approval Required <input type="checkbox"/>
Principal Engineer – MWRP Construction	<u>6/10/15</u> Date	Executive Department Director Approval Required <input type="checkbox"/>
Executive Director of Engineering and Water Quality	Date	General Manager Approval Required <input type="checkbox"/>
General Manager	Date	Board Approval Required <input checked="" type="checkbox"/>
		By _____ Date _____
		Purchase Order No. _____

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

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

EXHIBIT "B"

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

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

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

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

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

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

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

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

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

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

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

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

**MWRP Biosolids and Energy Recovery Facilities  
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Design Engine Black & Veatch

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

**MWRP Biosolids and Energy Recovery Facilities  
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25	Approved by Board of Directors Approved on March 23, 2015				\$280,575.97	\$2,609,957.26	\$2,890,533.23	1.77%	\$166,356,473.23	0	0	0	1,278	10/28/2016
25.1	Lightning Protection for the Methane Digesters (CR-121) PR 21146 (4286) Task 3505	C	FBB	\$158,259.68						0				
25.2	Deflagration Quench Tubes outside of the Dryer Room (CR-143) PR 21146 (4286) Task 3505	B	FBB	\$122,316.29						0				
26	Approved by Exe. Dir. Of Engineering & Water Quality Approved on April 14, 2015				\$74,815.79	\$2,890,533.23	\$2,965,349.02	1.81%	\$166,431,289.02	0	0	0	1,278	10/28/2016
26.1	UPS and Power Fail Alarms per RFI 357 (CR-056) PR 21146 (4286) Task	C	FBB	\$3,646.82						0				
26.2	I/O Points for Methane Digester Sump Pumps per RFI-356 (CR-077) PR 21146 (4286) Task 3510	C	FBB	\$6,489.00						0				
26.3	Loss of Power Alarms to the SCADA Network per RFI-0393B (CR-093)	A	FBB	\$20,297.16						0				
26.4	FOG Flushing and Rock Trap Modifications per RFI-0534 (CR-101) PR	A	IRWD	\$18,093.61						0				
26.5	Install Grounding Pig Tails in Solids Handling Building Area Electrical Room per RFI 0594 (CR-105) PR 21146 (4286) Task 3510	A	IRWD	\$1,593.10						0				
26.6	Additional Pushbuttons, Light and Relays for the FOG Receiving Control Panel (CR-114) PR 21146 (4286) Task 3510	A	IRWD	\$6,892.40						0				
26.7	Changes to the HMI Enclosures at the Sludge Receiving Area (CR-133) PR 21146 (4286) Task 3510	A	IRWD	\$7,114.17						0				
26.8	Provide Storage Shelf for Keyboard and Mouse to the HMI Enclosures at the Sludge Receiving Area (CR-135) PR 21146 (4286) Task 3510	A	IRWD	\$1,163.26						0				
26.9	Dewatering Feed Pump Station Guardrail Additions (CR-142) PR 21146 (4286) Task 3520	C	FBB	\$4,204.00						0				
26.10	Additional I/O Points for PLC-4300 (CR-156) PR 21146 (4286) Task 3510	C	FBB	\$3,035.28						0				
26.11	Shoring Revision to Roof Slab of Dewatering Feed Pump Station (CR-189) PR 21146 (4286) Task 3510	B	FBB	\$1,286.99						0				
26.12	Coating of the Sludge Receiving Bins (CR-199) PR 21146 (4286) Task 3520	A	FBB	\$1,000.00						0				

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27	Approved by Board of Directors Approved on April 27, 2015				\$107,253.26	\$2,965,349.02	\$3,072,602.28	1.88%	\$166,538,542.28	0	0	0	1,278	10/28/2016
	27.1 Modifications to Human-Machine Interface (HMI) for the Microturbine Area (CR-078) PR 21146 (4286) Task 3510	A	IRWD	\$29,744.43						0				
	27.2 Modifications to the Piping and Automation Features at Fats, Oils, and Grease (FOG) Facility (CR-129) PR 21146 (4286) Task 3510	A	IRWD	\$35,771.81						0				
	27.3 Structural Support to the Monorail at the Dewatering Feed Pump Station (CR-152) PR 21146 (4286) Task 3505	C	FBB	\$13,697.51						0				
	27.4 Two Additional Magnetic Flowmeters at Polymer Feed System (CR-158) PR 21146 (4286) Task 3510	A	IRWD	\$9,522.81						0				
	27.5 Modifications to PLCs at Sludge Receiving Area (CR-180) PR 21146 (4286) Task 3510	A	IRWD	\$18,516.70						0				
28	Approved by Exe. Dir. Of Eng. & Water Quality Approved on May 15, 2015				\$74,550.35	\$3,072,602.28	\$3,147,152.63	1.93%	\$166,613,092.63	0	0	0	1,278	10/28/2016
	28.1 Decanter Control Panel Modifications (CR-215) Task 3520	C	FBB	\$22,451.01						0				
	28.2 Additional Structural Support in the Solids Handling Building (CR-075) Task 3505	C	FBB	\$12,028.44						0				
	28.3 Additional Sump Pump Drain Line in the Bulk Polymer Storage Area (CR-119) Task 3520	C	FBB	\$1,433.86						0				
	28.4 Install Three 5-inch conduits on Southwest Side of the Biosolids Site (CR-120) Task 3510	C	FBB	\$16,033.58						0				
	28.5 Provide Power to Several Instruments Located at the Solids Handling Building and Digester Control Building (CR-154) Task 3520	C	FBB	\$3,454.91						0				
	28.6 Install Foam Separator Drain at Digester Control Building (CR-167) Task 3520	C	FBB	\$11,013.75						0				
	28.7 Install Support for 14-inch Plug Valve at Centrate Treatment Wetwell (CR-197) Task 3520	C	FBB	\$1,715.20						0				
	28.8 Trench Modifications at the Sludge Cake Load-Out Area of the Solids Handling Building (CR-123) Task 3505	C	FBB	\$6,419.60						0				
29	Pending approval by Exe. Dir. Of Eng. & Water Quality Pending approval on May 15, 2015				\$225,971.77	\$3,147,152.63	\$3,373,124.40	2.06%	\$166,839,064.40	0	0	0	1,278	10/28/2016
	29.1 Foul Air Pipe Supports in the Solids Handling Building Basement (CR-106) PR 21146 (4286) Task 3520	C	FBB	\$119,937.87						0				
	29.2 Secondary Circuit Breaker for Transformer T-14 (CR-185) PR 21146 (4286) Task 3510	A	IRWD	\$106,033.90						0				

Category	Total Amount	% of Original Contract
A - District Convenience/Initiation - Project Related	\$ 602,415.62	0.37%
B - Differing Site Conditions	\$ 1,642,823.77	1.00%
C - Design Oversight	\$ 1,127,885.01	0.69%
D - District Convenience/Initiation - Non-Project Related	\$ -	0.00%
E - Contractor Convenience/Initiation	\$ -	0.00%
<b>TOTAL (A + B + C + D)</b>	<b>\$ 3,373,124.40</b>	<b>2.06%</b>

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Category	Total Amount	% of Original Contract
IRWD-Initiation/Driven	\$ 806,945.00	0.49%
FBB-Initiation/Driven	\$ 2,395,459.18	1.47%
Not applicable	\$ 170,720.22	0.10%
<b>TOTAL</b>	<b>\$ 3,373,124.40</b>	<b>2.06%</b>