

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

October 24, 2016

PLEDGE OF ALLEGIANCE

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

ROLL CALL Directors LaMar, Reinhart, Swan, Withers, and President Matheis

NOTICE

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

COMMUNICATIONS TO THE BOARD

1. A. Written:
- B. Oral:
2. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

CONSENT CALENDAR	Resolution No. 2016-25	Items 3-10
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<p>3. <u>MINUTES OF REGULAR BOARD MEETINGS</u></p> <p>Recommendation: That the minutes of the September 26, 2016 Regular Board Meeting be approved as presented.</p>	
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<p>4. <u>RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS</u></p> <p>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.</p>	
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<p>5. <u>IRVINE RANCH WATER DISTRICT STRATEGIC MEASURES</u></p> <p>Recommendation: That the Board receive and file the report.</p>	
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CONSENT CALENDAR - Continued

Resolution No. 2016-25

Items 3-10

6. 2016 LEGISLATIVE UPDATE

Recommendation: That the Board receive and file.

7. SEPTEMBER 2016 TREASURY REPORTS

Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the Monthly Interest Rate Swap Summary for September 2016, and Disclosure Report of Reimbursements to board members and staff; approve the September 2016 summary of payroll ach payments in the total amount of \$2,510,825 and approve the September 2016 accounts payable disbursement summary of warrants 370323 through 371566, workers' compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$18,504,296.

8. EAST IRVINE ZONE 1 TO 3 FLOW METER REPLACEMENT FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the East Irvine Zone 1 to 3 Flow Meter Replacement, Project 5519; authorize the General Manager to file a Notice of Completion; and authorize the Payment of the retention 35 days after the date of recording the Notice of Completion.

9. UCI COOLING TOWER CONVERSION RECYCLED WATER PIPELINE PHASE I CONSTRUCTION AWARD

Recommendation: That the Board Authorize the General Manager to execute a construction contract with Paulus Engineering, Inc. in the amount Of \$169,500 for the UCI Cooling Tower Conversion Recycled Water Pipeline Phase 1, Project 7102.

10. IRVINE BUSINESS COMPLEX APPURTENANCE RELOCATIONS CONSTRUCTION AWARD

Recommendation: That the Board authorize budget increases in the amount of \$432,300, from \$442,900 to \$875,200, for project 6849 and \$40,600, from \$49,700 to \$90,300, for project 6850; and authorize the General Manager to execute a construction contract with TE Roberts in the amount of \$662,601 for the Irvine Business Complex Appurtenance Relocations, projects 6849 and 6850.

ACTION CALENDAR

11.. 2017-18 STATE LOBBYING AND ADVOCACY SERVICES

Recommendation: That the Board approve a 24-month Professional Services Agreement, from January 1, 2017, through December 31, 2018, with O'Haren Government Relations for \$6,500 per month plus reimbursable direct expenses of not more than \$3,900 per year for a total contract amount not to exceed \$163,800.

12. 2017-2018 FEDERAL LOBBYING AND ADVOCACY SERVICES

Recommendation: That the Board approve a sole-source 24-month Professional Services Agreement, from January 1, 2017, through December 31, 2018, with The Furman Group for \$12,500 per month plus reimbursable direct expenses for a total contract amount not to exceed \$336,000.

13. VARIANCE REQUEST FOR BASELINE PROPERTY ASSESSMENT WORK BY DEE JASPAR & ASSOCIATES

Recommendation: That the Board approve Variance No. 3 to the Professional Services Agreement with Dee Jasper and Associates, Inc. in the amount of \$145,000 for baseline property assessment work on properties of interest in Palo Verde Irrigation District.

14. LAKE FOREST / SERRANO SUMMIT PROPERTY PROPOSED DEVELOPMENT AGREEMENT AMENDMENT

Recommendation: That the Board approve of the proposed Second Amended Development Agreement between the District and City of Lake Forest for the Serrano Summit project to modify the boundary of the City's current Civic Center site, adjust the related development impact fee credit and modify self-help provisions, subject to non-substantive changes.

15. IRWD PARTICIPATION IN THE PROPOSED SOUTH BASIN GROUNDWATER CLEANUP PILOT PROJECT

Recommendation: That the Board authorize staff and legal counsel to work with OCWD to prepare an agreement for IRWD's financial participation in a South Basin Pilot Project that is consistent with the draft terms presented at the meeting as may be revised based upon input received from the Board.

ACTION CALENDAR - Continued

16. STROSCHEIN PROPERTY PURCHASE

Recommendation: That the Board find that all matters currently identified with regard to the condition of title, physical condition and suitability of the property for the uses contemplated are acceptable; approve the addition of project 11974 (7693) to the FY 2016-17 Capital Budget in the amount of \$1,597,000 for the purchase of the property; find that the property acquisition only is exempt from CEQA; approve the project and authorize staff to post and file the Notices of Exemption in Orange and Riverside counties; and, and authorize the General Manager and Treasurer and each other officer of the District, each acting singly, to execute and deliver any and all documents, assignments, certificates, instructions and instruments necessary or proper for carrying out and closing the real estate purchase transaction for the acquisition of the property.

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

Recommendation: That the Board approve the policy principles paper on increasing water levels in the orange county groundwater basin.

OTHER BUSINESS

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

18. A. General Manager's Report

B. Directors' Comments

OTHER BUSINESS - Continued

18. C. CLOSED SESSION: CLOSED SESSION with Real Property Negotiator (Government Code Section 54956.8).
Property: Parcels 878-151-003, 878-210-001, 878-270-001, 878-270-002, 878-260-001, 878-260-002, County of Riverside
Negotiating Parties: Barnes and Berger
Agency Negotiator: Paul Cook, General Manager
Purpose of Negotiations: Price and Term of Payment.

CLOSED SESSION: CLOSED SESSION with Real Property Negotiator (Government Code Section 54956.8).
Property: Parcels 815-180-018, 827-120-010, 827-130-005, 827-140-001, 830-050-004, 830-050-008, 830-50-010, 827-040-005, 827-040-004, 827-072-001, 827-072-002, 827-072-003, 827-072-004, 827-072-005, 827-072-010, 827-120-002, 827-120-001, 827-040-006, 827-050-003, 827-050-007, 827-050-005, 827-050-001, 827-020-002, 827-030-003, 827-020-004, 827-020-001, 827-020-018, 827-040-003, 827-050-002, 827-020-003, 815-180-011, 815-180-006, 815-180-003, 827-120-003, 827-120-004, 827-120-005, 827-120-007, 827-120-006, 827-120-008, 827-120-009, 827-120-011, 827-130-012, 827-040-001, 830-030-004, County of Riverside
Negotiating Parties: Williams
Agency Negotiator: Paul Cook, General Manager
Purpose of Negotiations: Price and Term of Payment.

CLOSED SESSION: Conference with Labor Negotiator pursuant to Government Code Section 54957.6:
Agency Designated Representative: President Matheis
Unrepresented Employee: Paul Cook

D. OPEN SESSION

- E. Adjourn meeting to Tuesday, October 25, 2016 at 10:00 a.m. to:
IRWD's Baker Water Treatment Plant, 21082 Wisteria, Lake Forest, CA.

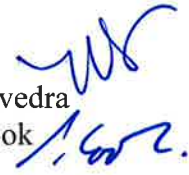
Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Irvine Ranch Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board 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.

October 24, 2016

Prepared and

Submitted by: N. Savedra

Approved by: P. Cook



CONSENT CALENDAR

MINUTES OF BOARD MEETING

SUMMARY:

Provided are the minutes of the September 26, 2016 Regular Board Meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE SEPTEMBER 26, 2016 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – September 26, 2016 Minutes

EXHIBIT "A"

MINUTES OF REGULAR MEETING – SEPTEMBER 26, 2016

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:07 p.m. by President Matheis on September 26, 2016 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

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

Directors Absent: None.

Also Present: General Manager Cook, Executive Director of Water Policy Weghorst, Executive Director of Engineering & Water Quality Burton, Director of Human Resources Roney, Public Affairs Director Beeman, Assistant Director of Recycling Operations Zepeda, Government Relations Officer Compton, Legal Counsel Arneson via teleconference, Assistant Secretary Savedra, Principle Engineer Akiyoshi, Mr. Allen Shinbashi, Mr. Alex Munoz, Mr. Jim Reed, and other members of the public and staff.

ORAL COMMUNICATIONS: None

WRITTEN COMMUNICATIONS: None.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED - None

CONSENT CALENDAR

On MOTION by Reinhart, seconded and unanimously carried (Withers absent), CONSENT CALENDAR ITEMS 3 THROUGH 13 WERE APPROVED AS FOLLOWS:

3. MINUTES OF REGULAR BOARD MEETINGS

Recommendation: That the minutes of the September 12, 2016 Regular Board Meeting be approved as presented.

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

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

5. AUGUST 2016 TREASURY REPORTS

Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the Monthly Interest Rate Swap Summary for August 2016, and Disclosure Report of Reimbursements to Board members and staff; approve the August 2016 Summary of Payroll Ach payments in the total amount of \$1,657,241 and approve the August 2016 accounts payable disbursement summary of warrants 369497 through 370322, workers'

compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$23,856,973.

6. DYER ROAD WELLFIELD WELL 3 REHABILITATION BUDGET ADDITION AND CONTRACT CHANGE ORDER

Recommendation: That the Board authorize the addition of project 4327 to the FY 2016-17 capital budget in the amount of \$1,112,100; and authorize the General Manager to execute Contract Change Order No. 5 with General Pump Company in the amount of \$236,006 for the Dyer Road Wellfield Well 3 Rehabilitation, project 4327.

7. DYER ROAD WELLFIELD WELL 7 AND IRVINE DESALTER PROJECT WELL 107 REHABILITATION CONSULTANT SELECTION

Recommendation: That the Board authorize the addition of Irvine Desalter Project Well 107 Rehabilitation, project 7589, in the amount of \$770,000 to the FY 2016-17 capital budget, and authorize the General Manager to execute a Professional Services Agreement in the amount of \$130,500 with Richard C. Slade & Associates for the Dyer Road Wellfield Well 7 Rehabilitation and Irvine Desalter Project Well 107 Rehabilitation, projects 7093 and 7589.

8. SANTIAGO HILLS II CAPITAL FACILITIES

Recommendation: That the Board authorize the addition of the Santiago Hills II, Santiago Canyon Road and Jamboree Road capital improvements, projects 7451, 7452 and 7543 to the FY 2016-17 in the amounts of \$1,126,900, \$259,600 and \$2,228,300, respectively; authorize the General Manager to accept Irvine Community Development Company's design and bid support services contract with Michael Baker International in the amount of \$194,200 for the Santiago Hills II, Santiago Canyon Road and Jamboree Road capital improvements, projects 7451, 7452 and 7543; and authorize the General Manager to accept ICDC's design and bid support services contract with Michael Baker International in the amount of \$258,212 for the Santiago Hills II, recycled water capital improvements, projects 5823 and 7137.

9. REIMBURSEMENT AGREEMENT WITH MERITAGE HOMES FOR THE COMMERCENTRE DRIVE PRESSURE REGULATING STATION

Recommendation: That the Board authorize the addition of the Lake Forest Encanto Commercentre Domestic Pressure Regulating Station, project 7513 to the FY 2016-17 capital budget in the amount of \$255,200; authorize the General Manager to execute a Reimbursement Agreement with Meritage Homes of California, Inc. for the construction of the Commercentre Drive Pressure Regulating Station; and authorize the General Manager to accept Meritage Homes of California, Inc.'s construction change order with Kana Pipeline in the amount of \$134,149 for project 7513.

10. MAIN STREET DIVERSION STRUCTURE REHABILITATION CONSTRUCTION AWARD

Recommendation: That the Board authorize a budget increase for project 5174 in the amount of \$426,300 from \$191,400 to \$617,700; and authorize the General Manager to execute a construction contract with Pacific Hydrotech in the amount of \$341,500 for the Main Street Diversion Structure Rehabilitation, project 5174.

11. CONSULTANT SELECTION FOR SECOND ZONE 1 RESERVOIR

Recommendation: That the Board authorize the General Manager to execute a Professional Services Agreement with Tetra Tech in the amount of \$438,000 for engineering services for the Second Zone 1 Reservoir, project 6401

12. FATS, OILS AND GREASE PROGRAM VARIANCE NO. 1

Recommendation: That the Board authorize the General Manager to execute Variance No. 1 with Environmental Engineering and Contracting, Inc. to provide fats, oil and grease (FOG) program services in the amount of \$165,950 for the period November 1, 2016 to October 31, 2017 and for an optional additional year at \$165,950 as may be necessary to transition to the District's new pretreatment and FOG programs.

13. RESOLUTION COMMENDING SUSAN HINMAN FOR HER DEDICATED SERVICE TO MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Recommendation: That the Board adopt the following resolution by title:

RESOLUTION NO. 2016-24

RESOLUTION OF THE BOARD OF DIRECTORS OF
IRVINE RANCH WATER DISTRICT COMMENDING
MRS. SUSAN HINMAN FOR HER YEARS OF DEDICATED
SERVICE TO MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
AND HER YEARS OF SERVICE WITHIN THE WATER INDUSTRY

ACTION CALENDAR

LONG-TERM DISABILITY, LIFE, AND DEPENDENT LIFE INSURANCE COVERAGE FOR CALENDAR YEAR 2017

General Manager Cook reported that staff has received renewal rates from the District's broker, Mercer, who also conducted a marketing study for Long-Term Disability insurance (LTD), Accidental Death and Dismemberment insurance (AD&D), Group Term Life insurance (GTL), and Dependent Life insurance coverage.

Human Resources Director Roney reported that Group Term Life insurance, Dependent Life insurance, and Long-Term Disability insurance coverage has been provided by Hartford Insurance

for the past two years. Prior to the contract with Hartford in 2015, the District contracted with Principal Financial for seven years.

Ms. Roney said that prior to 2008, the District had, for many years, included AD&D coverage as part of the standard life insurance benefit for all employees. At that time, after further evaluation of the then-in-place Split Dollar Life plan, it was discovered that the plan components created a disparate benefit by providing a lower level of AD&D coverage for longer term employees and a higher level of coverage for newly hired staff. Due to this disparity the decision was made to remove the AD&D coverage from the Split Dollar Life plan. Eventually, in 2008, the Split Dollar Life plan was canceled completely and replaced by Principal Financial. Typically, industry standard for life insurance benefits does include AD&D coverage. Because the Split Dollar Life plan that Principal Financial was replacing in 2008 did not include AD&D at that time, it was overlooked to be reinstated as a standard District provided benefit. This occurred again when Hartford replaced Principal Financial for this line of coverage in 2015. Due to the nature of the work performed by the majority of District employees, this type of coverage is important to ensure the protection to our valued staff. For these reasons, staff is recommending that AD&D coverage be reinstated.

Ms. Roney said initially, Hartford proposed a 36.9% increase in premiums for GTL from \$0.13 to \$0.178 per \$1,000 of coverage and a 46.2% increase in LTD premiums from 0.34% to 0.497% of insured payroll. Staff subsequently requested that Mercer perform a marketing study for LTD, Life, and Dependent Life insurance coverage for 2017. Staff also requested each carrier to provide a quote for AD & D coverage, which the District had provided to employees in the past. Quotes were requested from eight carriers and Hartford was notified of the marketing study and asked to provide their final renewal quote. Three carriers declined to quote and one did not respond. After negotiations with Mercer, Hartford reduced their initial proposals to a 10% increase in premiums for GTL from \$0.13 to \$0.143 per \$1,000 of coverage and a 20.6% increase in LTD premiums from 0.34% to 0.41% of insured payroll. After reviewing the marketing results, Reliance Standard emerged as the carrier offering the most competitive quote for the District's needs. The coverage offered by Reliance Standard is comparable to the coverage the District currently has and meets all of our benefit programs designs. Staff also believes that to have a local client service specialist who is available to meet with staff and conduct periodic claims review will be an improvement over the service that the District currently receives from Hartford.

Director Swan said that this item was reviewed and approved by the Finance and Personnel Committee on September 19, 2016. Following discussion, Director Swan requested that in the future that staff detail the financial impact on any benefits increases to the District. On MOTION by Swan, seconded and unanimously carried, THE BOARD AUTHORIZED THE CANCELTION OF COVERAGE THROUGH HARTFORD AND AUTHORIZED THE GENERAL MANAGER TO CONTRACT WITH RELIANCE STANDARD FOR THE DISTRICT'S LONG-TERM DISABILITY, LIFE, ACCIDENTAL DEATH AND DISMEMBERMENT, AND DEPENDENT LIFE INSURANCE COVERAGE FOR 2017, 2018, AND 2019.

FIRST AMENDMENT TO WATER CONSERVATION PARTICIPATION AGREEMENT WITH THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

General Manager Cook reported that since 2005, IRWD has executed Water Conservation Participation Agreement with the Municipal Water District of Orange County (MWDOC) that governs the regional

incentive water conservation program that is administered by the Metropolitan Water District of Southern California (Metropolitan).

Water Efficiency Manager Ms. McNulty reported that in July 2015, a multi-year Water Conservation Participation Agreement Between MWDOC and IRWD was executed to serve as the governing document for all incentive programs. The Participation Agreement defines the terms for long-term participation in the incentive programs and simplifies the participation and supplemental funding process. The Participation Agreement will expire on June 30, 2025.
(Director John Withers arrived at 5:20 p.m.)

Using a PowerPoint presentation, Ms. McNulty provided an overview to the Water Conservation Participation Agreement First Amendment: New Inspection and Verification Procedures. The purpose of these new procedures is to establish a clear set of inspection procedures to be followed by MWDOC and its member agencies and inspection contractors when conducting pre-and/or post-installation verification inspections for all MWDOC-Administered and or Participant Agency-Administered Rebate Programs. The MWDOC Rebate Programs categorizes its rebate program as Device-Based Rebate Programs, which defines inspection criteria thresholds and verification quantities for sites; and Area-Based Rebate Programs, which provides measurement techniques and documentation requirements for landscape measurements. She said that the benefits to IRWD will improve documentation to support rebate funding, standardize data collection, enhance checks, and balances, and better before and after photos. She said that staff considers the inspection and verification procedures to be fair and reasonable. Due to time constraints, this item was not reviewed by committee. Following discussion, Director Swan requested staff to continue to monitor rebate programs and to provide cost updates to the WRP Committee. On MOTION by Swan, seconded and unanimously carried THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE THE FIRST AMENDMENT TO THE WATER CONSERVATION PARTICIPATION AGREEMENT BETWEEN THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AND IRVINE RANCH WATER DISTRICT.

MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES VARIANCES AND BUDGET INCREASE

General Manager Cook reported that Filanc/Balfour-Beatty (FBB) is constructing the Michelson Water Recycling Plant (MWRP) Biosolids and Energy Recovery Facilities (Biosolids Project). The Board approved Contract Change Order No. 45 in July 2016 which extended the contractual date for final project completion to October 31, 2017. The services of various consultants are needed to supplement the construction management team of the Biosolids project through this time extension.

Executive Director of Engineering and Water Quality Burton reported that construction of the Biosolids Project was awarded to FBB in March 2013 in the amount of \$163,513,307. 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.

Mr. Burton said that Black & Veatch has provided contract administration, construction inspection, and construction management services since 2013. Variance No. 5 with Black & Veatch in the amount of \$3,564,215 is for supplemental contract administration, construction phase, and start-up and commissioning services. Variance No. 5 is summarized below:

- Additional Submittal Reviews – The number of submittals (2,048) through July 8, 2016 has significantly exceeded the allowance amount of 1,200 submittals in the scope of work (171% of allowance amount). The actual expenditures are approximately 150% of budget allowance. Since the submittal reviews will continue through project completion, Variance No. 5 projects the remaining labor and expenses required through approximately April 2017 when construction should be completed;
- Additional Request for Information (RFI) Reviews – The number of RFIs (2,132) through July 8, 2016 has exceeded the allowance amount of 1,200 RFIs in the scope of work (178% of allowance amount). The actual expenditures are approximately 130% of budget allowance. Since the RFIs will continue through project completion, Variance No. 5 projects the remaining labor and expenses required through approximately April 2017;
- Additional Schedule Review – Staff requested Black & Veatch to prepare a special parallel schedule for start-up and commissioning to compare with FBB’s start-up/commissioning schedule. Staff also requested Black & Veatch to perform special evaluations for FBB’s time impact analysis and claims for extended overhead. These special reviews were not included in the original scope of work. Finally, Black & Veatch has projected the additional labor hours to cover the additional schedule reviews through December 2017;
- Additional Electrical and Automation Field Engineering – Black & Veatch will provide additional services for electrical and automation field activities as a result of the time extension;
- Electronic Operations and Maintenance (O&M) Manual Development, Installation, and Training – Staff requested Black & Veatch to conduct technology transfer sessions for MWRP O&M staff. This task was not included in Black & Veatch’s original scope of work. These additional 20 training sessions are needed due to staff turn-over, new hires, and promotions within the MWRP O&M departments, as most of the current staff did not participate in the design phase of this project. The technology transfer sessions will introduce new staff to the design basis, equipment provided, intended operations, alternate operations, and maintenance requirements. The sessions will be held in advance of and will supplement formal Black & Veatch and vendor training;
- Additional Asset Management Data Collection - Staff requested Black & Veatch to prepare 250 new computerized maintenance management software (CMMS) worksheets. The CMMS forms furnish additional information for plant staff regarding the manufacturer data, equipment details, equipment identification, maintenance summary, lubrication requirements, and spare parts data that are not included in the main asset management worksheet covered in the existing scope of work;
- Prepare New Standard Operating Procedure (SOP) Documents - Staff requested Black and Veatch to prepare SOPs for the new major biosolids systems. This was not included in the original scope of work. Black and Veatch will prepare SOPs for the following major systems: 1) sludge pumping, screening, thickening, and feeding to the anaerobic digesters; 2) digested sludge conveyance, digested sludge storage, centrifuge dewatering, and cake feed to the dryer; 3) heat dryer operation process control, and 4) biogas treatment and microturbines; and fats, oil and grease receiving; and
- Additional Air Quality Permit Services - Air Quality Permit Support. Black & Veatch is providing support for the South Coast Air Quality Management District (SCAQMD) permit application and Federal Aviation Agency notification activities. These activities were not included in its original scope. The final SCAQMD air permit requirements for stack testing

- have changed since the original scope of work, and staff has provided recent input to Black & Veatch on the current stack testing requirements. Originally, two stack tests were anticipated: heat dryer and flare. There are now six different stack types that require testing: 1) biosolids receiving, heat dryer; 2) odor scrubber; 3) venturi wet scrubber and regenerative thermal oxidizer; 4) five microturbines; 5) two boilers; and 6) one flare. Black and Veatch will prepare emissions performance test specifications for the stack testing vendor who will be a third-party contractor for IRWD. The purpose of the stack tests is to determine compliance with the SCAQMD Permit to Construct.

Mr. Burton said that Arcadis has provided construction inspection, construction management, and document control system services since the start of the Biosolids project. Through Variance No. 1, Arcadis will negotiate and prepare change orders and provide as-needed construction management support, assist with resolving project claims and delays submitted by FBB, and assist in project close-out activities. These services will be provided through March 31, 2018. Arcadis will also provide construction inspection services through October 31, 2017. Although the project schedule shows that Milestone 4B (Methane Digesters start-up) is scheduled to be completed on August 1, 2017, additional time will likely be needed for completion of punch list items. Arcadis will provide document control services until March 31, 2018, including assistance with the archiving of vital project documents. Variance No. 1 with Arcadis, Inc., is for construction management, construction inspection services, and document control support in the amount of \$1,345,755.

Mr. Burton said that HDR Engineering has provided construction inspection since the start of the Biosolids project. With Variance No. 2, HDR will provide construction inspection services through December 31, 2017. Although the project is scheduled to be completed on October 31, 2017, it is assumed that close-out activities such as punch list items and record drawings will require HDR's assistance. Variance No. 2, with HDR Engineering in the amount of \$496,003 is for construction inspection services.

Mr. Burton said that EI&C Engineering has provided technical oversight of the process control system (PCS) development. EI&C will continue to provide technical oversight of the PCS development through December 31, 2017. Additionally, EI&C will provide additional automation staff to supplement the start-up testing when it is anticipated that multiple start-up tests are scheduled simultaneously. EI&C will also provide technical writing support to prepare the operation manuals and associated training presentations. Variance No. 1, with EI&C Engineering, Inc. in the amount of \$734,600 is for supplemental PCS construction management services, start-up testing, and development of PCS operation manuals and associated training presentations.

Director Reinhart said this item was reviewed and approved by the Engineering and Operations Committee on September 20, 2016. Following discussion, Director Swan requested that staff provide a summary report on Change Orders at a future Board meeting. On MOTION by Swan, seconded and unanimously carried THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 5 WITH BLACK & VEATCH IN THE AMOUNT OF \$3,564,215 FOR SUPPLEMENTAL CONTRACT ADMINISTRATION, CONSTRUCTION PHASE, AND START-UP AND COMMISSIONING SERVICES; AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 1 WITH ARCADIS, INC. IN THE AMOUNT OF \$1,345,755 FOR SUPPLEMENTAL CONSTRUCTION INSPECTION, CONSTRUCTION MANAGEMENT, AND DOCUMENT CONTROL SYSTEM SERVICES; AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 2 WITH HDR ENGINEERING, INC. IN THE

AMOUNT OF \$496,003 FOR SUPPLEMENTAL CONSTRUCTION INSPECTION; AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 1 WITH EI&C ENGINEERING, INC. IN THE AMOUNT OF \$734,600 FOR SUPPLEMENTAL PROCESS CONTROL SYSTEM CONSTRUCTION MANAGEMENT SERVICES, START-UP TESTING, AND DEVELOPMENT OF PROCESS CONTROL SYSTEM OPERATION MANUALS AND ASSOCIATED TRAINING PRESENTATIONS; AND AUTHORIZED A BUDGET INCREASE IN THE AMOUNT OF \$19,607,600 FROM \$196,465,500 TO \$216,073,100, TO THE FY 2016-17 CAPITAL BUDGET FOR THE MICHELSON WATER RECYCLING PLANT BIOSOLIDS AND ENERGY RECOVERY FACILITIES, PROJECT 4286.

INITIAL DISINFECTION FACILITY (IDF) SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM DESIGN VARIANCE, CONSULTANT SELECTION, AND CONSTRUCTION AWARD

The IDF project provides initial disinfection of groundwater from the Dyer Road Wellfield to provide chlorine residual prior to chloramination at the Primary Disinfection Facility. The existing chlorine gas system consists of 16 one-ton chlorine gas cylinders, chlorinators, chlorine booster pumps, emergency scrubber system, and a fully enclosed containment area for truck unloading of the cylinders. This project includes the removal of the existing chlorine gas system and related appurtenances, and the installation of a new sodium hypochlorite storage and feed system within the existing chlorination building. The conversion of IDF from chlorine gas to liquid sodium hypochlorite aligns with the District's goal of assessing the ongoing use of chlorine gas and converting to liquid sodium hypochlorite. Staff advertised the project to a select list of 14 contractors. The bid opening was held September 14, 2016 and bids were received from Gateway Pacific Contractors, Pascal & Ludwig Constructors, Stanek Constructors, Steve P. Rados, and R. C. Foster. Bids ranged from \$1,829,451.20 to \$2,595,000.00, and the engineer's estimate of probable construction cost was \$2,450,000. Pascal & Ludwig Constructors is the apparent low bidder with a bid amount of \$1,829,451.20. On MOTION, by Reinhart, seconded and unanimously carried, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE VARIANCE NO. 2 WITH CAROLLO ENGINEERS IN THE AMOUNT OF \$22,428 FOR ADDITIONAL FINAL DESIGN SERVICES; AUTHORIZED THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH CAROLLO ENGINEERS IN THE AMOUNT OF \$183,586 FOR ENGINEERING SERVICES DURING CONSTRUCTION; AND AUTHORIZED THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH PASCAL & LUDWIG CONSTRUCTORS IN THE AMOUNT OF \$1,829,451.20 FOR THE INITIAL DISINFECTION FACILITY SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM PROJECT, PROJECT 6213.

GENERAL MANAGER'S REPORT

General Manager Cook reported that IRWD received an Award of Excellence from the Orange County Public Relations Society of America for the public affairs program "IRWD Drought Outreach Campaign". He also said that there is a press release issued today regarding the Energy Storage Network Program being implemented by IRWD and Advanced Microgrid Solutions. This information is being widely distributed and will also be posted on our website.

Mr. Cook reported that this morning he and Mr. Paul Weghorst met with MWDOC staff to begin developing concepts through which other MWDOC Member Agencies could participate in

programs to improve water supply reliability. He said this was an initial meeting to gage the interest of MWDOC staff, which appeared to be positive.

Mr. Cook said that he will be on vacation and during these two weeks, Mr. Kevin Burton and Mr. Paul Weghorst will serve as the Acting General Manager for one week each.

DIRECTORS' COMMENTS

Director LaMar reported that he attended the ACWA Federal Affairs Committee in Sacramento. He also attended the 20th Anniversary of the Orange County Central and Coastal NCCP/HCP.

Director Withers reported that he attended a NWRI Meeting and said that they are currently recruiting for an executive officer. He also said that the annual Clarke Prize Awards event is scheduled November 3rd.

Director Swan reported that he attended the annual OCWA Pipe Tapping competition held at Rattlesnake Reservoir. He also attended the 20th Anniversary of the NCCP/HCP event along with Director Matheis, an OCWD Board meeting and will attend ISDOC Quarterly meeting on Friday. He said he will also attend the ACWA Regulatory Summit and a Water Education Foundation Groundwater Tour in Sacramento next week.

Director Reinhart reported that he attended a MWDOC Board meeting.

Director Matheis reported that she attended the NCCP/HCP 20th Anniversary event. She also said that due to vacations and other events that the October 10th Board meeting has been cancelled.

CLOSED SESSION

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

CLOSED SESSION – CONFERENCE INVOLVING A JOINT POWERS AGENCY SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ("SOCWA")) pursuant to Government Code Section 54956.96. Discussion: under Government Code Section 54956.9, discussion of Potential Litigation in one matter.

IRWD representative on SOCWA Board: Douglas Reinhart

Additional information listing names of other SOCWA member agencies or titles of representatives to attend closed session: None

OPEN SESSION

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

ADJOURNMENT

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

APPROVED and SIGNED this 24th day of October 2016.

President, IRVINE RANCH WATER DISTRICT

Assistant Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

Legal Counsel - Bowie, Arneson, Wiles & Giannone

October 24, 2016
Prepared and
Submitted by: N. Savedra
Approved by: P. Cook



CONSENT CALENDAR

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

SUMMARY:

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

Events/Meetings

Steven LaMar

10/07/16 CED Long View Committee Meeting
10/13/16 OC Coastkeeper-Annual Clean Water -2016 Toast the Coast
10/15/16 IRWD Resident Tour
10/18/16 South Orange County Agencies' Meeting
10/25/16 Water Seminar at UCI – The Future of Water in Southern California
10/27/16 SCWC Annual Meeting, Santa Ana, CA
10/28/16 ACWA Region 10 Program, Vista, CA

Mary Aileen Matheis

10/3-4/16 ACWA 2016 Regulatory Summit, Sacramento, CA
10/10-13, 2016 CSDA 2016 Annual Conference, San Diego, CA
10/14/16 IRWD Resident Tour
10/19-20/16 NWRI/SCWC/DWR –Drought Vulnerability Seminar, Long Beach, CA
10/25/16 Water Seminar at UCI – The Future of Water in Southern California
10/27/16 SCWC Annual Meeting, Santa Ana, CA
10/28/16 ACWA Region 10 Program, Vista, CA

Douglas Reinhart

10/11/16 NWRI Operation Committee Meeting – Alternate
10/15/16 OCSD State of the District
10/18/16 South Orange County Agencies' Meeting
10/27/16 SCWC Annual Meeting, Santa Ana, CA

Peer Swan

10/2-4/16 ACWA 2016 Regulatory Summit, Sacramento, CA
10/5-6/16 Water Education Foundation Groundwater Tour, Sacramento
10/13/16 OC Coastkeeper-Annual Clean Water -2016 Toast the Coast
10/18/16 WACO Planning Committee Meeting
10/19/16 Newport Bay Executive Committee Meeting
10/21/16 South OC Economic Coalition Legislative Meet & Greet
10/25-26/16 WaterNow Alliance-Sustainable Water Solution Summit
10/27/16 SCWC Annual Meeting, Santa Ana, CA

Consent Calendar: Ratify/Approve Board of Directors' Attendance at Meetings and Events

October 24, 2016

Page 2

John Withers

10/25/16

Water Seminar at UCI – The Future of Water in Southern California

RECOMMENDATION:

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

LIST OF EXHIBITS:

None

October 24, 2016

Prepared by: Tina Bertsch/Christopher Smithson

Submitted by: Cheryl Clary

Approved by: Paul Cook

TB CS
CC
PC

CONSENT CALENDAR

IRVINE RANCH WATER DISTRICT STRATEGIC MEASURES

SUMMARY:

Provided as Exhibit "A" are the IRWD Strategic Measures and informational items for the Board's review. These measures are intended to reflect the critical performance measures that gauge the District's key business objectives.

BACKGROUND:

The proposed strategic measures document summarizes a number of operating performance, financial, customer and other key measures important to the ongoing operation of the District. These measures were selected and designed to provide a "snapshot" view of the measures that would be of interest to the Board.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

THAT THE BOARD RECEIVE AND FILE THE REPORT.

LIST OF EXHIBITS:

Exhibit "A" – September 2016 Strategic Measures

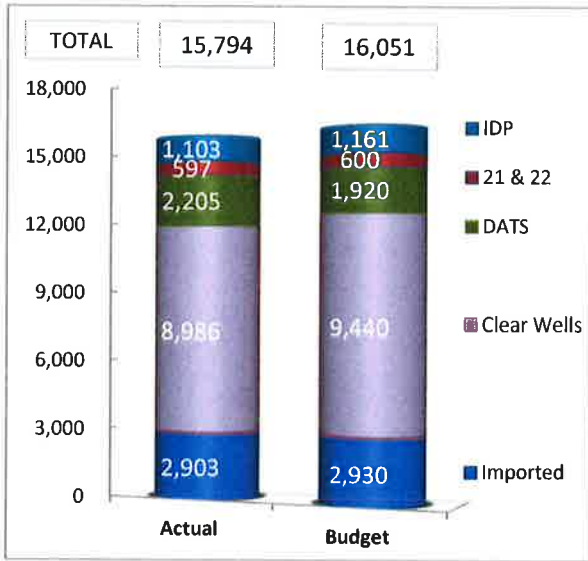
IRVINE RANCH WATER DISTRICT

Exhibit "A"

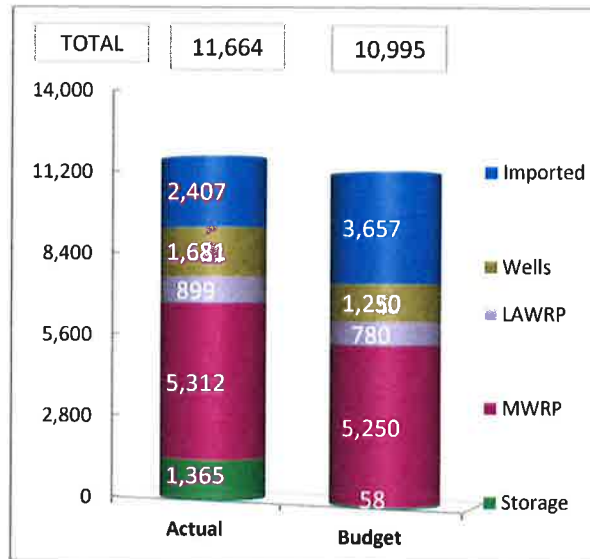
Operational Performance Measures

Data as of September 30, 2016

Potable Water Production FYTD
(AF)



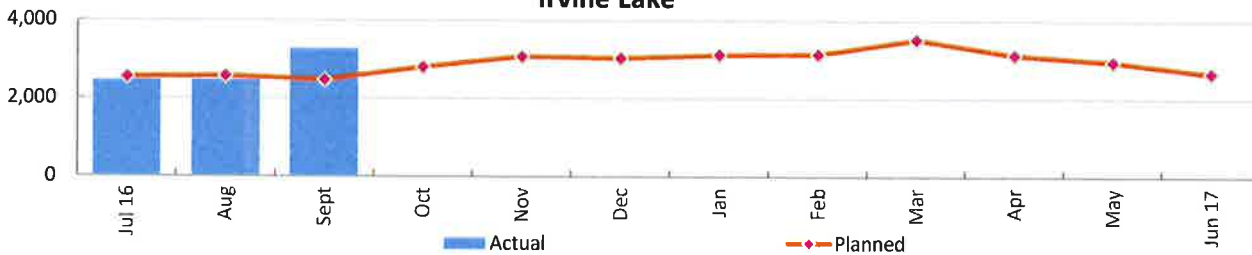
Non-Potable Water Production FYTD
(AF)



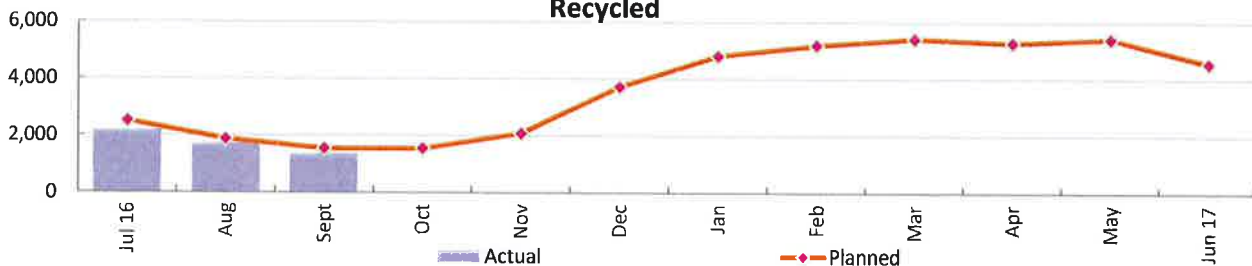
Non-Potable Reservoir Storage

(AF)

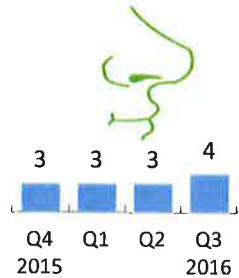
Irvine Lake



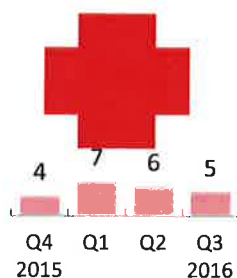
Recycled



Odor Complaints (by quarter)



OSHA Recordables Incidents



Regulatory Compliance Incidents

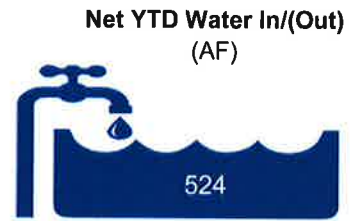
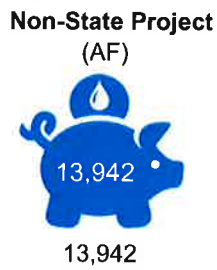
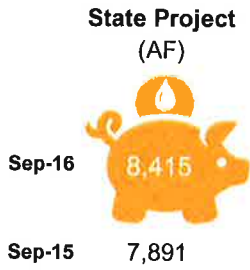
AQMD	0	0	0	0
Plants	0	0	0	0
Sewer Spills	0	0	0	0
	Q4 2015	Q1 2016	Q2 2016	Q3 2016

IRVINE RANCH WATER DISTRICT

Other Statistical Information

Data as of September 30, 2016

Banked Water

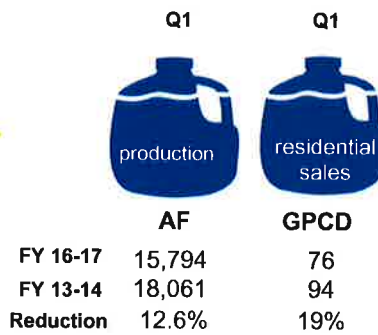


*Calendar Year including extraordinary supply received.

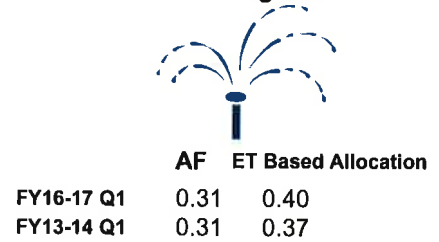
Certificates of Occupancies FYTD



Total Potable Water

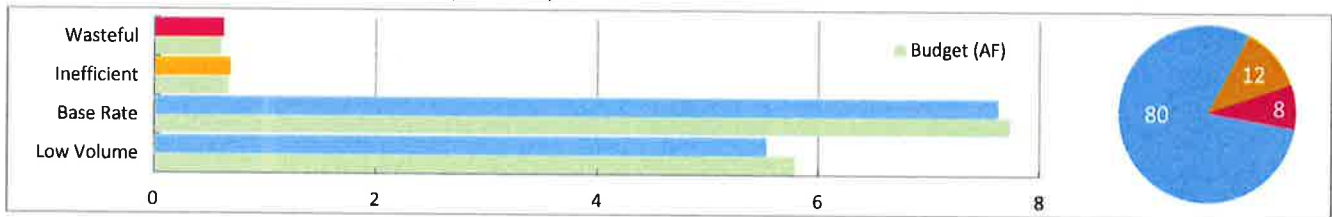


Acre-Feet Per Acre Irrigation

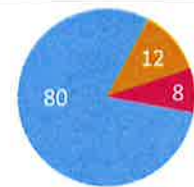


Potable Sales by Tier FYTD

(in thousands)

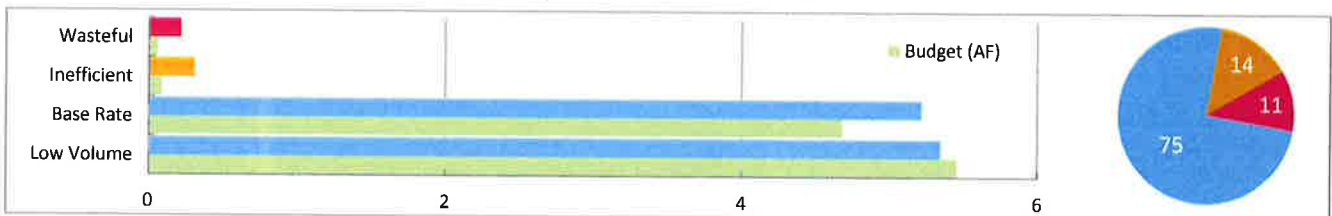


% of Customers by Tier



Non-Potable Sales by Tier FYTD

(in thousands)

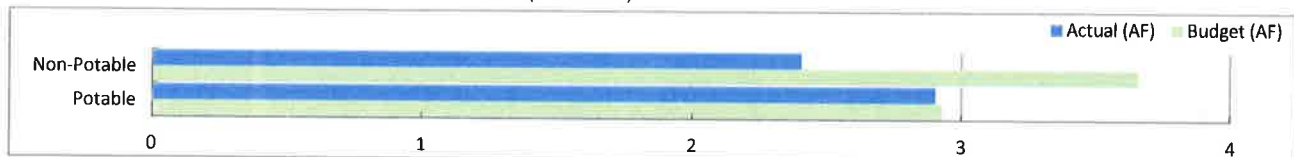


% of Customers by Tier



Imported Water FYTD

(in thousands)



Customer Satisfaction Index**



** 12 month rolling average

October 24, 2016

Prepared and

submitted by: C. Compton

Approved by: Paul Cook



CONSENT CALENDAR

2016 LEGISLATIVE UPDATE

SUMMARY:

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

BACKGROUND:

During the 2015-2016 legislative session, 2,974 Assembly bills and 1,525 Senate bills were introduced. In the 2016 legislative year, more than 2,524 bills, including two-years bills, died in the Legislature while 1,059 were passed and sent to the Governor. Approximately 800 of 1,059 bills were sent to the Governor at the end of the legislative session. Governor Brown had until midnight on September 30, 2016, to sign or veto bills sent to him at the end of session. Overall, in 2016, the 900 bills were chaptered and 159 vetoed. Unless a signed bill contained an urgency measure or language delaying its effective date, the bill will take effect on January 1, 2017.

The 2017-2018 legislative session will convene on December 5, 2016. Legislators will have until February to introduce new legislation.

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

State Budget Update:

August Revenue Numbers:

On September 12, 2016, State Controller Betty Yee released her monthly report on the State's finances. She announced that, after four months of shortfalls, August revenues came in at \$425.2 million, or 5.2 percent, higher than the revenue assumptions contained in the 2016-2017 Budget. The increased revenues were largely the result of personal income tax revenues being higher than anticipated. Personal income tax revenues came in \$373.4 million, or 8.5 percent, higher than budget forecasts. Corporate and sales tax revenues continued to underperform expectations in August. Despite the positive August revenue news, fiscal year revenues to date remain \$166.1 million, or 1.2 percent, below the assumptions contained in the Fiscal Year 2016-2017 budget.

The State ended the month of August with an outstanding internal borrowing loan balance of \$5.61 billion, which was \$421.4 million less than anticipated.

2016 State Legislation:

As has been traditionally done in October after the legislative session, staff has provided an update on each bill in which the District had expressed interest or taken a position during the legislation session. A short summary and a status report on each bill are provided below:

AB 1713 (Eggman, D-Stockton) — Sacramento-San Joaquin Delta:

AB 1713 by Assemblymember Susan Eggman (D, Stockton) sought to prohibit the construction of the California WaterFix, unless it was approved via initiative by California voters on or after January 1, 2017. Metropolitan Water District of Southern California (MWD) asked its member agencies, and retail agencies that rely on MWD supplies, to sign a coalition letter opposing AB 1713. In response to MWD's request, IRWD adopted an "oppose" position on AB 1713 and authorized the District to work with its industry partners to communicate continued support for the 2009 Delta package and policies that further the co-equal goals of water supply reliability and the Delta ecosystem. IRWD joined the coalition of water agencies opposed to the proposal.

On May 27, 2016, the bill was held on the Assembly Appropriations Suspense File. The bill remained on the Suspense File at the end of the legislative session.

AB 1755 (Dodd, D-Woodland) — The Open and Transparent Water Data Act:

AB 1755, authored by Assemblymember Bill Dodd (D, Woodland), enacts The Open and Transparent Water Data Act. The bill requires the Department of Water Resources (DWR) to create, operate and maintain a statewide, integrated water data platform that will integrate existing water and ecological data information from multiple databases and provide data on completed water transfers and exchanges. It also requires DWR, the State Water Resources Control Board (State Board) and the California Department of Fish and Wildlife (DFW) to develop protocols for data sharing, documentation, quality control, public access and promotion of open-source platforms and decision support tools related to water data.

AB 1755 was passed by the Senate on August 22, 2016, on a vote of 39 to 0, and by the Assembly on August 25 on a vote of 75 to 0. The bill was signed by the Governor on September 23, and will take effect on January 1, 2017.

IRWD had no adopted position on AB 1755.

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

The WaterReuse Association of California, the Orange County Water District (OCWD) and the Orange County Sanitation District co-sponsored AB 2022, authored by Assemblymember Richard Gordon (D, Los Altos). The bill permits the bottling of advanced treated purified water under certain conditions for educational purposes and for the purpose of promoting water recycling. It allows OCWD to bottle water from the Groundwater Replenishment System for educational and demonstration purposes.

AB 2022 was passed by the State Senate on August 18, 2016, on a vote of 38 to 0, and passed by the Assembly on August 24 on a vote of 79 to 1. The bill was signed by the Governor on September 21, and will take effect on January 1, 2017.

IRWD had adopted a “support” position on AB 2022.

AB 2087 (Levine, D-Santa Rosa) — Regional Conservation Investment Strategies:

AB 2087, authored by Assembly Water, Parks and Wildlife Chairman Marc Levine (D-Santa Rosa), authorizes public agencies to develop regional conservation investment strategies. As stated in the bill, the purpose of a regional conservation investment strategy is to inform science-based nonbinding and voluntary conservation and habitat enhancement actions to advance the conservation of special status species. The bill was amended on the last day of session. As amended, the bill limits the number of regional conservation investment strategies that can be approved within the state to eight.

AB 2087 was passed by the State Senate on August 31, 2016, on a vote of 39 to 0, and passed by the Assembly on a vote of 75 to 0 the same day. The bill was signed by the Governor on September 22, and will take effect on January 1, 2017.

IRWD had adopted an “oppose” position on a previous version on AB 2087. With the amendments taken in late August, the District removed its opposition.

AB 2488 (Dababneh, D-Van Nuys) — Fully Protected Species: Unarmored Threespine Stickleback:

The California Endangered Species Act prohibits the taking of an endangered or threatened species unless DFW has authorized the take, the take is minimized and fully mitigated, and the take is incidental to an otherwise lawful activity. While DFW can issue incidental take permits for endangered or threatened species, the fully protected species statutes prohibit all take of fully protected species, with only a few narrow exceptions. AB 2488 (Dababneh, D-Van Nuys) adds an additional exception to the fully protected fish species exceptions already in statute. AB 2488 permits DFW to authorize the take of the unarmored threespine stickleback during periodic dewatering, inspection, maintenance, or repair of the MWD’s Foothill Feeder.

AB 2488 was passed by the State Senate on August 24, 2016, on a vote of 39 to 0, and passed by the Assembly on August 30 on a vote of 79 to 0. The bill was signed by the Governor on September 16, 2016, and will take effect on January 1, 2017.

IRWD had taken a “support” position on AB 2488.

AB 2583 (Frazier, D-Fairfield) — Sacramento-San Joaquin Delta Reform Act of 2009:

The Sacramento-San Joaquin Delta Reform Act of 2009 established the Delta Stewardship Council and required the Council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. Under the Delta Reform Act, the Delta Plan is required to further the coequal goals of providing a more reliable

water supply and protecting, restoring, and enhancing the Delta ecosystem. The Act dealt with how permitting of a new conveyance facility and the Bay Delta Conservation Plan would proceed. AB 2583 (Frazier, D-Fairfield) sought to modify the Delta Reform Act substantially. AB 2583 would have added substantial, new requirements to the Delta Reform Act for the California WaterFix or any other change in conveyance within the Delta. Furthermore, it would have delayed the start of construction of any Delta fix for a number of years and added significant new financial and regulatory hurdles that any new facility would need to overcome.

The bill was heard by the Assembly Water, Parks and Wildlife Committee on April 19, 2016. It failed passage and thus, failed to meet the House of Origin deadline. IRWD had taken an “oppose” position on AB 2583.

AB 2909 (Levine, D-Santa Rosa) — Water: Transfer or Exchange: Expedited Review:

On June 21, 2016, Chairman Marc Levine gutted and amended AB 2909. As amended, AB 2909 would have required the State Board and DWR to develop and implement an expedited 30-day review process for approval of environmentally beneficial reoccurring water transfers or exchanges. AB 2909 was held on the Senate Appropriations Suspense File on August 11, where it remained at the end of session.

IRWD had adopted a “support if amended” position on AB 2909.

ACA 8 (Bloom, D-Santa Monica) — Local Government Financing Water Facilities and Infrastructure: Voter Approval:

Article XIII of the California Constitution requires a city, county or special district to obtain a 2/3 majority vote prior to levying any ad valorem tax greater than one percent, prior to levying a special tax, and before it incurs bonded indebtedness. ACA 8, as introduced by Assemblymember Richard Bloom (D, Santa Monica), proposed to amend these provisions of the constitution as they relate to entities funding water, stormwater and wastewater infrastructure. ACA 8 sought to lower the voter approval threshold for ad valorem taxes greater than 1 percent, special taxes, and bonded indebtedness from 66.7 percent to 55 percent if the tax or debt issuance will solely finance the construction of water, stormwater and wastewater infrastructure. Assemblymember Bloom authored the proposed constitutional amendment on behalf of the West Basin Municipal Water District.

ACA 8 was referred to, but not heard by, the Assembly Committee on Local Government. IRWD did not taken a position on ACA 8.

SB 20 (Pavley, D-Calabasas) — California Water Resiliency Investment Act:

In August 26, 2015, Senator Fran Pavley (D, Calabasas) gutted and amended SB 20 to begin a policy conversation on a public goods charge for water. As amended at that time, the bill did not contain a funding mechanism but would have created the California Water Resiliency Investment Fund. Amendments to SB 20 that would have sought to establish a public goods charge for water were expected to be released in early January 2016, but were never released. On June 20, 2016, SB 20 was gutted and amended again. The bill, as amended, sought to establish a Low

Carbon Fuels Council to accelerate the development of in-state production of low carbon fuels and to identify any gaps in existing programs, policies or activities that would impede the construction of low carbon fuel production facilities. At the end of session, the bill remained on the Assembly Inactive File.

IRWD had taken an “oppose” position on any public goods charge for water inconsistent with the Board-adopted policy principles.

SB 163 (Hertzberg, D-Van Nuys) — Wastewater Treatment: Recycled Water:

SB 163 authored by Senator Bob Hertzberg (D, Van Nuys) proposed a ban on ocean discharge of treated wastewater. Specifically, the bill would have declared that the discharge of treated wastewater from ocean outfalls, except in compliance with the bill’s provisions, is a waste and unreasonable use of water in light of the cost-effective opportunities to recycle water for further beneficial use. On August 18, 2016, Senator Hertzberg gutted and amended SB 163 to deal with the setting of bail during pretrial release. At the end of session, however, the bill remained in the Assembly Environmental Safety and Toxic Materials Committee.

IRWD took an “oppose” position on SB 163 and worked with the coalition led by the California Association of Sanitation Agencies and WaterReuse California to oppose the bill.

SB 814 (Hill, D-San Mateo) — Drought: Excessive Water Use:

SB 814 (Hill, D-San Mateo) requires each urban retail water supplier to establish a local definition of excessive water use, and prohibits excessive water use as defined by the urban water supplier during a drought. The bill authorizes two methods by which an urban retail water supplier may restrict excessive water use and comply with the requirements of the bill. The first method would allow an urban retail water supplier to identify and restrict excessive water use through the establishment of a rate structure that includes block tiers, water budgets, or rate surcharges over and above base rates for excessive water used by residential customers. The second method would allow an urban retail water supplier to identify and restrict excessive water use through the establishment of an excessive water use ordinance, rule, or tariff condition. The ordinance, rule or tariff condition must include a definition of excessive water use. The bill also sets the fine for violating the ordinance, rule or tariff punishable at up to \$500 per 100 cubic feet of water or 748 gallons used above the excessive water use threshold. The bill limits these requirements to periods during which the Governor has issued a proclamation of a state of emergency based on drought conditions or when local water supply shortage conditions exist.

SB 814 was passed by the Assembly August 4, 2016, on a vote of 45 to 29, and passed by the State Senate on August 11 on a vote of 23 to 13. The bill was signed by the Governor on August 29, and will take effect on January 1, 2017.

As a result of clarifying amendments obtained by IRWD, the District adopted a “watch” position on SB 814, as amended.

SB 885 (Wolk, D-Vacaville) — Construction Contracts: Indemnity:

When contracting with a design professional, public agencies often place a clause in the agreement requiring the design professional to legally defend the public agency if a claim or lawsuit directly related to the design work is filed against the agency— this is known as a duty to defend. As introduced, SB 885 (Wolk, D-Vacaville) proposed to make such provisions largely unenforceable. In June, SB 885 was referred to the Assembly Judiciary Committee and scheduled for hearing. The hearing was canceled at the author’s request, and the bill did not move forward.

IRWD took an “oppose” position and joined a coalition of public agencies opposing SB 885 because the bill would have required a public entity to front the defense costs for a private entity that has a duty to defend, created conflicts within public-private partnerships, and effectually eliminated the incentive for public agencies and design professionals to work together towards settlement of a lawsuit, rather than the costlier process of litigation.

SB 970 (Leyva, D-Chino) — Greenhouse Gas Reduction Fund: Grant Program:

The Inland Empire Utilities Agency sponsored SB 970, authored by Senator Connie Leyva (D, Chino). SB 970, as amended, requires CalRecycle to consider the amount of greenhouse gas emissions reductions that may result from a compost or anaerobic digestion project receiving grants funds, and the amount of organic material that may be diverted from landfills as a result of the project. This bill would also require CalRecycle, to the degree that funds are available, to provide larger grant awards for large-scale regional integrated projects that provide cost-effective organic waste diversion and maximize environmental benefits.

SB 970 was passed by the Assembly on August 23, 2016, on a vote of 77 to 0, and passed by the State Senate on August 31 on a vote of 26 to 20. The bill was signed by the Governor on September 14 and will take effect on January 1, 2017.

IRWD had adopted a “support in concept” position on SB 970 and on the development of a State program, which would provide grants to wastewater agencies for the development or implementation of projects that would integrate food waste processing at wastewater treatment facilities and which would result in the diversion of organics from local landfills. IRWD also has a “support in concept” position on the dedication of Cap-and-Trade revenues to public wastewater treatment facilities.

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

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

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

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

SB 974 was passed by the Assembly on August 18, 2016, on a vote of 78 to 1, and passed by the State Senate on August 25 on a vote of 39 to 0. The bill was signed by the Governor on September 14 and will take effect on January 1, 2017.

IRWD took a "support" position on SB 974 given the inclusion of District's sewer agency ordinance and resolution proposal in the bill.

SB 1298 (Hertzberg, D-Van Nuys)— Local Government: Fees and Charges:

On June 13, 2016, Senator Bob Hertzberg (D-Van Nuys) gutted and amended SB 1298 inserting the Water Foundation's water and sewer rate proposal into the bill. As gutted and amended, SB 1298 would have authorized the funding of stormwater management as a sewer service charge by defining sewer service for purposes of Proposition 218. At the end of session, the bill remained on the Assembly Inactive File as Senator Hertzberg decided to not move the bill forward this year and to continue working on the issue next year.

IRWD had adopted a "concerned" position on SB 1298 and authorized staff to communicate the District's concern over any water rate legislation which is not consistent with the California Constitution, voluntary in nature, or which does not provide sufficient clarity or flexibility to water agencies. As authorized by the Board, staff will continue to work with interested parties on issues related to tiered water rates going forward.

SB 1317 (Wolk, D-Vacaville) — Conditional Use Permit: Groundwater Extraction Facility:

SB 1317, authored by Senator Lois Wolk (D, Vacaville), would have required a city or county overlying a high or medium priority basin to issue a groundwater extraction permit for the development of any groundwater extraction facility, with limited exception. The purpose of the proposed permit process was aimed at preventing a new groundwater extraction facility from contributing to or creating an undesirable result, as defined in the Sustainable Groundwater Management Act, within the groundwater basin. In June, SB 1317 was referred to the Assembly Local Government Committee, but the hearing was canceled at the author's request and the bill was dropped.

IRWD had an “oppose unless amended” position on SB 1317.

Other State Actions:

Little Hoover Commission Study of Special Districts:

As previously reported, the Little Hoover Commission has initiated a new study of California special districts. To kick off the study, the Commission held a hearing on August 25, 2016, regarding California special districts. The hearing covered a wide range of issues related to special districts including property taxes, reserves, and consolidations. Following the August 25 hearing, the Commission announced that its study of special districts will focus on how special districts are incorporating climate change adaptation into current and long-term allocations of property tax revenues, fee revenues, and reserves, and on health care districts. The subject of climate change adaptation will be the subject of the Commission’s October 27 hearing on special districts, and health care districts will be the subject of separate advisory committee meeting held by the Commission.

Staff continues to coordinate with the District’s associations and with the workgroup of interested special districts put together by the California Special Districts Association to provide information to the Commission on special districts and the topics of the Commission’s study. Staff will provide an oral update on any new developments.

AB 2282 Dual-Plumbing Standards and Implementing Regulations:

AB 2282, signed into law by Governor Brown in 2014, directed the California Building Standards Commission (BSC) and the Department of Housing and Community Development (HCD) to develop mandatory building standards for dual-plumbing both residential and commercial buildings. As part of that process the BSC and HCD formed a steering committee to provide input into the regulation development process. IRWD staff has been serving on the steering committee.

2016 Federal Legislation:

Water Resources Development Act of 2016:

Last month the House of Representatives passed the House version of the Water Resources Development Act (WRDA) of 2016 on a vote of 399 to 25. IRWD had been working with Representative Mimi Walters (R-Irvine) to clarify the definition of a “water resources and development project” to include environmental infrastructure projects. The bill, as introduced and as amended, expanded the definition of a “water resources and development project” to include environmental infrastructure projects for some sections of WRDA, but it did not include the language IRWD had sought clarifying that environmental infrastructure projects are eligible under the section of WRDA 2014 that would most likely be utilized by the District. As a result, Representative Walters had sought the amendment needed by IRWD. Unfortunately, the amendment was not accepted in the Committee markup of the bill and was not in the bill passed by the House. With the House’s passage of the bill, WRDA will move to conference as the Senate had previously passed its version of the bill.

IRWD's staff and federal advocates are working to develop a new strategy to address the language IRWD needs.

2016 Legislative Planning

ACWA's Call for Legislative Proposals:

Each year the Association of California Water Agencies (ACWA) State Legislative Committee solicits legislative proposals from ACWA members, which it considers at its Annual Planning Meeting in the fall. The State Legislative Committee evaluates the proposals and determines whether to sponsor or support legislation based on ACWA's Strategic Business Plan, policy principles and priorities. In order to have a proposal considered, ACWA required that proposals to be submitted by September 2, 2016, this year.

CMUA's Call for Legislative Proposals:

Each year the California Municipal Utilities Association (CMUA) solicits legislative proposals from CMUA members, which it considers at its Annual Planning Meeting in the fall. The CMUA Legislative Committee evaluates the proposals and determines whether to sponsor or support legislation based the association's policy principles and priorities. In order to have a proposal considered, CMUA required that proposals to be submitted by October 14, 2016. Staff will provide an oral update on any new developments related to CMUA annual planning meeting and sponsored legislation.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on October 19, 2016.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

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

EXHIBIT "A"
IRWD 2016 LEGISLATIVE MATRIX
Updated 10/03/2016

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 12</u> Cooley (D)	State Government: Administrative Regulations: Review		Requires each state agency after a noticed public hearing, to review the agency's regulations, identify any regulations that are duplicative, overlapping, inconsistent, or out of date, to revise those identified regulations, and report to the Legislature and Governor.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<u>AB 45</u> Mullin (D)	Household Hazardous Waste		Requires the Department of Resources Recycling to adopt model ordinance for a comprehensive program for the collection of household hazardous waste. Authorizes a local jurisdiction proposing to enact an ordinance for the collection and diversion of such waste to adopt a Department model. Requires a determination as to whether a nonprofit organization has been created and funded to make grants to local entities for purposes related to the disposal of such waste.	06/29/2016 - In SENATE Committee on ENVIRONMENTAL QUALITY: Heard, remains in Committee.
<u>AB 259</u> Dababneh (D)	Personal Information Privacy		Requires an agency, if the agency was the source of the breach and the breach compromised a person's social security number, driver's license number, or California identification card number, to offer to provide the person with identity theft prevention and mitigation services at no cost for not less than 12 months.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<u>AB 291</u> Atkins (D)	Tribal Gaming: Compact Ratification		Ratifies the tribal-state gaming compact entered into between the State and the Barona Band of Mission Indians, executed on a specified date. Provides that, in deference to tribal sovereignty, certain actions are not projects for the purposes of CEQA.	09/12/2016 - Signed by GOVERNOR.;09/12/2016 - Chaptered by Secretary of State. Chapter No. 284
<u>AB 453</u> Salas (D)	Groundwater: Semitropic Water Storage District		Authorizes the Semitropic Water Storage District to collect groundwater extraction information and to require the reporting of groundwater information. Authorizes the district to impose fees on the extraction of groundwater from the basin.	09/22/2016 - Signed by GOVERNOR.;09/22/2016 - Chaptered by Secretary of State. Chapter No. 439
<u>AB 577</u> Bonilla (D)	Biomethane: Grant Program		Requires the development and implementation of a grant program to award grants for projects that produce biomethane, that build	09/11/2015 - Re-referred to SENATE Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			or develop collection and purification technology or infrastructure, or that upgrade or expand existing biomethane facilities. Authorizes moneys in the Greenhouse Gas Reduction Fund to be used to fund grants awarded under the program.	
AB 590 Dahle (R)	Greenhouse Gas Reduction Fund		Provides that moneys in the Greenhouse Gas Reduction Fund account may be made available for expenditure by the State Energy Resources Conservation and Development Commission for maintaining the current level of biomass power generation or geothermal energy generation in the State and revitalizing currently idle facilities in strategically located regions. Establishes requirements for an applicant to receive available funding for a facility's eligible electrical generation.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
AB 615 Rendon (D)	Office of Sustainable Water Solutions: Assistance		Amends existing law that establishes the Office of Sustainable Water Solutions to promote permanent and sustainable drinking water and wastewater treatment solutions to ensure the effective and efficient provision of safe, clean, affordable, and reliable drinking water and wastewater treatment services and authorizes the office to provide technical assistance to disadvantaged communities and small drinking water systems and wastewater systems. Specifies the technical assistance that may be provided.	06/18/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.
AB 647 Eggman (D)	Beneficial Use: Storing of Water Underground		Declares that the diversion of water to underground storage constitutes a beneficial use of water if the water so stored is thereafter applied to the beneficial purposes for which the appropriation for storage was made, or if the water is so stored consistent with a sustainable groundwater management plan, statutory authority to conduct groundwater recharge, or a judicial degree and is for specified purposes. Requires applying for a permit or petition for a change. Requires including specified conditions.	06/30/2015 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;06/30/2015 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 723 Chiu (D)	Housing: Finance		Relates to the allocation of funds under the Community Development Block Grant Program. Authorizes the Department of Housing and Community Development to issue a Notice of Funding Availability under which it may be determined that an applicant awarded funds is eligible to receive additional funds. Relates to multifamily rental housing development. Authorizes the Housing Finance Agency to waive certain requirements for very low income households. Makes changes concerning rental payment limitations.	09/24/2016 - Chaptered by Secretary of State. Chapter No. 552
AB 935 Salas (D)	Water Projects		Requires, upon appropriation by the Legislature, the Department of Water Resources to provide funding for a certain project, provided that certain conditions are met.	09/25/2016 - Chaptered by Secretary of State. Chapter No. 601
AB 937 Salas (D)	Groundwater Plan/Assistance: Disadvantaged Communities		Requires the Department of Water Resources to provide technical assistance to disadvantaged communities so that they may participate in groundwater planning, including planning for regional groundwater banking, with any county or other local agency.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
AB 938 Rodriguez (D)	Sustainable Groundwater Management Act: Basins		Amends the Sustainable Groundwater Management Act. Authorizes a watermaster or local agency administering an adjudicated basin to elect that the basin be subject to the provisions of the Act. Authorizes a court with jurisdiction over the basin to issue and order to set a hearing to determine if the basin shall be subject to the Act. Requires written notice to the Department of Water Resources that the basin is subject to the Act. Requires the notice to be posted on the Department's Web site.	03/09/2016 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;03/09/2016 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
AB 954 Mathis (R)	Water and Wastewater Loan and Grant Pilot Program		Creates the Water and Wastewater Loan and Grant Program. Require the State Water Resources Control Board to establish a pilot program to provide low-interest loans and grants to local agencies for grants to eligible individual homeowners for	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			purposes relating to drinking water and wastewater treatment. Creates a related fund for use under the program. Transfers a specified amount of funds from the General Fund to the fund.	
AB 1144 Rendon (D)	Renewables Portfolio Standard Program: Credits		Provides that renewable energy credits may be used to meet certain portfolio content requirements if the credits are earned by electricity that is generated by an entity that would be excluded from the definition of an electrical corporation by operation of the exclusions for entities employing landfill or digester gas technology that meets certain requirements, including that the electricity is used at a wastewater treatment facility. Prohibits certain marketing claims.	08/17/2015 - From SENATE Committee on APPROPRIATIONS with author's amendments.;08/17/2015 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1173 Williams (D)	Water Equipment: Backflow Prevention Devices Testing		Requires, if a local health officer does not maintain a program for certificate of backflow prevention device testers, the testing and maintenance of such device be performed by a person who has received a California-specific certification for such devices from one of the specified entities or a similar certification provider deemed acceptable by the State Water Resources Control Board.	07/14/2015 - In SENATE Committee on ENVIRONMENTAL QUALITY: Not heard.
AB 1201 Salas (D)	Delta: Predation by Nonnative Species	Support	Requires the State Department of Fish and Wildlife to develop a science-based plan that addresses predation by nonnative species upon species of fish listed pursuant to the State Endangered Species Act that reside all or a portion of their lives in the Sacramento-San Joaquin Delta and that considers predation reduction for all Chinook salmon and other native species not listed pursuant to the Act. Provides for input from the scientific community, water users and fishing communities.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
AB 1242 Gray (D)	Water Quality and Storage		Provides provisions of law requiring a specified increase in statewide water storage capacity, and updating water strategies and implementation plans. Requires the Water Resources Control Board, in formulating policy for water quality control and adopting or approving a water quality control plan for the	09/02/2015 - In SENATE. Read second time. To third reading.;09/02/2015 - Re-referred to SENATE Committee on RULES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Sacramento-San Joaquin Delta, to take into consideration any applicable groundwater sustainability plan or alternative and available information on impacts of groundwater use and beneficial uses of water.	
AB 1550 Gomez (D)	Greenhouse Gases: Investment Plan: Communities		Relates to greenhouse gases and investments in communities. Requires the Greenhouse Investment Fund plan to allocate a percentage of moneys in the Greenhouse Gas Reduction Fund to projects located within disadvantaged communities, an additional minimum percentage to projects that benefit low-income households or to certain projects located within low-income communities and within a specified distance of disadvantaged communities.	09/14/2016 - Chaptered by Secretary of State. Chapter No. 369
AB 1586 Mathis (R)	Environmental Quality Act: Temperance Flat Reservoir		Prohibits the court, in an action or proceeding alleging a violation of the California Environmental Quality Act, from staying or enjoining the construction or operation of the Temperance Flat Reservoir unless the court makes certain findings.	04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.;04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Reconsideration granted.
AB 1587 Mathis (R)	Groundwater		Requires, in implementing competitive grants under the Water Quality, Supply, and Infrastructure Improvement Act of 2014, for projects that develop and implement groundwater planning requirements, special consideration be given to those projects that would create groundwater recharge basins in areas of fallow farmland. Appropriates a specified amount of funding from the proceeds of the Act for the purposes of the grant program.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1588 Mathis (R)	Water and Wastewater Loan and Grant Program		Authorizes the State Water Resources Control Board to establish a program to provide funding to counties and qualified nonprofits to award low-interest loans and grants for purposes relating to drinking water and wastewater treatment. Authorizes the board to use funding appropriated in an item of the Budget Act of 2016	09/22/2016 - Vetoed by GOVERNOR.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			from the State Water Quality Control Fund, or to use any other funding source consistent with the purposes of the program.	
<u>AB 1589</u> Mathis (R)	Environmental Quality Act: Exemption:Drought Mitigation		Exempts from the requirements of the California Environmental Quality Act, for the duration of a state of emergency proclaimed by the Governor due to drought conditions, certain projects that are undertaken, carried out, or approved by a public agency to mitigate those drought conditions.	04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.;04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Reconsideration granted.
<u>AB 1590</u> Mathis (R)	State Water Resources Control Board: Appointments		Requires that additional members be appointed to the State Water Resources Control Board by the Legislature. Requires that vacancies be immediately filled by the appointing power.	03/10/2016 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/10/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
<u>AB 1647</u> Waldron (R)	Environmental Quality: Water Storage Facilities		Exempts from the Environmental Quality Act a project to expand the storage capacity of an existing surface water storage facility, or to replace an existing surface water storage facility, that is owned and operated by a public entity if that public entity adopts, by resolution, findings and declarations that the project meets specified criteria.	04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.
<u>AB 1649</u> Salas (D)	State Water Policy: Storage: Joint Powers Authorities		Requires the Department of Water Resources to develop a State water policy giving priority to the formation of joint powers authorities to address critical surface water storage needs and to funding of surface water projects. Provides that specified projects will meet statewide goals and provide specified public benefits to the greatest extent.	06/28/2016 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.;06/28/2016 - In SENATE Committee on NATURAL RESOURCES AND WATER: Reconsideration granted.
<u>AB 1694</u> Lackey (R)	Grant Program for School Drinking Water		Requires the State Water Resources Control Board to establish a grant program for grants to public elementary and secondary schools to improve access to, and the quality of drinking water.	03/31/2016 - Re-referred to ASSEMBLY Committees on ENVIRONMENTAL SAFETY AND

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Specifies various types of projects for which the grants could be awarded. Provides the priority for such grants. Requires the establishment of grant application procedures. Appropriates funds therefor. Provides such funds would supplement not supplant other state funds apportioned to these local agencies.	TOXIC MATERIALS and EDUCATION.
AB 1704 Dodd (D)	Water Rights: Irrigation: Lake or Streambed Agreements		Allows for a water use registrant to construct a facility to store water for small irrigation use during periods of high streamflow in exchange for the registrant reducing diversions during periods of low streamflow. Authorizes the issuance and renewal of registrations on those streamflow segments if the registration is consistent with applicable streamflow requirements. Relates updated procedures governing the diversion of water and notification of proposed registration.	08/11/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.
AB 1713 Eggman (D)	Sacramento-San Joaquin Delta: Peripheral Canal	Oppose	Prohibits the construction of a peripheral canal in the Sacramento-San Joaquin Delta unless expressly authorized by an initiative voted on by the voters of California, and requires the Legislative Analyst's Office to complete a prescribed economic feasibility analysis prior to a vote authorizing the construction of a peripheral canal.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1738 McCarty (D)	Building Standards: Dark Graywater		Defines dark graywater as a specified wastewater that comes from kitchen sinks and dishwashers. Requires the Department of Housing and Community Development, at the next triennial building standards rulemaking cycle, to develop and submit for approval building standards for the construction, installation, and alteration of dark graywater systems for indoor and outdoor uses.	06/21/2016 - From SENATE Committee on TRANSPORTATION AND HOUSING: Do pass to Committee on ENVIRONMENTAL SAFETY.
AB 1749 Mathis (R)	Environmental Quality Act: City of Porterville		Requires a lead agency, under the Environmental Quality Act, in certifying an environmental impact report and in granting approvals for a certain water treatment project determined by the City of Porterville based on a certain feasibility study, as specified, to comply with specified procedures, including the	08/17/2016 - In SENATE. From third reading. To Inactive File.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			concurrent preparation of the record of proceedings and the certification of the record of proceedings within a certain number of days of the filing of a specified notice.	
<u>AB 1755</u> Dodd (D)	Open and Transparent Water Data Act		Enacts the Open and Transparent Water Data Act. Requires the Department of Water Resources to create, operate, and maintain a statewide integrated water data platform that integrates existing water and ecological data information from multiple databases and provide data on completed water transfers and exchanges. Creates a related fund to provide money to specified entities for the improvement of water data or for certain other purposes of the Act.	09/23/2016 - Signed by GOVERNOR.;09/23/2016 - Chaptered by Secretary of State. Chapter No. 506
<u>AB 1773</u> Oberholte (R)	Local Government Renewable Energy Program		Amends existing law that authorizes a local governmental entity to receive a bill credit to a designated benefiting account, for electricity exported to the electrical grid by an eligible renewable generating facility. Includes as a local governmental entity for this purpose a joint powers authority.	09/26/2016 - Signed by GOVERNOR.;09/26/2016 - Chaptered by Secretary of State. Chapter No. 659
<u>AB 1815</u> Alejo (D)	Global Warming Solutions Act of 2006		Requires the Environmental Protection Agency to establish a comprehensive technical assistance program, upon the appropriation of moneys from the Greenhouse Gas Reduction Fund, for eligible applicants assisting eligible communities. Requires the Agency to provide technical assistance to communities based on a specified priority. Requires the Department of Finance to include in a specified investment plan an allocation to the Agency for the technical assistance program.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<u>AB 1842</u> Levine (D)	Water: Pollution: Fines		Relates to discharge of various pollutants into the waters of the state. Imposes an additional civil penalty for each gallon or pound of material discharged. Requires that the civil penalty be reduced for every gallon or pound of the illegally discharged material that is recovered and properly disposed of by the responsible party. Prohibits a person from being subject to multiple civil penalties	09/14/2016 - Chaptered by Secretary of State. Chapter No. 349

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			for the same act or failure to act. Relates to the Lempert-Keene-Seastrand Oil Spill Prevention and Response Act.	
<u>AB 1866</u> Wilk (R)	High-Speed Rail Bond Proceeds: Water Projects		Provides that no further bonds shall be sold for high-speed rail purposes pursuant to the Safe, Reliable High-Speed Passenger Train Bond Act for the 21st Century, except as specifically provided with respect to an existing appropriation for high-speed rail purposes for early improvement projects. Requires redirection of the unspent proceeds received from outstanding bonds issued for other high-speed rail purposes to fund capital expenditures for water projects.	04/11/2016 - In ASSEMBLY Committee on TRANSPORTATION; Failed passage.;04/11/2016 - In ASSEMBLY Committee on TRANSPORTATION; Reconsideration granted.
<u>AB 1871</u> Waldron (R)	Coastal Resources: Development: Water Supply Projects		Limits the growth-inducing impacts the Coastal Commission may consider in its review of a coastal development permit for a water supply project.	03/18/2016 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/18/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
<u>AB 1882</u> Williams (D)	Oil and Gas: Groundwater Monitoring		Requires the Division of Oil, Gas, and Geothermal Resources to provide an opportunity and the information necessary for the State Water Resources Control Board and the appropriate regional water quality control board to review, comment on, and propose additional requirements for Class II underground injection well projects.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS; Held in committee.
<u>AB 1925</u> Chang (R)	Desalination: Statewide Goal		Requires the State Department of Water Resources to establish a goal of a specific number of acre-feet of drinking water to be desalinated per year by a specified year and a greater number of acre-feet by a later year, as part of a comprehensive water plan that fully evaluates other, specified options.	05/04/2016 - In ASSEMBLY Committee on APPROPRIATIONS; Not heard.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1928 Campos (D)	Water Efficiency Landscape Irrigation Equipment		Postpones the date by which the State Energy Resources Conservation and Development Commission must adopt performance standards and labeling requirements for landscape irrigation equipment. Prohibits the sale or the offer for sale of that equipment manufactured on or after the effective date of the standards and requirements unless the equipment meets the performance standards and labeling requirements and is certified by the manufacturers as meeting the performance standards.	09/13/2016 - Signed by GOVERNOR.;09/13/2016 - Chaptered by Secretary of State. Chapter No. 326
AB 1986 Wilk (R)	Water Resources: Permit to Appropriate: Application		Requires, if the State Water Resources Control Board has not rendered a final determination on an application for a permit to appropriate water within a specified time period from the date the application to appropriate water was filed, the Board to issue a notice and provide an opportunity for protests before rendering a final determination.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 1989 Jones (R)	Water and Greenhouse Gas Emissions Reduction		Requires the State Water Resources Control Board to develop and implement a grant and low-interest loan program for water projects that result in the net reduction of water-related greenhouse gas emissions.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
AB 2022 Gordon (D)	Advanced Purified Demonstration Water	Support	Authorizes the operator of an advanced purified demonstration water facility to cause demonstration water to be bottled and distributed as samples for educational purposes and to promote water recycling. Prohibits the water in each bottle from exceeding a specified amount. Prohibits the water from being distributed unless it meets certain drinking water standards. Requires a recycling program for distributed bottles. Requires a bottler to submit sample labels and specified analyses.	09/21/2016 - Signed by GOVERNOR.;09/21/2016 - Chaptered by Secretary of State. Chapter No. 408
AB 2040 Melendez (R)	Outdoor Water Efficiency Act of 2016: Tax Credits		Allows, under the Personal Income Tax Law, a credit for a percentage of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements on qualified real property in the State. Limits the cumulative amount for each qualifying	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			property. Requires the amount of the credit to be multiplied. Requires the taxpayer to obtain and retain a certification of the improvements from the appropriate water agency and to provide a copy of same to the Franchise Tax Board upon request.	
AB 2076 Garcia (D)	Water and Energy Use Efficiency: Breweries		Requires the Department of Water Resources to develop water and energy use efficiency certification guidelines for the production of beer that includes certification seals. Requires the Department of Alcoholic Beverage Control to consult in label design and approval for the use of a seal on a beer bottle. Provides the procedures for the application of certification of a brewery. Requires the submission of a certification fee.	04/11/2016 - Re-referred to ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and GOVERNMENTAL ORGANIZATION.
AB 2087 Levine (D)	Regional Conservation Investment Strategies	Watch	Authorizes the Department of Fish and Wildlife, or any other public agency, to propose a regional conservation investment strategy. Authorizes a conservation action and a habitat enhancement to fulfill compensatory mitigation requirements in an incidental take permit issued pursuant to the State Endangered Species Act to reduce adverse fish and wildlife impacts pursuant to a lake or streambed alteration agreement. Relates to mitigation credit agreements and the sale of mitigation credits.	09/22/2016 - Signed by GOVERNOR.;09/22/2016 - Chaptered by Secretary of State. Chapter No. 455
AB 2099 Stone (D)	Safe Drinking Water Benefit		Requires the State Department of Social Services to convene a workgroup to develop recommendations for delivering a water benefit to supplement that purchase of drinking water for low-income households with inadequate access to safe drinking water. Requires a plan for identification of eligible households and the delivery of the benefit to those households. Requires the submission of a report with the recommendations to specified entities.	08/01/2016 - In SENATE Committee on APPROPRIATIONS: Not heard.
AB 2257 Maienschein (R)	Local Agency Meeting: Agenda: Online Posting		Amends the Ralph M. Brown Act, which enables the legislative body of a local agency to call both regular and special meetings. Requires online meeting agendas of specified legislative bodies to	09/09/2016 - Signed by GOVERNOR.;09/09/2016 - Chaptered by Secretary of State. Chapter No. 265

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			be posted on the agency's Web site homepage accessible through a direct link. Provides the requirements that exempts those legislative bodies from this requirement. Relates to integrated agenda management. Defines terms for these purposes.	
<u>AB 2292</u> Gordon (D)	Global Warming Solutions Act: Disadvantaged Communities		Requires the State Environmental Protection Agency to update the State Communities Environmental Health Screening Tool that identifies disadvantaged communities regarding the monitoring and regulation of sources of emissions of greenhouse gases, when it comes to investment opportunities in the multiyear investment plan for moneys in the Greenhouse Gas Reduction Fund.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<u>AB 2304</u> Levine (D)	State Water Market Clearinghouse	Seek_Amend	Establishes the State Water Market Clearinghouse within the Natural Resources Agency for making the water transfer and exchange process more transparent and more efficient and to enhance access to voluntary water market transactions. Requires a water market platform on the Clearinghouse's Internet Web site regarding water transfer or exchange. Requires convening a related task force, and requires the Clearinghouse to consider and act on the recommendations regarding transfers or exchanges.	05/25/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Not heard.
<u>AB 2389</u> Ridley-Thomas S (D)	Special Districts: District-Based Elections		Amends existing law relating to special districts, district-based elections and reapportionment. Authorizes a governing body of a special district, to require, by resolution, the election of the members of its governing body be elected using district-based elections without being required to submit the resolution to the voters for approval. Requires the resolution to include a declaration that the change in the method of election is being made in furtherance of the purposes of the Voting Rights Act of 2001.	09/28/2016 - Signed by GOVERNOR.;09/28/2016 - Chaptered by Secretary of State. Chapter No. 754
<u>AB 2438</u> Waldron (R)	Environmental Quality Act		Relates to the Environmental Quality Act (CEQA). Exempts from CEQA a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning,	06/29/2016 - In SENATE Committee on ENVIRONMENTAL QUALITY: Failed passage.;06/29/2016 - In

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			relocation, replacement, removal, or demolition of an existing pipeline for the distribution of recycled water within a public street, highway, or right-of-way. Requires a public hearing.	SENATE Committee on ENVIRONMENTAL QUALITY; Reconsideration granted.
AB 2444 Garcia E (D)	Water, Climate, Coastal Protection and Outdoor Access		Enacts the California Parks, Water, Climate, and Coastal Protection and Outdoor Access for All Act of 2018 which, if approved by voters, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance a water, climate, and coastal protection and outdoor access for all program.	08/22/2016 - In SENATE. Read second time. To third reading.
AB 2446 Gordon (D)	State Water Resources Control Board: Judicial Review		Updates provisions regarding the issuance of a order by the State Water Resources Control Board and an aggrieved party petitioning the superior court for a writ of mandate for review of a decision or order issued by the Board. Provides that a decision or order under the Safe Drinking Water Act by the Board is not subject to court review if no aggrieved party petitions for such writ within a specified time period after a service of a copy of the order or decision issued by the Board.	09/23/2016 - Signed by GOVERNOR.;09/23/2016 - Chaptered by Secretary of State. Chapter No. 523
AB 2456 Cooley (D)	Public Employee Retirement Benefits: Prefunding		Requires the Board of Administration of the Public Employee's Retirement System to develop, establish, and administer the State Employer's Pension Prefunding Trust Program in order to encourage State and local public employers that provide a defined benefit pension plan to their employees to effectively manage their pension contributions.	03/17/2016 - To ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.;03/17/2016 - From ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY with author's amendments.;03/17/2016 - In ASSEMBLY. Read second time and amen
AB 2468 Hadley (R)	Public Employees' Retirement System		Authorizes a public agency that has contracted with the Board of Administration of PERS to offer an alternative formula from that required by the California Public Employees Pension Reform Act to be applicable to certain miscellaneous, nonsafety employees, if	04/12/2016 - From ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY with author's

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			specified contingencies are satisfied. Requires that such employees who are not new members, that were employed by a public employer that did not contract with PERS until a specified date, be covered by a default benefit formula.	amendments.;04/12/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.
<u>AB 2480</u> Bloom (D)	Source Watersheds: Financing		Declares it to be state policy that source watersheds are recognized and defined as integral water infrastructure components. States the importance to maintaining the reliability, quantity, timing, and quality of the State's environmental, drinking, and agricultural water supply as climate change advances of source watersheds that supply the majority of the state's drinking and irrigated agricultural water. States that maintenance and repair of source watersheds is eligible for certain forms of financing.	09/27/2016 - Signed by GOVERNOR.;09/27/2016 - Chaptered by Secretary of State. Chapter No. 695
<u>AB 2488</u> Dababneh (D)	Protected Species: Stickleback: Possession	Support	Permits the Department of Fish and Wildlife to authorize, under the State Endangered Species Act, the take of unarmored threespine stickleback attributable to the periodic dewatering, inspection, maintenance, modification, or repair of the Metropolitan Water District of Southern California's Foothill Feeder water supply facility from Castaic Dam to the Joseph Jensen Treatment Plant in the County of Los Angeles, if certain conditions are satisfied. Requires certain reporting by the District.	09/16/2016 - Signed by GOVERNOR.;09/16/2016 - Chaptered by Secretary of State. Chapter No. 387
<u>AB 2515</u> Weber (D)	Water Conservation in Landscaping Act		Requires the Department of Water Resources to either update the model water-efficient landscaping ordinance or make a finding that an update to such ordinance at that time is not a useful or effective means to improve the efficiency of landscape water use or the administrative of the ordinance. Requires the Department to submit an update to the Building Standards Commission during the triennial revision process of the State Green Building Standards Code.	09/24/2016 - Chaptered by Secretary of State. Chapter No. 576

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AB 2550 Patterson (R)	Instream Flow Curtailments and Compensation		Requires the State Water Resources Control Board to financially compensate a person who is unable to divert the full amount of water authorized under his or her permit or license due to a board-issued instream flow curtailment, and a person who is required to file a statement of diversion and use is unable to divert the same amount of water in the succeeding year due to a board-issued instream flow curtailment.	03/08/2016 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 2551 Gallagher (R)	Contract Procurement: Surface Storage Projects		Allows a local agency to use the construction manager at-risk, design-build, or design-build operate method of delivery on a surface storage project. Requires such contracts to be awarded on the best value basis or to the lowest responsible bidder. Establishes a procurement process for these contracts. Provides reasons which would prohibit a contracting entity from being prequalified or short-listed.	09/28/2016 - Signed by GOVERNOR.;09/28/2016 - Chaptered by Secretary of State. Chapter No. 760
AB 2555 Levine (D)	Building Standards: Water Conserving Plumbing Fixtures		Requires the State Building Standards Commission to develop regulations and mandatory building standards for the installation of water conserving plumbing fixtures in existing nonresidential and public buildings, including installation in all nonresidential buildings by a specified date.	06/22/2016 - Withdrawn from SENATE Committee on NATURAL RESOURCES AND WATER.;06/22/2016 - Re-referred to SENATE Committee on RULES.;06/22/2016 - Re-referred to SENATE Committee on TRANSPORTATION AND HOUSING.
AB 2578 Bigelow (R)	Environmental Quality Act: Exemptions: Water Service		Exempts from the requirements of the California Environmental Quality Act, a project within a public street or highway or other public right-of-way for the maintenance, repair, restoration, reconditioning, relocation, replacement, removal or demolition of an existing water distribution pipeline to address water leakage. Exempts activities undertaken by a local agency in response to a drought to acquire water supplies, extend service, or provide water for drinking and sanitation.	03/18/2016 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/18/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.

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AB 2583 Frazier (D)	Sacramento-San Joaquin Delta Reform Act of 2009	Oppose	Relates to the Sacramento-San Joaquin Delta Reform Act of 2009, the Delta Stewardship Council, the Delta Plan and the California Water Fix. Provides that the new Delta water conveyance infrastructure is interdependent parts of a system. Amends the point of diversion to a point on the Sacramento River. Prohibits construction of a new Delta conveyance facility until contracts are signed by contractors who will receive the water that commit them to pay costs and to mitigate facility property taxes.	05/27/2016 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE without further action pursuant to JR 62(a).
AB 2594 Gordon (D)	Stormwater Resources: Use of Captured Water		Authorizes a public entity that captures stormwater from urban areas, in accordance with a stormwater resource plan, before the water reaches a natural channel to use the captured water under certain circumstances.	09/23/2016 - Signed by GOVERNOR.;09/23/2016 - Chaptered by Secretary of State. Chapter No. 526
AB 2601 Eggman (D)	Building Standard: Residential Property: Graywater		Requires the Department of Housing and Community Development to adopt and submit to Building Standards Commission for approval amendments to the building standards adopted pursuant to these provisions that require that all new single-family and duplex residential dwelling units include specified components to allow the separate discharge of graywater for direct irrigation.	03/10/2016 - To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT.
AB 2617 Mayes (R)	Water Efficiency Measures		Requires the Department of Water Resources to develop and solicit comments on a proposed report and, to issue a final report that contains recommendations to public entities to help them achieve water-resilient communities and prioritize cost-effective water efficiency measures with low adverse environmental impacts based on local conditions.	06/09/2016 - To SENATE Committee on RULES.
AB 2801 Gallagher (R)	Local Government: Fees and Charges: Protest		Requires a local agency to keep written protests securely stored and sealed until a public hearing. Prohibits an agency from requiring such protest to include property identification other than street address unless there is not a street address, and from	08/30/2016 - Signed by GOVERNOR.;08/30/2016 - Chaptered by Secretary of State. Chapter No. 248

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			requiring such protest to be submitted on an agency form. Requires the agency maintain such protests for a minimum time period following the date of the hearing to consider the protests.	
AB 2835 Cooper (D)	Public Employees: Orientation Programs		Requires certain public employers to provide newly hired employees a specified public employee orientation within a certain number of months of hiring. Requires, if employees are represented, that an exclusive representative be given certain notice in advance of the orientation. Requires that a representative be permitted to make a presentation. Requires an affected public employee to provide certain employee information to a representative. Excepts certain in-home supportive services providers.	08/31/2016 - In SENATE. From third reading. To Inactive File.
AB 2890 Env Safety & Toxic Material Cmt	Drinking Water and Wastewater Operator Certification		Requires the State Water Resources Control Board to appoint an advisory committee to examine and certify people to operate water treatment plants and water distribution systems, and to review all proposed regulations and make recommendations to the Board. Relates to water treatment operator-in-training. Revises procedures for the suspension or revocation of a valid operator license. Authorizes certificate reciprocity. Provides certificate application fraud civil liability. Relates to an advisory committee.	09/12/2016 - Signed by GOVERNOR.;09/12/2016 - Chaptered by Secretary of State. Chapter No. 305
AB 2909 Levine (D)	Water: Transfer or Exchange: Expedited Review	Support_Amend	Requires the Water Resources Board to develop and implement an expedited review process for approval or petitions to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights if the transfer is for a recurring water transfer or an environmentally beneficial transfer. Requires the development of a review process for reoccurring water transfers that utilize facilities of the State Water Project.	08/11/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.

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AB 2910 Local Government Cmt	Local Government: Organization: Omnibus Bill		Revises provisions of the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 to remove references to a public agency's current service area and instead include references to the public agency's jurisdictional boundaries. Provides a purpose of a local agency formation commission is to encourage government services efficiency. Relates to commission membership. Relates to agency reorganization. Relates to uncollected revenues and taxes upon disincorporation. Relates to hospital districts.	08/22/2016 - Signed by GOVERNOR.;08/22/2016 - Chaptered by Secretary of State. Chapter No. 165
ACA 8 Bloom (D)	Local Government Financing: Water Facilities: Voters		Proposes an amendment to the Constitution to create an exception to a limit for a rate imposed by a city, county, city and county, or special district to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of wastewater treatment facilities and related infrastructure, potable water producing facilities and related infrastructure, nonpotable water producing facilities and related infrastructure, and stormwater treatment facilities and infrastructure.	06/23/2016 - To ASSEMBLY Committees on LOCAL GOVERNMENT and APPROPRIATIONS.
SB 7 Wolk (D)	Housing: Water Meters: Multi-Unit Structures		Requires a landlord to make submeter disclosures to a tenant prior to executing a rental agreement. Relates to tenant billing procedures and requirements. Authorizes building standards requiring the installation of water submeters in multiunit residential buildings by licensed contractors. Relates to structural exemptions and the use of meters or submeters in new mixed-use residential and commercial structures as a condition for service. Requires water purveyors to measure the amount of water supplied.	09/25/2016 - Chaptered by Secretary of State. Chapter No. 623
SB 32 Pavley (D)	Global Warming Solutions Act of 2006: Emissions Limit		Requires the State Air Resources Board to approve a statewide greenhouse gas emissions limits that are the equivalent to a specified percentage below the 1990 level to be achieved by a specified date and to adopt rules and regulations in an open public process to achieve the maximum, technologically feasible, and	09/08/2016 - Chaptered by Secretary of State. Chapter No. 249

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			cost-effective greenhouse gas emissions reductions. Requires a report relating to the greenhouse gas emission reduction achieved towards those limits.	
SB 122 Jackson (D)	Environmental Quality Act: Record of Proceedings		Amends the Environmental Quality Act. Relates to a database for the collection, storage, retrieval, and dissemination of environmental documents, notices of exemption, notices of preparation, notices of determination, and notices of completion provided to the office that shall be available online to the public through the internet. Provides for the phase-in of electronic documents. Requires the lead agency to submit to the State Clearinghouse a sufficient number of environmental documents for review.	09/22/2016 - Signed by GOVERNOR.;09/22/2016 - Chaptered by Secretary of State. Chapter No. 476
SB 163 Hertzberg (D)	Bail: Pretrial Release	Oppose	Provides for the procedure of approving and accepting bail, and issuing an order for the appearance and release of an arrested person. Requires that bail be set in a fixed amount. Requires a judge or magistrate to take into consideration the protection of the public, the seriousness of the offense charge, previous criminal record of the defendant, and the probability of his or her appearing at trial or at a hearing of the case. Ensure the protection of a victim or victim family members. Relates to parole.	08/18/2016 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;08/18/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
SB 223 Galgiani (D)	Division of Boating and Waterways: Oversight Committee		Requires the Division of Boating and Waterways to establish an advisory and oversight committee to evaluate and monitor the activities of the Division relating to the management and control or eradication of invasive aquatic plants. Provides the expertise of members of the committee. Requires the committee to meet a specified amount of times per year and to communicate any findings or recommendations to the Division.	08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
SB 248 Pavley (D)	Oil and Gas		Provides for an inspection program for all activities regulated pursuant to provisions concerning drilling, operation, maintenance, and abandonment of oil and gas wells and certain	08/11/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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			tanks and facilities. Requires inspections to be reported and posted, and the recording of information in a well history, including fluid injection, chemical composition, and waste disposal injection. Provides for shutdown. Requires updating related regulations. Requires notification and clearance of chemical injection.	
SB 286 Hertzberg (D)	Electricity: Direct Transactions		Requires the Public Utilities Commission to adopt and implement a schedule that implements a specified phase-in period for expanding direct transactions for individual retail nonresidential end-use customers over a maximum time period, raising the allowable limit of kilowatthours that can be supplied by other electrical corporation's distribution service territory to that corporation's share of the gigawatthours. Requires such customers to be responsible for their share of the costs of specified programs.	08/11/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
SB 471 Pavley (D)	Water, Energy, Reduction of Greenhouse Gas Emissions		Includes reduction of greenhouse emissions associated with water treatment among the investments that are eligible for funding from the Greenhouse Gas Reduction Fund. Requires the State Water Resources Control Board to establish a grant and loan program for water projects that result in the net reduction of water-related greenhouse gas emissions.	08/27/2015 - In ASSEMBLY. Joint Rule 62(a) suspended.;08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
SB 551 Wolk (D)	State Water Policy: Water and Energy Efficiency	Seek Amend	Declares the policy of the state that water use and water treatment shall operate in a manner that is as energy efficient as in feasible and energy use and generation shall operate in a manner that is as water efficient as is feasible. Requires all relevant state agencies to consider this state policy when revising, or establishing policies, regulations, and grant criteria when pertinent to these uses of water and energy.	08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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<u>SB 552</u> Wolk (D)	Public Water Systems: Disadvantaged Communities		Authorizes the state water resources control board to order consolidation where a public water system or a state small water system, serving a disadvantaged community, fails to provide an adequate supply of safe drinking water. Limits authority of the state board to order consolidation or extension of service. Includes a mobilehome park. Relates to funding and public meetings regarding delivery of safe drinking water.	09/28/2016 - Signed by GOVERNOR.;09/28/2016 - Chaptered by Secretary of State. Chapter No. 773
<u>SB 554</u> Wolk (D)	Delta Levee Maintenance		Relates to the maintenance or improvement of project or nonproject levees in the Sacramento-San Joaquin Delta. Declares legislative intent to reimburse up to a certain percent of costs incurred in any year for the maintenance or improvement of levees in excess of a specified sum per mile of levee and authorizes a specified board to advance funds in an amount that does not exceed a certain percent of the estimated state share to an eligible local agency. Extends the authorization to reimburse such funds.	09/30/2016 - Vetoed by GOVERNOR.
<u>SB 814</u> Hill (D)	Drought: Excessive Water Use: Urban Retail Water Supply	Watch	Prohibits excessive water use during specified time periods. Requires each urban retail water supplier to establish a method to identify and discourage excessive water use. Authorizes the establishment of a rate structure that penalizes such excessive water users. Authorizes an excessive water use ordinance, rule, or tariff condition. Makes a violation thereof an infraction or administrative civil penalty. Authorizes the penalty for a violation to be based on conditions identified by the water supplier.	08/29/2016 - Chaptered by Secretary of State. Chapter No. 230
<u>SB 885</u> Wolk (D)	Contracts: Design Professionals: Indemnity	Oppose	Specifies, for contracts, that a design professional only the has the duty to defend claims that arise out of, or pertain or relate to, negligence, recklessness, or willful misconduct of the design professional. Prohibits a waiver of these provisions. Updates claims defense procedures. Provides any clause, covenant, or agreement contained in, collateral to, or affecting a contract that	06/16/2016 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;06/16/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.

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			requires a design professional to defend claims or lawsuits against other persons or entities is void and unenforceable.	
SB 919 Hertzberg (D)	Water Supply: Creation or Augmentation of Local Water		Requires the Public Utilities Commission to address the oversupply of renewable energy resources through a tariff or other economic incentive for electricity purchased by customers operating facilities that create or augment local water supplies to reduce the cost of electricity to those facilities.	09/29/2016 - Vetoed by GOVERNOR.
SB 970 Leyva (D)	Greenhouse Gas Reduction Fund: Grants: Recyclables		Requires the Department of Resources Recycling and Recovery, in awarding a grant for organic composting or anaerobic digestion to consider the amount of greenhouse gas emission reductions resulting and the amount of organic material diverted from landfills as a result of the project. Permits grants for large-scale regional integrated projects. Provides that additional funds from the Greenhouse Gas Reduction Fund shall be used for in-state development of infrastructure for new value-added products.	09/14/2016 - Chaptered by Secretary of State. Chapter No. 365
SB 974 Governance and Finance Cmt	Local Government: Omnibus	Support	Amends existing law regarding local government to include storing survey records, military discharge copy fees, notaries public, city financial condition reports, local sinking fund moneys investment, the Subdivision Map Act, local safety land use elements, Fort Ord reuse and redevelopment, sewage services and facilities fees, use of design-build, vehicle license fees, income tax collection, floating home taxation, synthetic grass, business assessments, and liquefied petroleum tax revenues.	09/14/2016 - Chaptered by Secretary of State. Chapter No. 366
SB 995 Pavley (D)	Well Standards		Requires the Department of Water Resources to update well standards for water wells, monitoring wells and cathodic protection wells based on existing knowledge and to submit these standards to the State Water Resources Control Board. Includes abandonment ordinances. Requires the state board to revise the model ordinances upon receipt of the standards.	08/11/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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SB 1026 Nielsen (R)	Lake or Streambed Alteration Agreements		Relates to lake or streambed alteration agreement. Limits the diversions and obstructions governed by alteration agreement requirements to the diversions and obstructions that alter the bed, channel, or bank of a river, stream or lake. Exempts routine maintenance and repair of facilities for instream agricultural diversions.	04/12/2016 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.
SB 1043 Allen (D)	Biogas and Biomethane		Requires the State Air Resources Board to consider and adopt policies to significantly increase the sustainable production and use of biogas. Requires the Board, to ensure the production and use of renewable gas provides direct environmental benefits and identify barriers to the rapid development and use of biogas and potential sources of funding. Revises the definition of biogas and biomethane for pipeline integrity and safety purposes.	05/27/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 1173 Hertzberg (D)	Plumbing Fixtures: CalConserve Water Use Efficiency		Requires for commercial property the replacement of any noncompliant fixture or fitting in specified additions, alterations, and improvements to such property and the replacement of any noncompliant plumbing fixture or fitting in all such property in accordance with a specified schedule based on floor space. Provides related definitions. Authorizes county offices of education and school district boards to receive moneys from the CalConserve Water Use Efficiency Fund for efficiency projects.	03/30/2016 - From SENATE Committee on TRANSPORTATION AND HOUSING with author's amendments.;03/30/2016 - In SENATE. Read second time and amended. Re-referred to Committee on TRANSPORTATION AND HOUSING.
SB 1213 Wieckowski (D)	Renewable Energy: Biosolids: Matching Grants		Requires the Energy Resources Conservation Commission to develop and implement the Biosolids to Clean Energy Grant Program to provide matching funds to local wastewater agencies for biosolids to clean energy capital projects. Appropriates a specified amount of funds annually to the Commission for purposes of the program.	05/27/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.
SB 1233 McGuire (D)	Joint Powers Authority: Water Bill Savings Act		Enacts the Water Bill Savings Act. Authorizes a joint powers authority to provide funding for a customer of a local agency or its publicly owned utility to acquire, install, or repair a water	08/11/2016 - In ASSEMBLY. Joint Rule 62(a) suspended.;08/11/2016 - In ASSEMBLY Committee on

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			efficiency improvement on the customer's property served by the local agency or its publicly owned utility. Requires repayment through an efficiency charge on the customer's water bill. Authorizes the authority to issue bonds to fund the program. Makes technical changes.	APPROPRIATIONS: Held in committee.
SB 1260 Allen (D)	Stormwater: Municipalities: Online Resource Center		Requires the State Water Resources Control Board to establish an online resource center that addresses measures available for municipalities to comply with municipal stormwater permit requirements. Authorizes the inclusion of certain information.	08/19/2016 - Chaptered by Secretary of State. Chapter No. 153
SB 1262 Pavley (D)	Water Supply Planning		Requires a city or county that determines a project is subject to the California Environmental Quality Act to identify any water system whose service area includes the project site and any water system adjacent to the project site. Provides that hauled water is not a source of water for the purposes of an assessment. Revises the definition of sufficient water supply.	09/24/2016 - Chaptered by Secretary of State. Chapter No. 594
SB 1263 Wieckowski (D)	Public Water System: Permits		Requires a person submitting an application for a permit for a proposed new public water system to submit a preliminary technical report to the state Water Resources Control Board before initiating construction of any water-related improvement. Provides the bases for denial of such permit by the Board. Prohibits a building permit for residential development when the water supply is water transported by a water hauler, bottled water, a water-vending machine, or a retail water facility.	09/29/2016 - Signed by GOVERNOR.;09/29/2016 - Chaptered by Secretary of State. Chapter No. 843
SB 1298 Hertzberg (D)	Local Government: Fees and Charges		Relates to Articles XIIC and XIID of the California Constitution, which require that assessments, fees, and charges be submitted to property owners for approval or rejection after the provision of written notice and the holding of a public hearing and an existing law which prescribes specific procedures and parameters for local jurisdictions to comply with such Articles. Defines the term sewer for these purposes.	08/31/2016 - In ASSEMBLY. To Inactive File.

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SB 1317 Wolk (D)	Groundwater Extraction Permit	Oppose_Amend	Requires a city or county overlying a basin designated as a high- or medium- priority basin to establish a process for the issuance of a groundwater extraction permit for the development of a groundwater extraction facility that requires an applicant to demonstrate the extraction from a proposed facility will not contribute to or create an undesirable result. Provides a city or county overlying such basin does not have to have a permit process under specified conditions.	06/28/2016 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.
SB 1318 Wolk (D)	Local Government: Drinking Water and Wastewater Service		Amends existing law that regulates to formation, consolidate, and merger of new districts to include annexation of a disadvantaged unincorporated community, a special district's sphere of influence, the review of adequacy and need for water and wastewater services in such communities, and a service review of the municipal services of unincorporated island, fringe, or legacy communities.	06/09/2016 - To ASSEMBLY Committees on LOCAL GOVERNMENT and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
SB 1340 Wolk (D)	Water Conservation in Landscaping Act		Requires a local agency to require a permit for the installation of specified automatic irrigation systems, or the expansion of the same specified automatic irrigation system to increase the irrigated area by a specified percentage or more, for a landscape project. Allows the governing body of a local agency to adopt an ordinance prescribing fees for filing an application for the permit, subject to restrictions. Authorizes specified persons to submit the application for a residential landscape system.	09/24/2016 - Vetoed by GOVERNOR.
SB 1383 Lara (D)	Short-Lived Climate Pollutants: Methane: Landfills		Requires the State Air Resources Board to adopt regulations that achieve specified targets for reducing organic waste in landfills. Authorizes local jurisdictions to charge fees to recover costs of compliance. Authorizes an analysis of progress in reducing such waste. Authorizes incentives or additional requirements, depending on the outcome of the analysis. Requires the adoption of regulations concerning livestock and dairy manure	09/19/2016 - Signed by GOVERNOR.;09/19/2016 - Chaptered by Secretary of State. Chapter No. 395

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			management. Relates to short-lived climate pollutants and recycling goals.	
SB 1415 Bates (R)	Environmental Quality Act: Local Water Projects		Amends the Environmental Quality Act which requires a lead agency to call a scoping meeting for transportation-related projects and projects of statewide, regional, or areawide significance to require that lead agency to call a scoping meeting to receive public comments for local projects for stormwater or dry weather runoff capture and reuse, water recycling, or wastewater treatment to improve water quality.	04/21/2016 - Re-referred to SENATE Committee on APPROPRIATIONS.
SB 1425 Pavley (D)	Water Energy Nexus Registry		Requires the State Air Resources Board to develop a registry of greenhouse gas emission resulting from the water-energy nexus using the best available data. Authorizes a contract with a qualified nonprofit organization to develop and administer the registry, including actions of the former California Climate Action Registry as they relate to the water-energy nexus.	09/24/2016 - Chaptered by Secretary of State. Chapter No. 596
SB 1440 Cannella (R)	Water Supply and Infrastructure Improvement		Requires a lead agency, in certifying the environmental impact report and in granting approvals for certain water storage projects funded, in whole or in part, by Proposition I, to comply with specified procedures. Authorizes the lead agency to concurrently prepare the record of proceedings for the project. Requires the Judicial Council to adopt a rule of court to establish procedures applicable to actions or proceedings seeking judicial review.	03/10/2016 - To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY.
SB 1456 Galgiani (D)	Safe Drinking Water State Revolving Fund Law		Amends an existing law which establishes the Safe Drinking Water State Revolving Fund. Authorizes certain costs to be funded by loans or other repayable financing, grants, principal forgiveness, or a combination of grants and loans or other financial assistance, regardless of whether the community water system or not-for-profit noncommunity water system. Limits the principal forgiveness to capital improvements serving specified severely disadvantaged communities.	09/22/2016 - Signed by GOVERNOR.;09/22/2016 - Chaptered by Secretary of State. Chapter No. 488

IRWD 2016 LEGISLATIVE MATRIX
Updated 10/03/2016

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
HR 2689 Walters (R)	Eligible Water Resources Projects	Support	Clarifies the scope of eligible water resources projects under the Water Resources Development Act of 1986 and the Water Resources Reform and Development Act of 2014.	06/10/2015 - In HOUSE Committee on TRANSPORTATION & INFRASTRUCTURE: Referred to Subcommittee on WATER RESOURCES AND ENVIRONMENT.
HR 4615 Huffman (D)	Water Department Gross Income Exclusion	Support	Amends the Internal Revenue Code of 1986 to exclude from gross income amounts received from a water department for water conservation efficiency measures and water runoff management improvements.	02/25/2016 - INTRODUCED.;02/25/2016 - To HOUSE Committee on WAYS AND MEANS.
S 2533 Feinstein (D)	Water Supplies for California and Drought Resiliency		Provides short-term water supplies to drought-stricken California, provides for long-term investments in drought resiliency throughout the Western United States.	05/17/2016 - Subcommittee on WATER AND POWER hearings held.
S 2848 Inhofe (R)	Water Resources Development Act of 2016		Provides for the Water Resources Development Act of 2016, provides for water conservation, authorizes the Secretary of the Army to construct improvements to rivers and harbors of the United States, provides for funding, relates to munitions disposal, leveraging the federal infrastructure for increased water supply, completion of ecosystem restoration projects and easements for electric, telephone, or broadband service facilities eligible for financing under the Rural Electrification Act of 1936.	09/15/2016 - In SENATE. Amendment SA 5075 proposed by Senator Inhofe for Senator Isakson to Amendment SA 4979.;09/15/2016 - In SENATE. Amendment SA 5063 proposed by Senator Inhofe for Senator Sanders to Amendment SA 4979.;09/15/2016 - In SENATE. Amendm

Exhibit "B"

2016 Legislative Update Report:
Links to Bill Texts
(as of October 3, 2016)

Bill Number/Version Date	Link to Bill Text
AB 1713 (Eggman), as introduced.	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB1713
AB 1755 (Dodd), as chaptered	http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201520160AB1755
AB 2022 (Gordon), as chaptered	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2022
AB 2087 (Levine), as chaptered	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2087
AB 2488 (Dababneh), as chaptered	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2488
AB 2583 (Frazier), as amended March 17, 2016	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2583
AB 2909 (Levine), as amended on August 1, 2016	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2909
ACA 8 (Bloom), as introduced	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160ACA8
SB 20 (Pavley), As amended August 15, 2016	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB20

SB 163 (Hertzberg), as amended August 18, 2016	http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201520160SB163
SB 814 (Hill), as chaptered	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB814
SB 885 (Wolk), as amended June 16, 2016	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB885
SB 970 (Leyva), as chaptered	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB970
SB 974 (Senate Governance and Finance Committee), as chaptered	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB974
SB 1298 (Hertzberg), as amended August 11, 2016	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB1298
SB 1317 (Wolk), as amended June 20, 2016	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB1317
S. 2848 (Inhofe), as amended September 15, 2016	https://www.congress.gov/bill/114th-congress/senate-bill/2848/text?q=%7B%22search%22%3A%5B%22S+2848%22%5D%7D&resultIndex=1
H.R. 5303 (Shuster), as amended September 28, 2016	https://www.congress.gov/bill/114th-congress/house-bill/5303/text?q=%7B%22search%22%3A%5B%22H.R.+5303%22%5D%7D&resultIndex=1

October 24, 2016

Prepared by: Jennifer Davis/Tanja Fournier

Submitted by: Robert Jacobson/Cheryl Clary

Approved by: Paul Cook

CONSENT CALENDAR

SEPTEMBER 2016 TREASURY REPORTS

SUMMARY:

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

- A. The Investment Summary Report for September 2016. This Investment Summary Report is in conformity with the 2016 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 September 30, 2016, as outlined in Exhibit "B".
- C. The Summary of Payroll ACH payments in the total amount of \$2,510,825, as outlined in Exhibit "C".
- D. The September 30, 2016 Disbursement Summary of warrants 370323 through 371566, wire transfers, Workers' Compensation distributions, payroll withholding distributions, and voided checks in the total amount of \$18,504,296 as outlined in Exhibit "D".
- E. The Disclosure Report of Reimbursements to Board Members and Staff for September 2016, detailing payments or reimbursements for individual charges of \$100.00 or more per transaction, as outlined in Exhibit "E".

FISCAL IMPACTS:

As of September 30, 2016, the book value of the investment portfolio was \$316,019,072, with an 0.88% rate of return and a market value of \$316,090,647. Based on the District's September 30, 2016 quarterly real estate investment rate of return of 12.97%, the weighted average return for the fixed income and real estate investments was 3.21%.

As of September 30, 2016, the total notional amount of the interest rate swap portfolio was \$130 million of fixed payer swaps. Cash accrual in September from all swaps was negative \$567,910.

Payroll ACH payments totaled \$2,510,825, and wire transfers, all other ACH payments, and checks issued for debt service, accounts payable, payroll, and water purchases for September totaled \$18,504,296.

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 SEPTEMBER 2016, AND DISCLOSURE REPORT OF REIMBURSEMENTS TO BOARD MEMBERS AND STAFF; APPROVE THE SEPTEMBER 2016 SUMMARY OF PAYROLL ACH PAYMENTS IN THE TOTAL AMOUNT OF \$2,510,825 AND APPROVE THE SEPTEMBER 2016 ACCOUNTS PAYABLE DISBURSEMENT SUMMARY OF WARRANTS 370323 THROUGH 371566, WORKERS' COMPENSATION DISTRIBUTIONS, WIRE TRANSFERS, PAYROLL WITHHOLDING DISTRIBUTIONS AND VOIDED CHECKS IN THE TOTAL AMOUNT OF \$18,504,296.

LIST OF EXHIBITS:

Exhibit "A" – Investment Summary Report

Exhibit "B" – Monthly Interest Rate Swap Summary

Exhibit "C" – Monthly Payroll ACH Summary

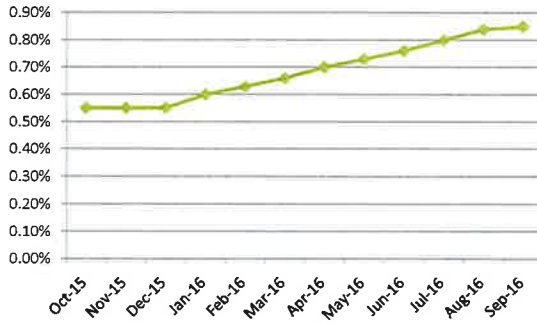
Exhibit "D" – Monthly Summary of District Disbursements

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

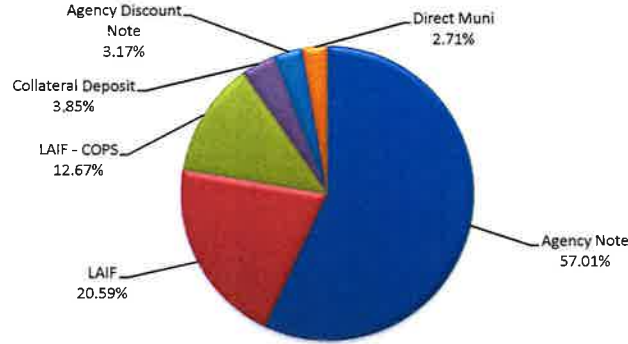
Exhibit "A"

Irvine Ranch Water District Investment Portfolio Summary September 2016

Monthly Fixed Income Yield



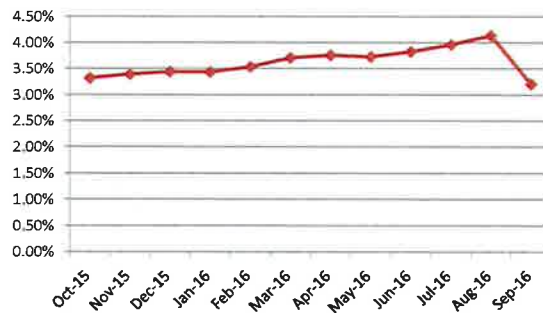
Portfolio Distribution



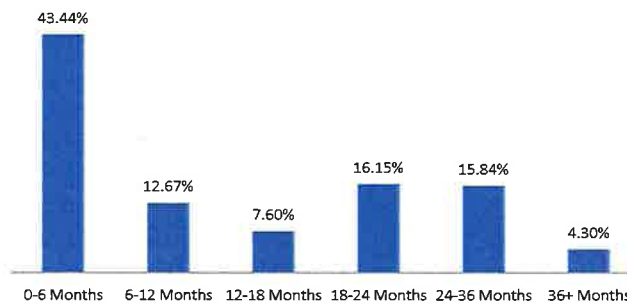
Investment Summary

Type	PAR	Book Value	Market Value
Agency Note	180,000,000	180,337,022	180,369,440
LAIF	65,000,000	65,000,000	65,019,892
LAIF - COPS	40,000,000	40,000,000	40,012,241
Collateral Deposit	12,152,486	12,152,486	12,152,486
Agency Discount Note	10,000,000	9,967,476	9,974,500
Direct Muni	8,562,088	8,562,088	8,562,088
Grand Total	315,714,574	316,019,072	316,090,647

Weighted Average Return Including Real Estate Portfolio



Maturity Distribution



Top Issuers

Issuer	PAR	% Portfolio
State of California Treasury - LAIF	105,000,000	33.26%
Fed Home Loan Bank	71,000,000	22.49%
Fed Natl Mortgage Assoc	50,000,000	15.84%
Fed Home Loan Mortgage Corp	44,000,000	13.94%
Fed Farm Credit Bank	20,000,000	6.33%
ETWD	8,562,088	2.71%
Citi-Group Collateral	8,422,486	2.67%
Fed Ag Mortgage Corp	5,000,000	1.58%
Merrill Lynch Collateral	3,730,000	1.18%

IRVINE RANCH WATER DISTRICT
SUMMARY OF MATURITIES

09/30/16

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Collateral Deposit	Direct Muni
09/16	\$105,000,000	33.26%	\$105,000,000				
10/16	5,000,000	1.58%		5,000,000			
11/16							
12/16	5,000,000	1.58%		5,000,000			
01/17	5,000,000	1.58%		5,000,000			
02/17	17,152,486	5.43%		5,000,000		\$12,152,486	
03/17	5,000,000	1.58%		5,000,000			
04/17	10,000,000	3.17%		5,000,000	5,000,000		
05/17	10,000,000	3.17%		5,000,000	5,000,000		
06/17	5,000,000	1.58%		5,000,000			
07/17							
08/17	5,000,000	1.58%		5,000,000			
SUB-TOTAL	\$172,152,486	54.53%	\$105,000,000	\$45,000,000	\$10,000,000	\$12,152,486	
13 Months - 3 YEARS							
09/01/17-11/30/17	10,000,000	3.17%		10,000,000			
12/01/17 - 2/28/2018	14,000,000	4.43%		14,000,000			
03/01/18 - 5/31/2018	20,000,000	6.33%		20,000,000			
06/01/2018-08/31/2018	31,000,000	9.82%		31,000,000			
09/01/2018-11/30/18	10,000,000	3.17%		10,000,000			
12/01/18 - 2/28/2019	10,000,000	3.17%		10,000,000			
03/01/2019 - 05/31/2019	10,000,000	3.17%		10,000,000			
06/01/2019 - 08/31/2019	20,000,000	6.33%		20,000,000			
09/01/2019 - 11-30/2019	10,000,000	3.17%		10,000,000			
04/30/2036	8,562,088	2.71%					8,562,088
TOTALS	\$315,714,574	100.00%	\$105,000,000	\$180,000,000	\$10,000,000	\$12,152,486	\$8,562,088

% OF PORTFOLIO

33.27%

57.00%

3.17%

3.85%

2.71%

Irvine Ranch Water District
 Summary of Real Estate
 9/30/2016

	<u>ACQUISITION DATE</u>	<u>PROPERTY TYPE</u>	<u>OWNERSHIP INTEREST</u>	<u>ORIGINAL COST</u>	<u>ESTIMATED MARKET VALUE 30-Jun-16</u>	<u>RATE OF RETURN QUARTER ENDED 30-Sep-16</u>
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	\$ 143,910,000	17.95%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	\$ 27,296,298	8.56%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	\$ 9,384,000	-2.42%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	\$ 7,650,000	5.66%
Sand Canyon Professional Center	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	\$ 10,608,000	8.45%
				<u>\$ 72,569,826</u>	<u>\$ 198,848,298</u>	<u>12.97%</u>

IRVINE RANCH WATER DISTRICT INVESTMENT SUMMARY REPORT
INVESTMENT ACTIVITY
Sep-16

MATURITIES/SALES/CALLS

PURCHASES

DATE	SECURITY TYPE	PAR	YIELD	Settlement Date	Maturity Date	SECURITY TYPE	PAR	YIELD TO MATURITY
9/28/2016	FNMA - Note	\$10,000,000	0.34%	9/1/2016	7/27/2018	FNMA - Note	\$5,000,000	0.93%
				9/1/2016	8/28/2018	FHLB - Note	\$5,000,000	1.00%
				9/1/2016	9/14/2018	FHLB - Note	\$5,000,000	0.92%
				9/1/2016	10/1/2018	FFCB - Note	\$5,000,000	0.93%
				9/1/2016	12/14/2018	FHLB - Note	\$5,000,000	0.94%
				9/1/2016	1/30/2019	FHLMC - Note	\$5,000,000	1.01%
				9/1/2016	3/8/2019	FHLB - Note	\$5,000,000	0.96%
				9/1/2016	5/28/2019	FHLB - Note	\$5,000,000	1.05%
				9/1/2016	6/14/2019	FHLB - Note	\$5,000,000	0.99%
				9/1/2016	7/26/2019	FNMA - Note	\$5,000,000	1.18%
				9/1/2016	8/28/2019	FNMA - Note	\$5,000,000	1.16%
				9/1/2016	8/28/2019	FNMA - Note	\$5,000,000	1.13%
				9/28/2016	9/9/2019	FNMA - Note	\$5,000,000	1.14%
				9/28/2016	9/27/2019	FHLB - Note	\$5,000,000	1.19%

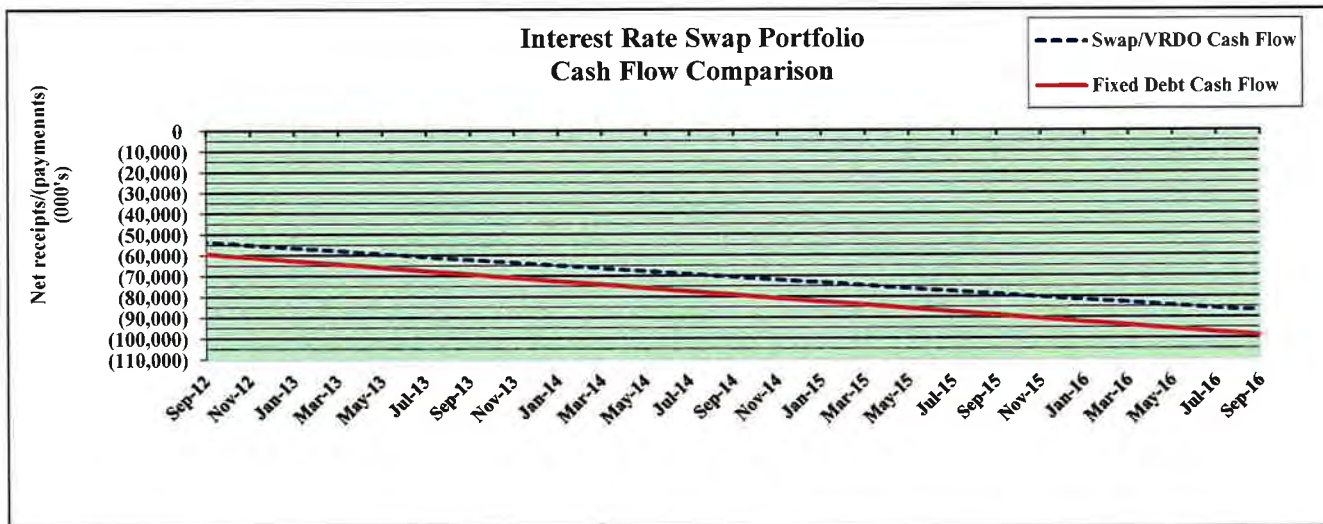
IRVINE RANCH WATER DISTRICT
INTEREST RATE SWAP MONTHLY SUMMARY REPORT - DETAIL
September 30, 2016

LIBOR Avg %	Prior Mo. 0.51%	Current Mo. 0.53%	12-Mo Avg 0.41%
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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	
Fixed Payer Swaps - By Effective Date														
6/4/2006	6/4/2019	2.7	ML	\$ 20,000,000	FXP	LIBOR	6.200%	(101,265)	(91,238)	\$ (284,903)	\$ (10,112,079)	\$ 16,803,991	\$ (3,196,009)	
6/4/2006	6/4/2019	2.7	CG	20,000,000	FXP	LIBOR	6.200%	(101,265)	(91,238)	(284,903)	(10,112,079)	16,803,609	(3,196,391)	
6/17/2006	6/17/2019	2.7	CG	30,000,000	FXP	LIBOR	6.140%	(150,171)	(135,472)	(422,856)	(15,001,307)	24,554,280	(5,445,720)	
3/10/2007	3/10/2029	12.4	ML	30,000,000	FXP	LIBOR	5.687%	(137,529)	(124,981)	(388,701)	(13,503,730)	15,310,663	(14,689,337)	
3/10/2007	3/10/2029	12.4	CG	30,000,000	FXP	LIBOR	5.687%	(137,529)	(124,981)	(388,701)	(13,503,730)	15,310,663	(14,689,337)	
Totals/Weighted Avgs		7.2		\$ 130,000,000			5.949%	\$ (627,759)	\$ (567,910)	\$ (1,770,064)	\$ (62,232,926)	\$ 88,783,206	\$ (41,216,794)	
Total Current Year Active Swaps				\$ 130,000,000				\$ (627,759)	\$ (567,910)	\$ (1,770,064)	\$ (62,232,926)	\$ 88,783,206	\$ (41,216,794)	

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								
\$ (627,759)	\$ (567,910)	\$ (1,770,064)	\$ (62,232,926)	\$ 88,783,206	\$ (41,216,794)								



Cash Flow Comparison Synthetic Fixed vs. Fixed Rate Debt	
Cash Flow to Date	
Synthetic Fixed =	\$87,155,826
Fixed Rate =	\$106,151,468
Assumptions:	
- 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

September
2016

	AMOUNT	VENDOR	PURPOSE
9/2/2016	827,888.44	BANK OF AMERICA	ACH Payments for Payroll
9/16/2016	841,105.44	BANK OF AMERICA	ACH Payments for Payroll
9/30/2016	841,831.43	BANK OF AMERICA	ACH Payments for Payroll
	<u><u>\$2,510,825.31</u></u>		

Exhibit "D"

>

IRWD Ledger

Void Payment Register

Report Date: 13-OCT-2016 13:18

Include Zero Amount Payments: Yes
Display Payee Address: No

Period From: 01-SEP-16
To: 30-SEP-16
Date: Void Date

Page: 1

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						
368044	09-JUN-16	Hansen, Casey	HOME		50.00	14-SEP-16
368057	09-JUN-16	ALBISHER, ABDULMOHSEN	PAY		23.73	29-SEP-16
368135	09-JUN-16	KARANDISH, ALI	PAY		35.82	29-SEP-16
368136	09-JUN-16	KATHRYN HUGHES KELSON	PAY		120.00	30-SEP-16
368157	09-JUN-16	NUR, FADUMO	PAY		12.70	29-SEP-16
368206	09-JUN-16	TAKAHASHI, SHIN	TUSTIN		19.19	29-SEP-16
368233	09-JUN-16	WEATHER GAGE MANAGEMENT	PAY		64.31	29-SEP-16
368547	23-JUN-16	NGUYEN, JASON	PAY		56.20	29-SEP-16
368815	30-JUN-16	CHIANG, DESTINY	PAY		563.27	30-SEP-16
370074	23-AUG-16	JCI JONES CHEMICALS INC	CINCINNATI		2,981.16	30-SEP-16
370411	01-SEP-16	HABIBI, ROZINFAR	PAY		18.83	20-SEP-16
370678	08-SEP-16	HERNANDEZ, DELORES	PAY		12.70	20-SEP-16
370832	15-SEP-16	BERRY, GERALDENE	PAY		10.03	27-SEP-16
371057	22-SEP-16	1939 PORT WEYBRIDGE PLACE	PAY		75.61	26-SEP-16
371080	22-SEP-16	BIGDELI, SARIBA	PAY		269.89	27-SEP-16
371482	29-SEP-16	NOVA, AMANA	PAY		28.40	30-SEP-16
371561	30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI		2,940.00	30-SEP-16
371562	30-SEP-16	ACWA	ROSEVILLE		2,139.00	30-SEP-16
371563	30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI		2,940.00	30-SEP-16
371564	30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI		2,940.00	30-SEP-16

Payment Document Subtotal 15,300.84

Bank Account Subtotal 15,300.84

Report Total 15,300.84

Report Count: 20

Voids

*** End of Report ***

>

IRWD Ledger Payment Register For 01-SEP-16 To 30-SEP-16 Report Date: 13-OCT-2016 12:34
 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								
370323		01-SEP-16	Shinbashi, Allen		184.00	06-SEP-16	184.00	Reconciled
370324		01-SEP-16	Compton, Christine A		77.28	08-SEP-16	77.28	Reconciled
370325		01-SEP-16	Garcia, Jose		90.00	06-SEP-16	90.00	Reconciled
370326		01-SEP-16	Oldewage, Lars D (Lars)		285.12	06-SEP-16	285.12	Reconciled
370327		01-SEP-16	Hatch, Lauren		125.00	15-SEP-16	125.00	Reconciled
370328		01-SEP-16	Chaney, Michael A (Michael)		1,028.97	06-SEP-16	1,028.97	Reconciled
370329		01-SEP-16	Perez, Rodolfo (Rudy)		8.64	19-SEP-16	8.64	Reconciled
370330		01-SEP-16	ABC ICEHOUSE, INC.		146.40	06-SEP-16	146.40	Reconciled
370331		01-SEP-16	AGARWAL, BIPUL		10.36	03-OCT-16	10.36	Reconciled
370332		01-SEP-16	AGILENT TECHNOLOGIES, INC.		666.36	02-SEP-16	666.36	Reconciled
370333		01-SEP-16	ALHAZNI, ANWAR		25.40			Negotiable
370334		01-SEP-16	ALPHA TRAFFIC SERVICES, INC.		570.00	15-SEP-16	570.00	Reconciled
370335		01-SEP-16	ALSTON & BIRD LLP		28,972.60	12-SEP-16	28,972.60	Reconciled
370336		01-SEP-16	AMINI, FAY		11.05	09-SEP-16	11.05	Reconciled
370337		01-SEP-16	ANDERSONPENNA PARTNERS, INC.		24,676.00	07-SEP-16	24,676.00	Reconciled
370338		01-SEP-16	ANTHONY N. LARSEN		800.00	07-SEP-16	800.00	Reconciled
370339		01-SEP-16	AQUA-METRIC SALES COMPANY		18,884.89	13-SEP-16	18,884.89	Reconciled
370340		01-SEP-16	AT&T		51.09	07-SEP-16	51.09	Reconciled
370341		01-SEP-16	AT&T		2,108.04	07-SEP-16	2,108.04	Reconciled
370342		01-SEP-16	AURORA, TINA		41.35	16-SEP-16	41.35	Reconciled
370343		01-SEP-16	AUSMA, LEJNIEKS		12.15	16-SEP-16	12.15	Reconciled
370344		01-SEP-16	AUTOZONE PARTS, INC.		342.73	06-SEP-16	342.73	Reconciled
370345		01-SEP-16	B E PRODUCTS, INC.		1,471.10	08-SEP-16	1,471.10	Reconciled
370346		01-SEP-16	BATTERIES PLUS AND BATTERIES PLUS BULBS		651.99	07-SEP-16	651.99	Reconciled
370347		01-SEP-16	BDC SPECIAL WASTE		207.20	06-SEP-16	207.20	Reconciled
370348		01-SEP-16	BEVAN TRADING		13.11			Negotiable
370349		01-SEP-16	BHOGWANI, SURESH		785.91	02-SEP-16	785.91	Reconciled
370350		01-SEP-16	BIGWIG MONSTER, LLC		1,200.00	06-SEP-16	1,200.00	Reconciled
370351		01-SEP-16	BILL'S SWEEPING SERVICE INC		900.00	09-SEP-16	900.00	Reconciled
370352		01-SEP-16	BLACK & VEATCH CORPORATION		393,373.92	09-SEP-16	393,373.92	Reconciled
370353		01-SEP-16	BLOCK ENVIRONMENTAL		23.51	07-SEP-16	23.51	Reconciled

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 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								
370354		01-SEP-16	BRINDLE, SHIRLEY		9.08			Negotiable
370355		01-SEP-16	BROOKFIELD HOMES		44.63	16-SEP-16	44.63	Reconciled
370356		01-SEP-16	BRUCE REYNOLDS		240.00	06-SEP-16	240.00	Reconciled
370357		01-SEP-16	BUCCOLA LANDSCAPE SERVICES, INC.		86.96	15-SEP-16	86.96	Reconciled
370358		01-SEP-16	C WELLS PIPELINE MATERIALS INC		7,367.12	09-SEP-16	7,367.12	Reconciled
370359		01-SEP-16	CADIZ, DIVINA		78.43	06-SEP-16	78.43	Reconciled
370360		01-SEP-16	CALIFORNIA BARRICADE RENTAL, INC.		8,757.50	07-SEP-16	8,757.50	Reconciled
370361		01-SEP-16	CALIFORNIA EARTH TRANSPORT INC.		706.22	07-SEP-16	706.22	Reconciled
370362		01-SEP-16	CALIFORNIA MUNICIPAL STATISTICS INC		6,400.00	13-SEP-16	6,400.00	Reconciled
370363		01-SEP-16	CALIFORNIA PACIFIC HOMES		452.60	14-SEP-16	452.60	Reconciled
370364		01-SEP-16	CANON SOLUTIONS AMERICA, INC.		407.01	06-SEP-16	407.01	Reconciled
370365		01-SEP-16	CAPTIVE AUDIENCE MARKETING INC.		85.32	07-SEP-16	85.32	Reconciled
370366		01-SEP-16	CAROLLO ENGINEERS, INC		8,398.03	09-SEP-16	8,398.03	Reconciled
370367		01-SEP-16	CAVALIER, ROBERT		13.67			Negotiable

370368	01-SEP-16	CDW GOVERNMENT LLC	3,542.25	06-SEP-16	3,542.25	Reconciled
370369	01-SEP-16	CHEVALIER, COLE	50.91	23-SEP-16	50.91	Reconciled
370370	01-SEP-16	CITY OF ORANGE	128.15	06-SEP-16	128.15	Reconciled
370371	01-SEP-16	CITY OF TUSTIN	1,908.07	02-SEP-16	1,908.07	Reconciled
370372	01-SEP-16	CLARKE, GILBERT	19.44	12-SEP-16	19.44	Reconciled
370373	01-SEP-16	COREA, CLAUDIA	10.87	08-SEP-16	10.87	Reconciled
370374	01-SEP-16	COUNTY OF ORANGE	5,397.50	15-SEP-16	5,397.50	Reconciled
370375	01-SEP-16	COXCO LLC	2,700.65	06-SEP-16	2,700.65	Reconciled
370376	01-SEP-16	CRUZ, GIL	13.31	19-SEP-16	13.31	Reconciled
370377	01-SEP-16	CUNNINGHAM-DAVIS CORPORATION	662.03	07-SEP-16	662.03	Reconciled
370378	01-SEP-16	DAVID, KATRINE	3.88			Negotiable
370379	01-SEP-16	DB INDUSTRIAL SUPPLY CO	2,435.22	02-SEP-16	2,435.22	Reconciled
370380	01-SEP-16	DEACON, JANET	387.15	08-SEP-16	387.15	Reconciled
370381	01-SEP-16	DEE JASPAR & ASSOCIATES, INC.	4,494.38	15-SEP-16	4,494.38	Reconciled
370382	01-SEP-16	DEL REY APARTMENTS	16,131.62	07-SEP-16	16,131.62	Reconciled
370383	01-SEP-16	DENNEY, CAMBRIA	157.63	06-SEP-16	157.63	Reconciled
370384	01-SEP-16	DESIGN EXPRESS	10.15	19-SEP-16	10.15	Reconciled
370385	01-SEP-16	DIRECTV INC	113.55	07-SEP-16	113.55	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 3
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370386		01-SEP-16	DMS FACILITY SERVICES, INC.		16,516.93	08-SEP-16	16,516.93	Reconciled
370387		01-SEP-16	DONAHEY, CORTLAND		16.28			Negotiable
370388		01-SEP-16	DR HERRICK ARNOLD		1,178.89	12-SEP-16	1,178.89	Reconciled
370389		01-SEP-16	EHS INTERNATIONAL, INC		1,080.00	07-SEP-16	1,080.00	Reconciled
370390		01-SEP-16	EISEL ENTERPRISES INC		5,671.00	09-SEP-16	5,671.00	Reconciled
370391		01-SEP-16	EMD MILLIPORE CORPORATION		1,407.52	06-SEP-16	1,407.52	Reconciled
370392		01-SEP-16	ENDOLOGIX		12.45	23-SEP-16	12.45	Reconciled
370393		01-SEP-16	ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC.		20,223.15	08-SEP-16	20,223.15	Reconciled
370394		01-SEP-16	ENVIRONMENTAL RESOURCE ASSOCIATES		575.62	07-SEP-16	575.62	Reconciled
370395		01-SEP-16	ENVIRONMENTAL SCIENCE ASSOCIATES		4,312.50	07-SEP-16	4,312.50	Reconciled
370396		01-SEP-16	EQUISTAR IRVINE CO		910.08	22-SEP-16	910.08	Reconciled
370397		01-SEP-16	EXECUTIVE LIGHTING & ELECTRIC		874.19	07-SEP-16	874.19	Reconciled
370398		01-SEP-16	FALCO, MELISSA		25.23	07-SEP-16	25.23	Reconciled
370399		01-SEP-16	FARRELL & ASSOCIATES		88.18	02-SEP-16	88.18	Reconciled
370400		01-SEP-16	FEDEX		689.19	06-SEP-16	689.19	Reconciled
370401		01-SEP-16	FIRST CHOICE SERVICES		342.12	07-SEP-16	342.12	Reconciled
370402		01-SEP-16	FISERV		311.25	02-SEP-16	311.25	Reconciled
370403		01-SEP-16	FISHER SCIENTIFIC COMPANY LLC		5,020.06	06-SEP-16	5,020.06	Reconciled
370404		01-SEP-16	FRAZER, PAMELA		19.93	30-SEP-16	19.93	Reconciled
370405		01-SEP-16	FRONTIER CALIFORNIA INC.		271.92	07-SEP-16	271.92	Reconciled
370406		01-SEP-16	FUSCOE ENGINEERING, INC.		19,351.44	07-SEP-16	19,351.44	Reconciled
370407		01-SEP-16	GABA, RUDY		21.26	12-SEP-16	21.26	Reconciled
370408		01-SEP-16	GRAINGER		2,285.45	06-SEP-16	2,285.45	Reconciled
370409		01-SEP-16	GRANADO, HILARY		47.77	06-SEP-16	47.77	Reconciled
370410		01-SEP-16	GRAYBAR ELECTRIC COMPANY		1,202.79	02-SEP-16	1,202.79	Reconciled
370411		01-SEP-16	HABIBI, ROZINFAR		18.83			Voided
370412		01-SEP-16	HELPMATES STAFFING SERVICES		8,456.02	02-SEP-16	8,456.02	Reconciled
370413		01-SEP-16	HENG, HWA		1.61			Negotiable

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 4
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370414		01-SEP-16	HENSEL PHELPS CONSTRUCTION INC		716.27	09-SEP-16	716.27	Reconciled
370415		01-SEP-16	HERINGER, DANIEL J		80.80			Negotiable
370416		01-SEP-16	HIGUERA, RONALD J		24.23	09-SEP-16	24.23	Reconciled
370417		01-SEP-16	HILL BROTHERS CHEMICAL COMPANY		3,560.50	07-SEP-16	3,560.50	Reconciled
370418		01-SEP-16	HOANG, ANNE		16.92	12-SEP-16	16.92	Reconciled

370419	01-SEP-16	HOME DEPOT USA INC	123.21	07-SEP-16	123.21	Reconciled
370420	01-SEP-16	IBM CORPORATION	3,821.00	06-SEP-16	3,821.00	Reconciled
370421	01-SEP-16	INTERNATIONAL PAVING SERVICES, INC.	1,377.27	07-SEP-16	1,377.27	Reconciled
370422	01-SEP-16	IRVINE PIPE & SUPPLY INC	13,369.85	07-SEP-16	13,369.85	Reconciled
370423	01-SEP-16	IRWD-PETTY CASH CUSTODIAN	844.25	02-SEP-16	844.25	Reconciled
370424	01-SEP-16	JACOBS PROJECT MANAGEMENT CO.	28,880.00	09-SEP-16	28,880.00	Reconciled
370425	01-SEP-16	JANG, HEUN SOUK	11.81			Negotiable
370426	01-SEP-16	JBR ENGINEERING INC	124.11	02-SEP-16	124.11	Reconciled
370427	01-SEP-16	JBR ENGINEERING, INC.	38.30	02-SEP-16	38.30	Reconciled
370428	01-SEP-16	JELOVSEK, ERIKA	4.93	03-OCT-16	4.93	Reconciled
370429	01-SEP-16	JIMENEZ, DAVID	14.62	07-SEP-16	14.62	Reconciled
370430	01-SEP-16	JOHN POLENTZ PROP MAGMNT.	6.21	06-SEP-16	6.21	Reconciled
370431	01-SEP-16	JONES, LESLIE	23.45			Negotiable
370432	01-SEP-16	KAZEROONI, PARI	12.32	07-SEP-16	12.32	Reconciled
370433	01-SEP-16	KE, QING	40.16			Negotiable
370434	01-SEP-16	KENT & AMY DAHLBERG	19,527.49	12-SEP-16	19,527.49	Reconciled
370435	01-SEP-16	KILPATRICK, JEFFREY	11.96			Negotiable
370436	01-SEP-16	KIM, MICHELLE	14.56			Negotiable
370437	01-SEP-16	KWON, EDWIN	12.39			Negotiable
370438	01-SEP-16	LAW, ROBERTA	34.62	23-SEP-16	34.62	Reconciled
370439	01-SEP-16	LEE, JONG	11.81			Negotiable
370440	01-SEP-16	LI, XUE	46.55	06-SEP-16	46.55	Reconciled
370441	01-SEP-16	LIU, SUE	14.41	02-SEP-16	14.41	Reconciled
370442	01-SEP-16	LOM PARTNERS, LLC	617.90	22-SEP-16	617.90	Reconciled
370443	01-SEP-16	LONGSTREET, DANIEL	10.18			Negotiable
370444	01-SEP-16	LOPEZ, JORGE	10.91	12-SEP-16	10.91	Reconciled
370445	01-SEP-16	LORD, ANNE	16.28	23-SEP-16	16.28	Reconciled
370446	01-SEP-16	MAIONA, MARK	14.79	06-SEP-16	14.79	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 5
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370447		01-SEP-16	MARINA LANDSCAPE MAINTENANCE, INC.		491.51	06-SEP-16	491.51	Reconciled
370448		01-SEP-16	MASSEY, STACY		74.24	26-SEP-16	74.24	Reconciled
370449		01-SEP-16	MC MASTER CARR SUPPLY CO		539.07	06-SEP-16	539.07	Reconciled
370450		01-SEP-16	MDG REAL ESTATE INC		9.93			Negotiable
370451		01-SEP-16	MEHTA, NATASHA		32.29	13-SEP-16	32.29	Reconciled
370452		01-SEP-16	MOHLMAN, JAMES F		40.00	05-OCT-16	40.00	Reconciled
370453		01-SEP-16	MSC INDUSTRIAL SUPPLY CO		894.07	07-SEP-16	894.07	Reconciled
370454		01-SEP-16	MUNOZ, PAUL		15.21	07-SEP-16	15.21	Reconciled
370455		01-SEP-16	NATIONAL READY MIXED CONCRETE CO.		2,499.00	06-SEP-16	2,499.00	Reconciled
370456		01-SEP-16	NEW PIG CORPORATION		75.18	07-SEP-16	75.18	Reconciled
370457		01-SEP-16	NEWPORT RIDGE APTS		450.20	07-SEP-16	450.20	Reconciled
370458		01-SEP-16	NGUYEN, ANTHONY		14.05	29-SEP-16	14.05	Reconciled
370459		01-SEP-16	NINYO & MOORE		2,393.00	06-SEP-16	2,393.00	Reconciled
370460		01-SEP-16	NISTANAKI, MORTEZA		23.83	22-SEP-16	23.83	Reconciled
370461		01-SEP-16	NMG GEOTECHNICAL INC		20,503.87	12-SEP-16	20,503.87	Reconciled
370462		01-SEP-16	NUTRAWISE		39.55	14-SEP-16	39.55	Reconciled
370463		01-SEP-16	O'HAREN GOVERNMENT RELATIONS		6,500.00	07-SEP-16	6,500.00	Reconciled
370464		01-SEP-16	OCEAN BLUE ENVIRONMENTAL SERVICES INC		770.90	09-SEP-16	770.90	Reconciled
370465		01-SEP-16	OLIN CORPORATION		36,689.70	08-SEP-16	36,689.70	Reconciled
370466		01-SEP-16	ONESOURCE		1,005.05	02-SEP-16	1,005.05	Reconciled
370467		01-SEP-16	DISTRIBUTORS LLC		25,413.16	08-SEP-16	25,413.16	Reconciled
370468		01-SEP-16	ORACLE AMERICA, INC.		128.56	07-SEP-16	128.56	Reconciled
370469		01-SEP-16	ORACLE, MS		714.87	02-SEP-16	714.87	Reconciled
370470		01-SEP-16	ORANGE COUNTY AUTO PARTS CO		589,663.05	07-SEP-16	589,663.05	Reconciled
370471		01-SEP-16	ORANGE COUNTY SANITATION DISTRICT		1,150.00	07-SEP-16	1,150.00	Reconciled
370472		01-SEP-16	OSTS, INC		26.91	26-SEP-16	26.91	Reconciled
370473		01-SEP-16	OZUNA, ROLANDO		3.92	06-SEP-16	3.92	Reconciled
370474		01-SEP-16	PACIFIC CITY PROPERTIES		7,412.98	07-SEP-16	7,412.98	Reconciled
370474		01-SEP-16	PACIFIC COAST BOLT CORP		7,412.98	07-SEP-16	7,412.98	Reconciled

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BANK: Bank of America N.A. Branch : Los Angeles
 Bank Account Currency: USD (US Dollar)
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Account: Checking AP and PR Page: 6
 Payment Currency: USD (US Dollar)
 Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370475		01-SEP-16	PACIFIC PARTS & CONTROLS INC		44.31	06-SEP-16	44.31	Reconciled
370476		01-SEP-16	PARADA PAINTING INC		1,500.00	07-SEP-16	1,500.00	Reconciled
370477		01-SEP-16	PARKHOUSE TIRE INC		3,749.25	07-SEP-16	3,749.25	Reconciled
370478		01-SEP-16	FARRY, AYA		11.48			Negotiable
370479		01-SEP-16	PATIL, SHANKAR		16.35			Negotiable
370480		01-SEP-16	PAYNE & FEARS LLP		4,506.00	02-SEP-16	4,506.00	Reconciled
370481		01-SEP-16	PELLETIER & ASSOCIATES, INC.		995.00	02-SEP-16	995.00	Reconciled
370482		01-SEP-16	PENG, JOHN		1,071.88			Negotiable
370483		01-SEP-16	PEREZ, SANDRA		27.06			Negotiable
370484		01-SEP-16	PORTAL LUCHINI, JAIME		13.42	12-SEP-16	13.42	Reconciled
370485		01-SEP-16	POWELL, LINH		24.45			Negotiable
370486		01-SEP-16	PREZIOSI, JOSEPH		6.39	06-SEP-16	6.39	Reconciled
370487		01-SEP-16	PRO MOBILE AUTO DETAILING		650.00	06-SEP-16	650.00	Reconciled
370488		01-SEP-16	QUINN RENTAL SERVICES		38,496.07	08-SEP-16	38,496.07	Reconciled
370489		01-SEP-16	RAM AIR ENGINEERING INC		5,036.80	02-SEP-16	5,036.80	Reconciled
370490		01-SEP-16	REED, JAMES D		1,930.00	20-SEP-16	1,930.00	Reconciled
370491		01-SEP-16	RELIANCE SAFETY CONSULTANTS, INC.		9,672.92	09-SEP-16	9,672.92	Reconciled
370492		01-SEP-16	RESOLUTE CONTRACTORS, INC		99.04	08-SEP-16	99.04	Reconciled
370493		01-SEP-16	RHINO SAFETY SOLUTIONS, INC.		3,488.06	09-SEP-16	3,488.06	Reconciled
370494		01-SEP-16	ROBERT HALF INTERNATIONAL, INC.		2,060.14	02-SEP-16	2,060.14	Reconciled
370495		01-SEP-16	RODGERS, WINNIFRED		37.14	03-OCT-16	37.14	Reconciled
370496		01-SEP-16	ROELLE, LEA		14.27			Negotiable
370497		01-SEP-16	ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT		148,030.59	19-SEP-16	148,030.59	Reconciled
370498		01-SEP-16	ROSHANKAR, MOJGAN		28.82			Negotiable
370499		01-SEP-16	ROUTSON, ALLISON		10.58			Negotiable
370500		01-SEP-16	RUAN, GRACE		16.59			Negotiable
370501		01-SEP-16	SABAHI, MEHDI		500.00	09-SEP-16	500.00	Reconciled
370502		01-SEP-16	SANCHEZ, BRENDA		24.44	08-SEP-16	24.44	Reconciled
370503		01-SEP-16	SANTA ANA BLUE PRINT		411.39	12-SEP-16	411.39	Reconciled
370504		01-SEP-16	SATHYANARAYANA, BHAVANI		145.00	06-SEP-16	145.00	Reconciled

IRWD Ledger

BANK: Bank of America N.A. Branch : Los Angeles
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 Report Date: 13-OCT-2016 12:34
 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								
370505		01-SEP-16	SCHULER CONSTRUCTORS, INC.		588.22	30-SEP-16	588.22	Reconciled
370506		01-SEP-16	SCHULER CONSTRUCTORS, INC.		11,176.18	08-SEP-16	11,176.18	Reconciled
370507		01-SEP-16	SECURTEC DISTRICT PATROL, INC.		1,600.00	26-SEP-16	1,600.00	Reconciled
370508		01-SEP-16	SHAMROCK SUPPLY CO INC		445.43	07-SEP-16	445.43	Reconciled
370509		01-SEP-16	SHEA/BAKER RANCH ASSOCIATES, LLC		14.08	29-SEP-16	14.08	Reconciled
370510		01-SEP-16	SHI, QI		36.02	02-SEP-16	36.02	Reconciled
370511		01-SEP-16	SIGNATURE FLOORING INC		5,548.00	06-SEP-16	5,548.00	Reconciled
370512		01-SEP-16	SITMATIC		695.45	06-SEP-16	695.45	Reconciled
370513		01-SEP-16	SMRECEK, KATHERINE		12.85	15-SEP-16	12.85	Reconciled
370514		01-SEP-16	SOFTWAREONE INC		5,057.00	08-SEP-16	5,057.00	Reconciled
370515		01-SEP-16	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		24,607.02	15-SEP-16	24,607.02	Reconciled
370516		01-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		619,672.36	02-SEP-16	619,672.36	Reconciled
370517		01-SEP-16	SOUTHERN CALIFORNIA SECURITY CENTERS, INC.		4,448.44	09-SEP-16	4,448.44	Reconciled
370518		01-SEP-16	SOUTHERN COUNTIES LUBRICANTS LLC		923.19	06-SEP-16	923.19	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
370519		01-SEP-16	SOUTHWEST BOULDER AND STONE		9.20	08-SEP-16	9.20	Reconciled
370520		01-SEP-16	SOUTHWEST VALVE & EQUIPMENT		13,248.17	14-SEP-16	13,248.17	Reconciled
370521		01-SEP-16	SPARKLETT'S		352.51	08-SEP-16	352.51	Reconciled
370522		01-SEP-16	STANTEC CONSULTING SERVICES INC.		24,754.50	12-SEP-16	24,754.50	Reconciled
370523		01-SEP-16	STEPHENSON, ROBERT		14.59			Negotiable
370524		01-SEP-16	STOEWESAND, DARRIEL		21.05			Negotiable
370525		01-SEP-16	SUEZ TREATMENT SOLUTIONS INC.		297.01	06-SEP-16	297.01	Reconciled
370526		01-SEP-16	SWAN, BRIAN		14.81	12-SEP-16	14.81	Reconciled
370527		01-SEP-16	TALLEY INC		330.20	06-SEP-16	330.20	Reconciled
370528		01-SEP-16	TAYLOR MORRISON		11.56	30-SEP-16	11.56	Reconciled
370529		01-SEP-16	TESTAMERICA LABORATORIES, INC		52.50	07-SEP-16	52.50	Reconciled
370530		01-SEP-16	TETRA TECH, INC		18,621.43	09-SEP-16	18,621.43	Reconciled
370531		01-SEP-16	THE IRVINE COMPANY		50.62	22-SEP-16	50.62	Reconciled

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Payment Document : IRWD CHECK								
370532		01-SEP-16	TIAN, LI		81.59	22-SEP-16	81.59	Reconciled
370533		01-SEP-16	TOLL BROS., INC		81.96	30-SEP-16	81.96	Reconciled
370534		01-SEP-16	TRAN, SANDY		8.02	09-SEP-16	8.02	Reconciled
370535		01-SEP-16	TRANSFER FLOW INC		1,514.21	07-SEP-16	1,514.21	Reconciled
370536		01-SEP-16	TRI COUNTY PUMP COMPANY		6,940.00	07-SEP-16	6,940.00	Reconciled
370537		01-SEP-16	TRI POINTE HOMES, INC.		364.46	06-SEP-16	364.46	Reconciled
370538		01-SEP-16	TRIPAC MARKETING INC		518.14	07-SEP-16	518.14	Reconciled
370539		01-SEP-16	TROPICAL PLAZA NURSERY INC		17,002.00	08-SEP-16	17,002.00	Reconciled
370540		01-SEP-16	TRUCPARCO		469.44	12-SEP-16	469.44	Reconciled
370541		01-SEP-16	TRUDEAU, JENNIFER		19.04			Negotiable
370542		01-SEP-16	TURTLE RIDGE APARTMENTS		414.40	07-SEP-16	414.40	Reconciled
370543		01-SEP-16	ULINE INC		328.33	07-SEP-16	328.33	Reconciled
370544		01-SEP-16	UNITED PARCEL SERVICE INC		183.51	06-SEP-16	183.51	Reconciled
370545		01-SEP-16	USA EXPRESS TIRE & SERVICE		26.82	06-SEP-16	26.82	Reconciled
370546		01-SEP-16	VALLEY CREST LANDSCAPE COMPANIES		99.05			Negotiable
370547		01-SEP-16	VAN WAGNER AIRSHIP GROUP		858.49	09-SEP-16	858.49	Reconciled
370548		01-SEP-16	VERIZON WIRELESS SERVICES LLC		7,315.46	08-SEP-16	7,315.46	Reconciled
370549		01-SEP-16	VRIDE INC		12,824.50	12-SEP-16	12,824.50	Reconciled
370550		01-SEP-16	WACO FILTERS CORPORATION		3,152.04	07-SEP-16	3,152.04	Reconciled
370551		01-SEP-16	WALTERS WHOLESALE ELECTRIC		533.63	09-SEP-16	533.63	Reconciled
370552		01-SEP-16	WANG, CARRIE		31.42	12-OCT-16	31.42	Reconciled
370553		01-SEP-16	WATERSMART SOFTWARE, INC		17,975.00	09-SEP-16	17,975.00	Reconciled
370554		01-SEP-16	WATERWISE CONSULTING, INC.		4,685.00	06-SEP-16	4,685.00	Reconciled
370555		01-SEP-16	WAXIE'S ENTERPRISES, INC		785.26	06-SEP-16	785.26	Reconciled
370556		01-SEP-16	WEARP, LAURIE		67.26	08-SEP-16	67.26	Reconciled
370557		01-SEP-16	WEHR, MIREYA		43.08	14-SEP-16	43.08	Reconciled
370558		01-SEP-16	WEST COAST SAND & GRAVEL INC.		2,301.91	06-SEP-16	2,301.91	Reconciled
370559		01-SEP-16	WHITE, PATRICIA		20.27	06-SEP-16	20.27	Reconciled

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Payment Document : IRWD CHECK								
370560		01-SEP-16	WIDAWSKY, WILLIAM H		17.82			Negotiable
370561		01-SEP-16	XIAO, ZHEN		19.23			Negotiable
370562		01-SEP-16	YSI, INC		573.02	06-SEP-16	573.02	Reconciled
370563		01-SEP-16	ZHANG, FEI		12.48	16-SEP-16	12.48	Reconciled
370564		01-SEP-16	ZHOU, HONELEI		11.02			Negotiable
370565		01-SEP-16	ZIMMERMAN, KENNETH		11.54	13-SEP-16	11.54	Reconciled
370566		01-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI	3,326.90	06-SEP-16	3,326.90	Reconciled
370567		02-SEP-16	IRWD EMPLOYEE	15600 SC	880.00	19-SEP-16	880.00	Reconciled

370568	02-SEP-16	ASSOCIATION ORANGE COUNTY SHERIFF'S OFFICE CLEARINGHOUSE	4601 JAMBOREE PHOENIX PASADENA	62.50	15-SEP-16	62.50	Reconciled
370569	02-SEP-16	PERS LONG TERM CARE		477.67	06-SEP-16	477.67	Reconciled
370570	02-SEP-16	Wilson, Brett		920.04	08-SEP-16	920.04	Reconciled
370571	08-SEP-16	Martinez, Diego		73.00	12-SEP-16	73.00	Reconciled
370572	08-SEP-16	Soto, Franklin E (Frank)		53.99	19-SEP-16	53.99	Reconciled
370573	08-SEP-16	Pan, Jenny W (Jenny)		6.48	12-SEP-16	6.48	Reconciled
370574	08-SEP-16	Nash, Joel		74.24	26-SEP-16	74.24	Reconciled
370575	08-SEP-16	Martinez, Jose A III (Jose)		108.54	12-SEP-16	108.54	Reconciled
370576	08-SEP-16	McGehee, Joseph M (Joe)		250.00	19-SEP-16	250.00	Reconciled
370577	08-SEP-16	Hatch, Lauren		168.48	14-SEP-16	168.48	Reconciled
370578	08-SEP-16	Cortez, Malcolm A (Malcolm)		25.82	15-SEP-16	25.82	Reconciled
370579	08-SEP-16	Sarabia, Mark S (Mark)		25.92	07-OCT-16	25.92	Reconciled
370580	08-SEP-16	Borowski, Michael		118.00	23-SEP-16	118.00	Reconciled
370581	08-SEP-16	Ruiz, Ricky (Ricky)		170.00	12-SEP-16	170.00	Reconciled
370582	08-SEP-16	17275 DERIAN, LLC		650.00	12-SEP-16	650.00	Reconciled
370583	08-SEP-16	AAF INTERNATIONAL		305.37	29-SEP-16	305.37	Reconciled
370584	08-SEP-16	AIRGAS, INC.		1,307.17	12-SEP-16	1,307.17	Reconciled
370585	08-SEP-16	ALCARAZ, FRED W		1,392.42	12-SEP-16	1,392.42	Reconciled
370586	08-SEP-16	ALEXANDER'S CONTRACT SERVICES, INC.		15.15			Negotiable
370587	08-SEP-16	ANERL, MARK S		111,895.09	14-SEP-16	111,895.09	Reconciled
370588	08-SEP-16	ANTHEM BLUE CROSS		30.76	14-SEP-16	30.76	Reconciled
370589	08-SEP-16	ARDEN REALTY INC		562.26	14-SEP-16	562.26	Reconciled
370590	08-SEP-16			29.47			Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370591	08-SEP-16	ASSOCIATION OF CALIFORNIA WATER AGENCIES/JPIA			33,022.75	16-SEP-16	33,022.75	Reconciled
370592	08-SEP-16	AT&T			769.07	12-SEP-16	769.07	Reconciled
370593	08-SEP-16	AUTOZONE PARTS, INC.			790.50	12-SEP-16	790.50	Reconciled
370594	08-SEP-16	AUTOZONE PARTS, INC.			106.34	12-SEP-16	106.34	Reconciled
370595	08-SEP-16	BARAJAS, CARLA			27.16			Negotiable
370596	08-SEP-16	BASS, DAVID			10.88			Negotiable
370597	08-SEP-16	BAXTER, CONNIE			15.35			Negotiable
370598	08-SEP-16	BEANE, ROGER			11.56	26-SEP-16	11.56	Reconciled
370599	08-SEP-16	BEE EMERGENCY RESPONSE TEAM			175.00	12-SEP-16	175.00	Reconciled
370600	08-SEP-16	BIBIKAR, SALIL			40.32			Negotiable
370601	08-SEP-16	BLAIRS TOWING INC			187.50	13-SEP-16	187.50	Reconciled
370602	08-SEP-16	BOLANOS, MARIO			62.21	14-SEP-16	62.21	Reconciled
370603	08-SEP-16	BOWIE, ARNESON, WILES & GIANNONE			20,849.83	20-SEP-16	20,849.83	Reconciled
370604	08-SEP-16	BUCCOLA LANDSCAPE SERVICES, INC.			48.18	15-SEP-16	48.18	Reconciled
370605	08-SEP-16	BUCHLMAYER, STEPHANIE			40.89	13-SEP-16	40.89	Reconciled
370606	08-SEP-16	BUI, CHRISTINE			24.40			Negotiable
370607	08-SEP-16	C WELLS PIPELINE MATERIALS INC			6,945.43	15-SEP-16	6,945.43	Reconciled
370608	08-SEP-16	CALIFORNIA BARRICADE RENTAL, INC.			8,552.30	13-SEP-16	8,552.30	Reconciled
370609	08-SEP-16	CALIFORNIA PACIFIC HOMES			58.84	23-SEP-16	58.84	Reconciled
370610	08-SEP-16	CAMACHO, CARLOS			33.99			Negotiable
370611	08-SEP-16	CAMARA, TARA			27.60	15-SEP-16	27.60	Reconciled
370612	08-SEP-16	CANON FINANCIAL SERVICES, INC			1,315.44	12-SEP-16	1,315.44	Reconciled
370613	08-SEP-16	CARDOZA, KRISIN			42.50	12-SEP-16	42.50	Reconciled
370614	08-SEP-16	CAROLLO ENGINEERS, INC			110,822.02	20-SEP-16	110,822.02	Reconciled
370615	08-SEP-16	CDW GOVERNMENT LLC			278.05	12-SEP-16	278.05	Reconciled
370616	08-SEP-16	CERVANTES, NESTOR			20.88	11-OCT-16	20.88	Reconciled
370617	08-SEP-16	CHANG, DAVID			115.45	15-SEP-16	115.45	Reconciled
370618	08-SEP-16	CHARLES, JOANNE			18.87	03-OCT-16	18.87	Reconciled
370619	08-SEP-16	CHEM TECH INTERNATIONAL INC			5,913.60	15-SEP-16	5,913.60	Reconciled
370620	08-SEP-16	CHO DESIGN ASSOCIATES, INC			4,100.00	12-SEP-16	4,100.00	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370621		08-SEP-16	CHO, ERIC		11.91	19-SEP-16	11.91	Reconciled
370622		08-SEP-16	CHOI, MYUNG-HEE		21.05			Negotiable
370623		08-SEP-16	COASTLINE EQUIPMENT COMPANY		889.84	14-SEP-16	889.84	Reconciled
370624		08-SEP-16	COLE, KATHY		7.26	12-SEP-16	7.26	Reconciled
370625		08-SEP-16	COX, MICHAEL D		234.65	19-SEP-16	234.65	Reconciled
370626		08-SEP-16	CRUST, BECKY		4.40	19-SEP-16	4.40	Reconciled
370627		08-SEP-16	CRUZ, LUCILA		13.39	12-SEP-16	13.39	Reconciled
370628		08-SEP-16	CURT PRINGLE AND ASSOCIATES		6,000.00	14-SEP-16	6,000.00	Reconciled
370629		08-SEP-16	DANGELO CO		4,478.61	12-SEP-16	4,478.61	Reconciled
370630		08-SEP-16	DANKBERG, KAREN		10.96			Negotiable
370631		08-SEP-16	DAY, DAMON		31.90	19-SEP-16	31.90	Reconciled
370632		08-SEP-16	DE LA PENA MD, P		16.77			Negotiable
370633		08-SEP-16	DEL FRISCO RESTAURANT		31.48	04-OCT-16	31.48	Reconciled
370634		08-SEP-16	DEL VICARIO, KENDRA		36.28	26-SEP-16	36.28	Reconciled
370635		08-SEP-16	DENOS, ANNETTE		12.96	03-OCT-16	12.96	Reconciled
370636		08-SEP-16	DIAZ, PEGGY		35.55	30-SEP-16	35.55	Reconciled
370637		08-SEP-16	DISCOUNT COURIER SERVICE		67.47	12-SEP-16	67.47	Reconciled
370638		08-SEP-16	DO, CHRISTINA		13.50			Negotiable
370639		08-SEP-16	DON WILSON BUILDERS		12.51	11-OCT-16	12.51	Reconciled
370640		08-SEP-16	EI&C ENGINEERING INC		52,330.00	15-SEP-16	52,330.00	Reconciled
370641		08-SEP-16	EKMEKJYAN, NAREK		10.60			Negotiable
370642		08-SEP-16	ELLER, JESSICA		12.22			Negotiable
370643		08-SEP-16	ELWOOD, DEBBIE E		19.54			Negotiable
370644		08-SEP-16	EMPLOYEE BENEFIT SPECIALIST, INC		1,115.00	15-SEP-16	1,115.00	Reconciled
370645		08-SEP-16	ENVIRONMENTAL ENGINEERING AND CONTRACTING, INC.		9,432.50	13-SEP-16	9,432.50	Reconciled
370646		08-SEP-16	ENVIRONMENTAL EXPRESS INC		3,061.44	14-SEP-16	3,061.44	Reconciled
370647		08-SEP-16	ENVIRONMENTAL RESOURCE ASSOCIATES		213.45	13-SEP-16	213.45	Reconciled
370648		08-SEP-16	ESCOBEDO, MARIO		24.50			Negotiable
370649		08-SEP-16	EXCELLENT CAPITAL, LLC		10.81	26-SEP-16	10.81	Reconciled
370650		08-SEP-16	EXECUTIVE LIGHTING & ELECTRIC		223.87	13-SEP-16	223.87	Reconciled
370651		08-SEP-16	FARIBORZ, FARSIO		2,445.48	16-SEP-16	2,445.48	Reconciled
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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370652		08-SEP-16	FARWEST CORROSION CONTROL COMPANY		1,643.88	12-SEP-16	1,643.88	Reconciled
370653		08-SEP-16	FEDEX		375.07	12-SEP-16	375.07	Reconciled
370654		08-SEP-16	FENDER, DARON		48.55	21-SEP-16	48.55	Reconciled
370655		08-SEP-16	FERGUSON ENTERPRISES, INC.		2,592.00	12-SEP-16	2,592.00	Reconciled
370656		08-SEP-16	FIDELITY NATIONAL TITLE		15.77			Negotiable
370657		08-SEP-16	FIDELITY SECURITY LIFE INSURANCE COMPANY		6,511.09	15-SEP-16	6,511.09	Reconciled
370658		08-SEP-16	FISHER SCIENTIFIC COMPANY LLC		1,040.17	12-SEP-16	1,040.17	Reconciled
370659		08-SEP-16	FORESTRY SUPPLIERS INC		1,356.99	12-SEP-16	1,356.99	Reconciled
370660		08-SEP-16	FRASER, TRAVIS		27.30			Negotiable
370661		08-SEP-16	GARCIA, JUANITA		11.22	14-SEP-16	11.22	Reconciled
370662		08-SEP-16	GRAINGER		1,195.56	12-SEP-16	1,195.56	Reconciled
370663		08-SEP-16	GRANADO, ANGELINA		11.41	16-SEP-16	11.41	Reconciled
370664		08-SEP-16	GRAYBAR ELECTRIC COMPANY		521.50	12-SEP-16	521.50	Reconciled
370665		08-SEP-16	GULATI, SATINDER		11.24	15-SEP-16	11.24	Reconciled
370666		08-SEP-16	GUO, XIN		25.13	14-SEP-16	25.13	Reconciled
370667		08-SEP-16	HAAKER EQUIPMENT COMPANY		136.83	13-SEP-16	136.83	Reconciled
370668		08-SEP-16	HACH COMPANY		12,249.40	15-SEP-16	12,249.40	Reconciled
370669		08-SEP-16	HARRINGTON INDUSTRIAL PLASTICS LLC		6,055.51	12-SEP-16	6,055.51	Reconciled
370670		08-SEP-16	HARVEY, VALERIE		14.19	29-SEP-16	14.19	Reconciled

370671	08-SEP-16	HAYMAN, PHOEBE		33.42				Negotiable
370672	08-SEP-16	HDR ENGINEERING INC		82,502.00	15-SEP-16	82,502.00		Reconciled
370673	08-SEP-16	HELP/SYSTEMS, LLC		5,500.00	12-SEP-16	5,500.00		Reconciled
370674	08-SEP-16	HELPMATES STAFFING SERVICES		11,596.62	13-SEP-16	11,596.62		Reconciled
370675	08-SEP-16	HENSEL PHELPS CONSTRUCITON INC		31.08	16-SEP-16	31.08		Reconciled
370676	08-SEP-16	HENSEL PHELPS CONSTRUCTION CO		1,677.03	16-SEP-16	1,677.03		Reconciled
370677	08-SEP-16	HERITAGE FIELDS EL TORO, LLC		107,286.43	16-SEP-16	107,286.43		Reconciled
370678	08-SEP-16	HERNANDEZ, DELORES		12.70				Voided
370679	08-SEP-16	HERVEY, CARMEN		8.01	19-SEP-16	8.01		Reconciled
370680	08-SEP-16	HILL BROTHERS CHEMICAL COMPANY		10,304.27	14-SEP-16	10,304.27		Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370681		08-SEP-16	HOME DEPOT USA INC		636.69	19-SEP-16	636.69	Reconciled
370682		08-SEP-16	HUANG, CARLTON		14.47			Negotiable
370683		08-SEP-16	IBRAHIM, HALIMA		46.81	26-SEP-16	46.81	Reconciled
370684		08-SEP-16	INDUSTRIAL METAL SUPPLY CO		752.62	12-SEP-16	752.62	Reconciled
370685		08-SEP-16	INNERLINE ENGINEERING		4,624.50	03-OCT-16	4,624.50	Reconciled
370686		08-SEP-16	INVESTMENT DATA SYSTEMS, INC		10.95			Negotiable
370687		08-SEP-16	IRVINE COMMUNITY DEVELOPMENT COMPANY LLC		1,731.51	16-SEP-16	1,731.51	Reconciled
370688		08-SEP-16	IRVINE PACIFIC		11.31	16-SEP-16	11.31	Reconciled
370689		08-SEP-16	IRVINE PIPE & SUPPLY INC		550.84	12-SEP-16	550.84	Reconciled
370690		08-SEP-16	JCI JONES CHEMICALS INC		9,909.90	12-SEP-16	9,909.90	Reconciled
370691		08-SEP-16	JDJ INVESTMENT PROPERTIES LLC		34.27	12-SEP-16	34.27	Reconciled
370692		08-SEP-16	JEFFRIES, GEORGE		1,100.00	05-OCT-16	1,100.00	Reconciled
370693		08-SEP-16	JIG CONSULTANTS		7,935.38	13-SEP-16	7,935.38	Reconciled
370694		08-SEP-16	JOHN MICHAEL COVAS		195.80			Negotiable
370695		08-SEP-16	JU, DANIEL		16.35	16-SEP-16	16.35	Reconciled
370696		08-SEP-16	KIMBALL MIDWEST		1,110.21	13-SEP-16	1,110.21	Reconciled
370697		08-SEP-16	KOELLER NEBEKER CARLSON & HALUCK, LLP		4,729.70	12-SEP-16	4,729.70	Reconciled
370698		08-SEP-16	KONECRANES INC		33,698.49	15-SEP-16	33,698.49	Reconciled
370699		08-SEP-16	KRETZMANN, ANDREA		14.94	19-SEP-16	14.94	Reconciled
370700		08-SEP-16	LANDCARE HOLDINGS, INC.		28,477.43	19-SEP-16	28,477.43	Reconciled
370701		08-SEP-16	LIN, XIAOXIAO		13.47	13-SEP-16	13.47	Reconciled
370702		08-SEP-16	LIU, YING		32.70	26-SEP-16	32.70	Reconciled
370703		08-SEP-16	MAILFINANCE INC		9,931.08	13-SEP-16	9,931.08	Reconciled
370704		08-SEP-16	MC FADDEN-DALE INDUSTRIAL		596.46	13-SEP-16	596.46	Reconciled
370705		08-SEP-16	MC MASTER CARR SUPPLY CO		173.03	12-SEP-16	173.03	Reconciled
370706		08-SEP-16	MCKINLEY, MARK		32.40	27-SEP-16	32.40	Reconciled
370707		08-SEP-16	METAL TECHNOLOGY		1,251.28	16-SEP-16	1,251.28	Reconciled
370708		08-SEP-16	MICHAEL BAKER INTERNATIONAL, INC.		200.00	12-SEP-16	200.00	Reconciled
370709		08-SEP-16	MIDDEL, ROBERT		11.25			Negotiable
370710		08-SEP-16	MISSION COMMUNICATIONS LLC		347.40	14-SEP-16	347.40	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								
370711		08-SEP-16	MSC INDUSTRIAL SUPPLY CO		1,210.57	14-SEP-16	1,210.57	Reconciled
370712		08-SEP-16	MULTIQUIP INC		883.96	12-SEP-16	883.96	Reconciled
370713		08-SEP-16	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY		124,833.58	13-SEP-16	124,833.58	Reconciled
370714		08-SEP-16	MYERS & SONS HI-WAY SAFETY, INC.		2,587.68	12-SEP-16	2,587.68	Reconciled
370715		08-SEP-16	NATIONAL READY MIXED CONCRETE CO.		2,962.80	12-SEP-16	2,962.80	Reconciled
370716		08-SEP-16	NATURALWELL, LLC		2,310.00	12-SEP-16	2,310.00	Reconciled

370717	08-SEP-16	NATURES IMAGE INC	198.00	13-SEP-16	198.00	Reconciled
370718	08-SEP-16	NCH CORPORATION	1,533.03	12-SEP-16	1,533.03	Reconciled
370719	08-SEP-16	NORMAN A. OLSSON CONSTRUCTION, INC.	454,657.81	15-SEP-16	454,657.81	Reconciled
370720	08-SEP-16	OCTA	5,407.00	12-SEP-16	5,407.00	Reconciled
370721	08-SEP-16	OLIN CORPORATION	2,797.80	12-SEP-16	2,797.80	Reconciled
370722	08-SEP-16	ONESOURCE DISTRIBUTORS LLC	4,264.79	12-SEP-16	4,264.79	Reconciled
370723	08-SEP-16	ORACLE AMERICA, INC.	192,681.50	14-SEP-16	192,681.50	Reconciled
370724	08-SEP-16	ORANGE COUNTY AUTO PARTS CO	483.84	09-SEP-16	483.84	Reconciled
370725	08-SEP-16	ORANGE COUNTY HOSE	369.41	12-SEP-16	369.41	Reconciled
370726	08-SEP-16	ORANGE COUNTY SANITATION DISTRICT	1,570.00	12-SEP-16	1,570.00	Reconciled
370727	08-SEP-16	ORANGE COUNTY TREASURER	3,090.00	12-SEP-16	3,090.00	Reconciled
370728	08-SEP-16	PACIFIC COAST BOLT CORP	1,086.85	13-SEP-16	1,086.85	Reconciled
370729	08-SEP-16	PAGE, MARISSA	15.28	12-SEP-16	15.28	Reconciled
370730	08-SEP-16	PARKWAY LAWNMOWER SHOP	52.98	13-SEP-16	52.98	Reconciled
370731	08-SEP-16	PAYNE, NANCY C	161.77			Negotiable
370732	08-SEP-16	POLLARDWATER.COM	59.40	13-SEP-16	59.40	Reconciled
370733	08-SEP-16	PR DIAMOND PRODUCTS, INC.	786.00	12-SEP-16	786.00	Reconciled
370734	08-SEP-16	PRAXAIR DISTRIBUTION INC	224.22	13-SEP-16	224.22	Reconciled
370735	08-SEP-16	R&B AUTOMATION, INC.	1,625.00	12-SEP-16	1,625.00	Reconciled
370736	08-SEP-16	RAM AIR ENGINEERING INC	1,120.37	13-SEP-16	1,120.37	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								
370737		08-SEP-16	RESILIENT COMMUNICATIONS INC.		821.55			Negotiable
370738		08-SEP-16	RINGCLEAR LLC		55.20	13-SEP-16	55.20	Reconciled
370739		08-SEP-16	RMS ENGINEERING & DESIGN, INC.		6,410.10	12-SEP-16	6,410.10	Reconciled
370740		08-SEP-16	ROBERT HALF INTERNATIONAL, INC.		3,041.61	12-SEP-16	3,041.61	Reconciled
370741		08-SEP-16	ROME, HEATHER		197.41	12-SEP-16	197.41	Reconciled
370742		08-SEP-16	SAFETY-KLEEN SYSTEMS, INC		239.25	12-SEP-16	239.25	Reconciled
370743		08-SEP-16	SANDERS PAVING INC		28,318.75	15-SEP-16	28,318.75	Reconciled
370744		08-SEP-16	SANTA ANA BLUE PRINT		497.92	12-SEP-16	497.92	Reconciled
370745		08-SEP-16	SANTA MARGARITA FORD		1,027.19	12-SEP-16	1,027.19	Reconciled
370746		08-SEP-16	SANTA MARGARITA FORD		558.20	13-SEP-16	558.20	Reconciled
370747		08-SEP-16	SANTA MARGARITA FORD		386.94	12-SEP-16	386.94	Reconciled
370748		08-SEP-16	SANTA MARGARITA WATER DISTRICT		27,014.79	12-SEP-16	27,014.79	Reconciled
370749		08-SEP-16	SCHINDLER ELEVATOR CORPORATION		188.97	13-SEP-16	188.97	Reconciled
370750		08-SEP-16	SCHULER CONSTRUCTORS, INC.		81,914.50	14-SEP-16	81,914.50	Reconciled
370751		08-SEP-16	SCHULER CONSTRUCTORS, INC.		4,311.29	30-SEP-16	4,311.29	Reconciled
370752		08-SEP-16	SHAMROCK SUPPLY CO INC		934.73	12-SEP-16	934.73	Reconciled
370753		08-SEP-16	SHEN, TAYLOR		33.92			Negotiable
370754		08-SEP-16	SIGMA-ALDRICH INC		542.15	12-SEP-16	542.15	Reconciled
370755		08-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		70,157.82	12-SEP-16	70,157.82	Reconciled
370756		08-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		9.54	12-SEP-16	9.54	Reconciled
370757		08-SEP-16	SOUTHERN CALIFORNIA SECURITY CENTERS, INC.		152.82	16-SEP-16	152.82	Reconciled
370758		08-SEP-16	STANDARD REGISTER, INC.		2,564.19	12-SEP-16	2,564.19	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 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								
370759		08-SEP-16	STANTEC CONSULTING SERVICES INC.		6,106.50	12-SEP-16	6,106.50	Reconciled
370760		08-SEP-16	STATE NET		2,295.00	12-SEP-16	2,295.00	Reconciled
370761		08-SEP-16	STETSON ENGINEERS INC.		9,783.84	19-SEP-16	9,783.84	Reconciled
370762		08-SEP-16	SUNSHINE SUPPLY COMPANY, INC.		2,538.00	13-SEP-16	2,538.00	Reconciled
370763		08-SEP-16	THE FURMAN GROUP, INC.		12,550.00	19-SEP-16	12,550.00	Reconciled
370764		08-SEP-16	THE HELLAN STRAINER COMPANY		885.39	12-SEP-16	885.39	Reconciled
370765		08-SEP-16	THE TERRACE COMMUNITY ASSOCIATION		7.11	12-SEP-16	7.11	Reconciled
370766		08-SEP-16	THYSSENKRUPP ELEVATOR CORPORATION		179.64	12-SEP-16	179.64	Reconciled
370767		08-SEP-16	TRI POINTE HOMES, INC.		14.07	26-SEP-16	14.07	Reconciled
370768		08-SEP-16	TROPICAL PLAZA NURSERY INC		41,318.12	14-SEP-16	41,318.12	Reconciled
370769		08-SEP-16	TRUCPARCO		3,264.52	19-SEP-16	3,264.52	Reconciled
370770		08-SEP-16	TUAN HA, VINCENT		27.06	19-SEP-16	27.06	Reconciled
370771		08-SEP-16	ULTRA SCIENTIFIC		720.17	13-SEP-16	720.17	Reconciled
370772		08-SEP-16	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA		1,312.50	15-SEP-16	1,312.50	Reconciled
370773		08-SEP-16	UNITED STATES POST OFFICE		25,000.00	19-SEP-16	25,000.00	Reconciled
370774		08-SEP-16	USA BLUEBOOK		1,245.41	15-SEP-16	1,245.41	Reconciled
370775		08-SEP-16	VCS ENVIRONMENTAL		3,327.68	12-SEP-16	3,327.68	Reconciled
370776		08-SEP-16	VERIZON WIRELESS SERVICES LLC		2,377.91	14-SEP-16	2,377.91	Reconciled
370777		08-SEP-16	WALTERS WHOLESALE ELECTRIC		24,943.78	19-SEP-16	24,943.78	Reconciled
370778		08-SEP-16	WASTE MANAGEMENT OF ORANGE COUNTY		5,079.99	12-SEP-16	5,079.99	Reconciled
370779		08-SEP-16	WATERWISE CONSULTING, INC.		1,050.00	12-SEP-16	1,050.00	Reconciled
370780		08-SEP-16	WECK LABORATORIES INC		2,050.00	12-SEP-16	2,050.00	Reconciled
370781		08-SEP-16	WEST COAST SAFETY SUPPLY INC		404.98	13-SEP-16	404.98	Reconciled
370782		08-SEP-16	WILTSE, ROBERT		96.77	16-SEP-16	96.77	Reconciled
IRWD Ledger Payment Register For 01-SEP-16 To 30-SEP-16 Report Date: 13-OCT-2016 12:34								
BANK: Bank of America N.A.			Branch : Los Angeles		Account: Checking AP and PR		Page: 17	
Bank Account Currency: USD (US Dollar)					Payment Currency: USD (US Dollar)			
Payment Type: All					Display Supplier Address: No			

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370783		08-SEP-16	WOODRUFF, SPRADLIN & SMART APC		7,806.20	12-SEP-16	7,806.20	Reconciled
370784		08-SEP-16	ZEE MEDICAL SERVICE CO		1,310.00	12-SEP-16	1,310.00	Reconciled
370785		08-SEP-16	ZHAI, XIAOLIU		19.94	26-SEP-16	19.94	Reconciled
370786		15-SEP-16	Hansen, Casey		50.00			Negotiable
370787		15-SEP-16	Schreck, Jeffrey A (Jeffrey)		1,948.58	21-SEP-16	1,948.58	Reconciled
370788		15-SEP-16	Tettemer, John M (Mark)		7.56	21-SEP-16	7.56	Reconciled
370789		15-SEP-16	Matheis, Mary Aileen		578.94	27-SEP-16	578.94	Reconciled
370790		15-SEP-16	Jack, Michael P (Mike)		474.64	15-SEP-16	474.64	Reconciled
370791		15-SEP-16	Swan, Peer		1,881.60	21-SEP-16	1,881.60	Reconciled
370792		15-SEP-16	Perez, Rodolfo (Rudy)		80.00	03-OCT-16	80.00	Reconciled
370793		15-SEP-16	LaMar, Steven E		1,065.87	19-SEP-16	1,065.87	Reconciled
370794		15-SEP-16	Pisal, Sudhir		23.76	11-OCT-16	23.76	Reconciled
370795		15-SEP-16	Martinez, Veronica P		38.88	19-SEP-16	38.88	Reconciled
370796		15-SEP-16	20 TESORO LLC		23.79	23-SEP-16	23.79	Reconciled
370797		15-SEP-16	A.J. KLEIN, INC. T. DENATALE, B. GOLDNER		245.00	19-SEP-16	245.00	Reconciled
370798		15-SEP-16	AB WEST LLC		10.97			Negotiable
370799		15-SEP-16	ABDOLI, MANSOUR		28.24			Negotiable
370800		15-SEP-16	ABERNETHY, BOB		10.58			Negotiable
370801		15-SEP-16	ADS LLC		1,936.50	19-SEP-16	1,936.50	Reconciled
370802		15-SEP-16	AGARWALA, TARLA		57.95	22-SEP-16	57.95	Reconciled
370803		15-SEP-16	AIRGAS, INC.		110.65	19-SEP-16	110.65	Reconciled
370804		15-SEP-16	AL MAHDI, FATHIA		34.06			Negotiable
370805		15-SEP-16	ALEXIS, JOSEPH		1.04			Negotiable
370806		15-SEP-16	ALHAMBRA FOUNDRY		3,361.64	19-SEP-16	3,361.64	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
370807	15-SEP-16		CO LTD ALI CETIN		19.88	22-SEP-16	19.88	Reconciled
370808	15-SEP-16		ALL AMERICAN ASPHALT		1,371.49	22-SEP-16	1,371.49	Reconciled
370809	15-SEP-16		ALL AMERICAN SEWER TOOLS		829.32	19-SEP-16	829.32	Reconciled
370810	15-SEP-16		ALLYSOFT, LLC		10.18	04-OCT-16	10.18	Reconciled
370811	15-SEP-16		ALMERCO, JORGE		19.04	11-OCT-16	19.04	Reconciled
370812	15-SEP-16		ALSHEHHI, SHUHAB		89.19			Negotiable
370813	15-SEP-16		ALTA NURSERY, INC.		595.20	20-SEP-16	595.20	Reconciled
370814	15-SEP-16		ALTAMIMI, MOHAMED		10.47			Negotiable
370815	15-SEP-16		ANIXTER INC		178.20	19-SEP-16	178.20	Reconciled

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 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								
370816	15-SEP-16		APEAN, INC.		6,172.50	20-SEP-16	6,172.50	Reconciled
370817	15-SEP-16		ARCADIS U.S., INC.		93,698.49	22-SEP-16	93,698.49	Reconciled
370818	15-SEP-16		ARELLANO, ANTONIO		14.97			Negotiable
370819	15-SEP-16		ARMORCAST PRODUCTS COMPANY		5,124.38	19-SEP-16	5,124.38	Reconciled
370820	15-SEP-16		AT&T		3,660.60	20-SEP-16	3,660.60	Reconciled
370821	15-SEP-16		AT&T		1,653.93	20-SEP-16	1,653.93	Reconciled
370822	15-SEP-16		ATASH, MARIAN		38.67	07-OCT-16	38.67	Reconciled
370823	15-SEP-16		AUTOZONE PARTS, INC.		38.47	19-SEP-16	38.47	Reconciled
370824	15-SEP-16		BALLIET, MICHAEL		17.92			Negotiable
370825	15-SEP-16		BARTOLOME, ALVIN		11.21			Negotiable
370826	15-SEP-16		BASHYRY, MOHAMMAD- ALI		20.54			Negotiable
370827	15-SEP-16		BATURIN, VLADYSLAV		40.88	19-SEP-16	40.88	Reconciled
370828	15-SEP-16		BAUGHN, JOHN		38.12	04-OCT-16	38.12	Reconciled
370829	15-SEP-16		BEADOR, DAVID		14.17	23-SEP-16	14.17	Reconciled
370830	15-SEP-16		BEAUFORD, RICO		12.70			Negotiable
370831	15-SEP-16		BENNETT, JACOB		18.71	26-SEP-16	18.71	Reconciled
370832	15-SEP-16		BERRY, GERALDENE		10.03			Voided
370833	15-SEP-16		BHARDWAJ, MAYANK		19.05	19-SEP-16	19.05	Reconciled
370834	15-SEP-16		BIOMAGIC INC		12,296.46	27-SEP-16	12,296.46	Reconciled
370835	15-SEP-16		BIOMERIEUX INC		350.68	19-SEP-16	350.68	Reconciled
370836	15-SEP-16		BIOQUIP PRODUCTS INC		800.01			Negotiable
370837	15-SEP-16		BISCONTI, KIMBERLY		148.91	19-SEP-16	148.91	Reconciled
370838	15-SEP-16		BOLING, TAMMY		37.24			Negotiable
370839	15-SEP-16		BOUDREAU PIPELINE CORPORATION		84,669.39	21-SEP-16	84,669.39	Reconciled
370840	15-SEP-16		BOURGEOIS, WILLIAM		42.27			Negotiable
370841	15-SEP-16		BOWEN, DAVID		21.93			Negotiable
370842	15-SEP-16		BOYER, CHAD		15.96			Negotiable
370843	15-SEP-16		BRAUN, KAREN		12.34			Negotiable
370844	15-SEP-16		BRENNAN, PHILIP		27.74			Negotiable
370845	15-SEP-16		BRENNTAG PACIFIC INC		1,610.00	16-SEP-16	1,610.00	Reconciled
370846	15-SEP-16		BRITTON, LUKE		10.20	20-SEP-16	10.20	Reconciled
370847	15-SEP-16		BROOKFIELD HOMES		116.18	29-SEP-16	116.18	Reconciled
370848	15-SEP-16		BROOKFIELD ORCHARD HILLS 72 LLC 10036		93.35	29-SEP-16	93.35	Reconciled
370849	15-SEP-16		BROOKFIELD RESIDENTIAL		63.50	29-SEP-16	63.50	Reconciled
370850	15-SEP-16		BROOKLAND NEIGHBORHOOD ASSOCIATION		203.81	30-SEP-16	203.81	Reconciled
370851	15-SEP-16		BROWN, MARY		89.03	11-OCT-16	89.03	Reconciled

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 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)
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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370852	15-SEP-16		BUCCOLA LANDSCAPE SERVICES, INC.		251.70	19-SEP-16	251.70	Reconciled
370853	15-SEP-16		BULALACAO, GERARD		15.85	03-OCT-16	15.85	Reconciled
370854	15-SEP-16		C WELLS PIPELINE MATERIALS INC		2,127.60	21-SEP-16	2,127.60	Reconciled
370855	15-SEP-16		C.H. BULL CO.		6,828.48	19-SEP-16	6,828.48	Reconciled
370856	15-SEP-16		CABELA'S MARKETING AND BRAND MANAGEMENT INC		80.94	19-SEP-16	80.94	Reconciled
370857	15-SEP-16		CALIFORNIA BARRICADE RENTAL, INC.		6,862.26	20-SEP-16	6,862.26	Reconciled
370858	15-SEP-16		CALIFORNIA GATE AND ENTRY SYSTEMS		11,625.05	22-SEP-16	11,625.05	Reconciled
370859	15-SEP-16		CARDENAS, CARLOS		28.05	19-SEP-16	28.05	Reconciled

370860	15-SEP-16	CARRILLO, MILTON	93.11	22-SEP-16	93.11	Reconciled
370861	15-SEP-16	CHEM TECH	4,224.00	26-SEP-16	4,224.00	Reconciled
370862	15-SEP-16	INTERNATIONAL INC CHO DESIGN ASSOCIATES, INC	800.00	20-SEP-16	800.00	Reconciled
370863	15-SEP-16	CITY OF IRVINE	3,859.50	21-SEP-16	3,859.50	Reconciled
370864	15-SEP-16	CIVILSOURCE, INC.	33,565.00	20-SEP-16	33,565.00	Reconciled
370865	15-SEP-16	CLEAN ENERGY	2,467.77	21-SEP-16	2,467.77	Reconciled
370866	15-SEP-16	CLEARINGHOUSE	477.67	22-SEP-16	477.67	Reconciled
370867	15-SEP-16	COMPRESSED AIR OF CALIFORNIA	547.90	20-SEP-16	547.90	Reconciled
370868	15-SEP-16	CONSOLIDATED CONTRACTING SERVICES, INC.	967.63	19-SEP-16	967.63	Reconciled
370869	15-SEP-16	CONTROLLED KEY SYSTEMS INC	236.00	21-SEP-16	236.00	Reconciled
370870	15-SEP-16	COUNTY OF ORANGE	50,985.00	21-SEP-16	50,985.00	Reconciled
370871	15-SEP-16	CR & R INCORPORATED	133.39	19-SEP-16	133.39	Reconciled
370872	15-SEP-16	CREDENTIAL CHECK CORPORATION	183.30	19-SEP-16	183.30	Reconciled
370873	15-SEP-16	D & G SIGNS	3,425.76	19-SEP-16	3,425.76	Reconciled
370874	15-SEP-16	DANDLER, MARLENE	138.80	19-SEP-16	138.80	Reconciled
370875	15-SEP-16	DANGELO CO	982.80	19-SEP-16	982.80	Reconciled
370876	15-SEP-16	DATASITE INC	5,320.00	26-SEP-16	5,320.00	Reconciled
370877	15-SEP-16	DEE JASPAR & ASSOCIATES, INC.	141,608.55	21-SEP-16	141,608.55	Reconciled
370878	15-SEP-16	DEX MEDIA INC.	67.25	21-SEP-16	67.25	Reconciled
370879	15-SEP-16	DURHAM GEO SLOPE INDICATOR	4,945.00	19-SEP-16	4,945.00	Reconciled

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 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								
370880		15-SEP-16	ESPERANZA APARTMENTS		376.59	22-SEP-16	376.59	Reconciled
370881		15-SEP-16	FELLERS, STACY		50.77	20-SEP-16	50.77	Reconciled
370882		15-SEP-16	FERGUSON ENTERPRISES, INC.		8,073.00	19-SEP-16	8,073.00	Reconciled
370883		15-SEP-16	FISHER SCIENTIFIC COMPANY LLC		4,325.74	19-SEP-16	4,325.74	Reconciled
370884		15-SEP-16	FLEET SOLUTIONS LLC		4,570.70	20-SEP-16	4,570.70	Reconciled
370885		15-SEP-16	FORESTRY SUPPLIERS INC		213.91	19-SEP-16	213.91	Reconciled
370886		15-SEP-16	FRED EMMERT		475.20	19-SEP-16	475.20	Reconciled
370887		15-SEP-16	FRONTIER CALIFORNIA INC.		51.47	19-SEP-16	51.47	Reconciled
370888		15-SEP-16	GJ AUTOMOTIVE EQUIPMENT CO INC		742.50	23-SEP-16	742.50	Reconciled
370889		15-SEP-16	GRAINGER		5,993.75	19-SEP-16	5,993.75	Reconciled
370890		15-SEP-16	H2O INNOVATION USA INC		4,619.58	19-SEP-16	4,619.58	Reconciled
370891		15-SEP-16	HACH COMPANY		4,863.95	19-SEP-16	4,863.95	Reconciled
370892		15-SEP-16	HAMILTON, KURT		1,725.94	28-SEP-16	1,725.94	Reconciled
370893		15-SEP-16	HARMSWORTH ASSOCIATES		2,267.00	19-SEP-16	2,267.00	Reconciled
370894		15-SEP-16	HEALTH SCIENCE ASSOCIATES, INC.		9,085.50	05-OCT-16	9,085.50	Reconciled
370895		15-SEP-16	HELPMATES STAFFING SERVICES		7,958.84	19-SEP-16	7,958.84	Reconciled
370896		15-SEP-16	HILL BROTHERS CHEMICAL COMPANY		6,196.85	20-SEP-16	6,196.85	Reconciled
370897		15-SEP-16	HOME DEPOT USA INC		591.31	26-SEP-16	591.31	Reconciled
370898		15-SEP-16	HOOKANO, LUCKY		154.22			Negotiable
370899		15-SEP-16	HUNSAKER & ASSOCIATES IRVINE		672.00	19-SEP-16	672.00	Reconciled
370900		15-SEP-16	IBM CORPORATION		5,000.00	19-SEP-16	5,000.00	Reconciled
370901		15-SEP-16	INDUSTRIAL METAL SUPPLY CO		91.26	19-SEP-16	91.26	Reconciled
370902		15-SEP-16	IRON MOUNTAIN INFORMATION MANAGEMENT INC		1,409.77	19-SEP-16	1,409.77	Reconciled
370903		15-SEP-16	IRVINE PIPE & SUPPLY INC		2,389.66	19-SEP-16	2,389.66	Reconciled
370904		15-SEP-16	IRVINE UNIFIED SCHOOL DISTRICT		41,168.93	22-SEP-16	41,168.93	Reconciled
370905		15-SEP-16	IRWD EMPLOYEE ASSOCIATION		860.00	19-SEP-16	860.00	Reconciled

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 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 21
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

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

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
370906	15-SEP-16	IRWD-PETTY CASH CUSTODIAN			993.45	19-SEP-16	993.45	Reconciled
370907	15-SEP-16	KAISER, KAREN			46.90			Negotiable
370908	15-SEP-16	KAKEHASHI, GRANT			18.61			Negotiable
370909	15-SEP-16	KAR CONSTRUCTION INC.			883.55	22-SEP-16	883.55	Reconciled
370910	15-SEP-16	KILL-N-BUGS TERMITES AND PEST CONTROL SERVICES			3,000.00	19-SEP-16	3,000.00	Reconciled
370911	15-SEP-16	KIM, DWIGHT			17.20	29-SEP-16	17.20	Reconciled
370912	15-SEP-16	KIM, PAUL			35.63	04-OCT-16	35.63	Reconciled
370913	15-SEP-16	KLEIN INVESTMENT FAMILY LP			16.87	06-OCT-16	16.87	Reconciled
370914	15-SEP-16	KLEIN, AMY			18.33	06-OCT-16	18.33	Reconciled
370915	15-SEP-16	LAGUNA BEACH COUNTY WATER DISTRICT			3,740.96	21-SEP-16	3,740.96	Reconciled
370916	15-SEP-16	LAMARCHE, PATRICK			35.42	23-SEP-16	35.42	Reconciled
370917	15-SEP-16	LARSEN, LESLIE K			7.75	20-SEP-16	7.75	Reconciled
370918	15-SEP-16	LCS TECHNOLOGIES, INC.			4,050.00	20-SEP-16	4,050.00	Reconciled
370919	15-SEP-16	LE, QUAN			10.63			Negotiable
370920	15-SEP-16	LEE & RO, INC.			30,294.27	22-SEP-16	30,294.27	Reconciled
370921	15-SEP-16	LEE, SU			656.41	26-SEP-16	656.41	Reconciled
370922	15-SEP-16	LEMKIN, JOY			20.00	06-OCT-16	20.00	Reconciled
370923	15-SEP-16	LINTNER, GAYLE			395.73	20-SEP-16	395.73	Reconciled
370924	15-SEP-16	LIVETT, LAUREN			17.84	28-SEP-16	17.84	Reconciled
370925	15-SEP-16	LUNDGREN, SEAN			15.12	05-OCT-16	15.12	Reconciled
370926	15-SEP-16	MACAULEY, MARGARET			35.88	06-OCT-16	35.88	Reconciled
370927	15-SEP-16	MALEKSHAHI, ALI			15.50	03-OCT-16	15.50	Reconciled
370928	15-SEP-16	MARINA LANDSCAPE MAINTENANCE, INC.			7,464.32	20-SEP-16	7,464.32	Reconciled
370929	15-SEP-16	MARSH, SALINA			28.17			Negotiable
370930	15-SEP-16	MATHIS, RICHARD K			29.74	30-SEP-16	29.74	Reconciled
370931	15-SEP-16	MATSUNAGA, ERIKA			33.61			Negotiable
370932	15-SEP-16	MC MASTER CARR SUPPLY CO			2,532.45	19-SEP-16	2,532.45	Reconciled
370933	15-SEP-16	MCBAIN SYSTEMS LP			550.00	19-SEP-16	550.00	Reconciled
370934	15-SEP-16	MENDEZ, GLORIA			16.70			Negotiable
370935	15-SEP-16	METTLER-TOLEDO INC			1,102.95	19-SEP-16	1,102.95	Reconciled
370936	15-SEP-16	MICHELE CHAVIS-LOVING			1,973.96	26-SEP-16	1,973.96	Reconciled
370937	15-SEP-16	MITCHELL GENERAL CONTRACTORS, INC.			249.06	26-SEP-16	249.06	Reconciled
370938	15-SEP-16	MOHAMED, ALI			22.82	30-SEP-16	22.82	Reconciled

IRWD Ledger

BANK: Bank of America N.A.

Bank Account Currency: USD (US Dollar)

Payment Type: All

Branch : Los Angeles

Account: Checking AP and PR

Payment Currency: USD (US Dollar)

Display Supplier Address: No

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Payment Document : IRWD CHECK								
370939	15-SEP-16	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY			7,262.01	26-SEP-16	7,262.01	Reconciled
370940	15-SEP-16	MURPHY, COLIN			50.76	27-SEP-16	50.76	Reconciled
370941	15-SEP-16	MUSSELMAN, LYNN			24.07	26-SEP-16	24.07	Reconciled
370942	15-SEP-16	NASRI, MOHAMMAD			88.49	28-SEP-16	88.49	Reconciled
370943	15-SEP-16	NATIONAL READY MIXED CONCRETE CO.			1,384.00	19-SEP-16	1,384.00	Reconciled
370944	15-SEP-16	NAVRAN, ASHLEY			32.56	27-SEP-16	32.56	Reconciled
370945	15-SEP-16	NETTO, DEIRDRE			13.39			Negotiable
370946	15-SEP-16	NEXLEVEL INFORMATION TECHNOLOGY, INC.			3,178.00	20-SEP-16	3,178.00	Reconciled
370947	15-SEP-16	NOVACOAST INC			500.00	19-SEP-16	500.00	Reconciled
370948	15-SEP-16	OCTA			2,313.00	19-SEP-16	2,313.00	Reconciled
370949	15-SEP-16	OLIN CORPORATION			5,671.20	19-SEP-16	5,671.20	Reconciled
370950	15-SEP-16	ONESOURCE DISTRIBUTORS LLC			17,837.76	20-SEP-16	17,837.76	Reconciled
370951	15-SEP-16	ONG, ROSALIND			22.70	11-OCT-16	22.70	Reconciled
370952	15-SEP-16	ONSET COMPUTER CORPORATION			4,821.00	19-SEP-16	4,821.00	Reconciled
370953	15-SEP-16	ORANGE COUNTY AUTO PARTS CO			287.77	16-SEP-16	287.77	Reconciled
370954	15-SEP-16	ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT			1,403.56	07-OCT-16	1,403.56	Reconciled
370955	15-SEP-16	ORANGE COUNTY SHERIFF'S OFFICE			62.50	23-SEP-16	62.50	Reconciled
370956	15-SEP-16	OUTSOURCE TECHNICAL LLC			62,339.00	20-SEP-16	62,339.00	Reconciled
370957	15-SEP-16	PAPER DEPOT DOCUMENT DESTRUCTION LLC			900.00	23-SEP-16	900.00	Reconciled
370958	15-SEP-16	PARKHOUSE TIRE INC			499.27	20-SEP-16	499.27	Reconciled
370959	15-SEP-16	PCL CONSTRUCTION, INC.			33.67	20-SEP-16	33.67	Reconciled

370960	15-SEP-16	PERS LONG TERM CARE	939.50	26-SEP-16	939.50	Reconciled
370961	15-SEP-16	PORTOLA PLACE APTS	17.18	22-SEP-16	17.18	Reconciled
370962	15-SEP-16	PRAXAIR DISTRIBUTION INC	806.32	20-SEP-16	806.32	Reconciled
370963	15-SEP-16	PREMIER PAVING INC.	904.11	20-SEP-16	904.11	Reconciled
370964	15-SEP-16	FRESCOTT, LORI	44.63	29-SEP-16	44.63	Reconciled
370965	15-SEP-16	PRESS, PHILIP	53.22	21-SEP-16	53.22	Reconciled

IRWD Ledger
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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370966	15-SEP-16	15-SEP-16	PRO MOBILE AUTO DETAILING		600.00	19-SEP-16	600.00	Reconciled
370967	15-SEP-16	15-SEP-16	PRUDENTIAL OVERALL SUPPLY		5,098.43	20-SEP-16	5,098.43	Reconciled
370968	15-SEP-16	15-SEP-16	QAMAR, ADNAN		56.66			Negotiable
370969	15-SEP-16	15-SEP-16	RAINBOW DISPOSAL CO INC		357.36	23-SEP-16	357.36	Reconciled
370970	15-SEP-16	15-SEP-16	RAM AIR ENGINEERING INC		18,453.82	20-SEP-16	18,453.82	Reconciled
370971	15-SEP-16	15-SEP-16	RAMIREZ, RAUL		116.87	22-SEP-16	116.87	Reconciled
370972	15-SEP-16	15-SEP-16	RED WING SHOES		4,221.64	19-SEP-16	4,221.64	Reconciled
370973	15-SEP-16	15-SEP-16	REED, DAN		25.07			Negotiable
370974	15-SEP-16	15-SEP-16	RESOLUTE CONTRACTORS, INC		397.05	27-SEP-16	397.05	Reconciled
370975	15-SEP-16	15-SEP-16	REYNOLDS, YUI		833.09	26-SEP-16	833.09	Reconciled
370976	15-SEP-16	15-SEP-16	ROBERT HALF INTERNATIONAL, INC.		4,974.06	19-SEP-16	4,974.06	Reconciled
370977	15-SEP-16	15-SEP-16	ROELL, BRANDON		44.93			Negotiable
370978	15-SEP-16	15-SEP-16	RONQUILLO, BEA		12.45			Negotiable
370979	15-SEP-16	15-SEP-16	ROSAL, CYRIL		30.97			Negotiable
370980	15-SEP-16	15-SEP-16	ROSSEL ROMANA, ALBERTO		14.35	26-SEP-16	14.35	Reconciled
370981	15-SEP-16	15-SEP-16	SANTIAGO AQUEDUCT COMMISSION		99,712.76	15-SEP-16	99,712.76	Reconciled
370982	15-SEP-16	15-SEP-16	SCHROEDER, KATHY		15.22	03-OCT-16	15.22	Reconciled
370983	15-SEP-16	15-SEP-16	SCOTT, FREDRICK A		13.88	26-SEP-16	13.88	Reconciled
370984	15-SEP-16	15-SEP-16	SEAL ANALYTICAL INC		683.39	19-SEP-16	683.39	Reconciled
370985	15-SEP-16	15-SEP-16	SEBASTIAN, ANN		26.55	27-SEP-16	26.55	Reconciled
370986	15-SEP-16	15-SEP-16	SECURTEC DISTRICT PATROL, INC.		18,900.00	26-SEP-16	18,900.00	Reconciled
370987	15-SEP-16	15-SEP-16	SEFER, TALIN		28.17	21-SEP-16	28.17	Reconciled
370988	15-SEP-16	15-SEP-16	SEMPICO COMPANY		70.07			Negotiable
370989	15-SEP-16	15-SEP-16	SEPARATION PROCESSES INC		1,206.00	30-SEP-16	1,206.00	Reconciled
370990	15-SEP-16	15-SEP-16	SETANJASA, MEHRAD		168.21	06-OCT-16	168.21	Reconciled
370991	15-SEP-16	15-SEP-16	SHAMROCK SUPPLY CO INC		628.05	19-SEP-16	628.05	Reconciled
370992	15-SEP-16	15-SEP-16	SHAOHUAI QIU AND NUO LUO		13.41			Negotiable
370993	15-SEP-16	15-SEP-16	SHERWIN WILLIAMS COMPANY		151.63	20-SEP-16	151.63	Reconciled
370994	15-SEP-16	15-SEP-16	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		1,663.42	22-SEP-16	1,663.42	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
370995	15-SEP-16	15-SEP-16	SOUTH COAST ANSWERING SERVICE		762.36	19-SEP-16	762.36	Reconciled
370996	15-SEP-16	15-SEP-16	SOUTH COAST WATER CO.		191.68	21-SEP-16	191.68	Reconciled
370997	15-SEP-16	15-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		62,410.65	19-SEP-16	62,410.65	Reconciled
370998	15-SEP-16	15-SEP-16	STANTEC CONSULTING SERVICES INC.		11,592.00	22-SEP-16	11,592.00	Reconciled
370999	15-SEP-16	15-SEP-16	SUSAN A. SIROTA		8,590.00	20-SEP-16	8,590.00	Reconciled
371000	15-SEP-16	15-SEP-16	TAK, GIEUN		17.06	23-SEP-16	17.06	Reconciled
371001	15-SEP-16	15-SEP-16	TATUM, BRENDA		13.10	19-SEP-16	13.10	Reconciled
371002	15-SEP-16	15-SEP-16	TAYLOR MORRISON		30.13	30-SEP-16	30.13	Reconciled
371003	15-SEP-16	15-SEP-16	TELEDYNE INSTRUMENTS, INC.		530.82	22-SEP-16	530.82	Reconciled
371004	15-SEP-16	15-SEP-16	TESTAMERICA LABORATORIES, INC		756.00	19-SEP-16	756.00	Reconciled
371005	15-SEP-16	15-SEP-16	THE GAS COMPANY		1,015.82	19-SEP-16	1,015.82	Reconciled

371006	15-SEP-16	THE HELLAN STRAINER COMPANY	6,070.00	19-SEP-16	6,070.00	Reconciled
371007	15-SEP-16	THOMPSON INDUSTRIAL SUPPLY	7,523.46	19-SEP-16	7,523.46	Reconciled
371008	15-SEP-16	TIVERON, SCOTT	106.24			Negotiable
371009	15-SEP-16	TOLL BROS., INC	106.19			Negotiable
371010	15-SEP-16	TOTAL TELCO SPECIALISTS INC	6,237.00	19-SEP-16	6,237.00	Reconciled
371011	15-SEP-16	TRANSCAT, INC	5,934.25	19-SEP-16	5,934.25	Reconciled
371012	15-SEP-16	TRIPAC MARKETING INC	335.84	19-SEP-16	335.84	Reconciled
371013	15-SEP-16	TRIPOINTE HOMES	610.07	26-SEP-16	610.07	Reconciled
371014	15-SEP-16	TROPICAL PLAZA NURSERY INC	2,671.04	19-SEP-16	2,671.04	Reconciled
371015	15-SEP-16	TRUCFARCO	1,787.72	27-SEP-16	1,787.72	Reconciled
371016	15-SEP-16	TURNER, KARIN	13.14			Negotiable
371017	15-SEP-16	ULLMAN, GLORIA	17.67			Negotiable
371018	15-SEP-16	ULTRA SCIENTIFIC	671.83	20-SEP-16	671.83	Reconciled
371019	15-SEP-16	UNITED PARCEL SERVICE INC	71.23	19-SEP-16	71.23	Reconciled
371020	15-SEP-16	UNITED SITE SERVICES OF CALIFORNIA INC	478.25	21-SEP-16	478.25	Reconciled
371021	15-SEP-16	USA EXPRESS	21.03	19-SEP-16	21.03	Reconciled
371022	15-SEP-16	VALENTINE, DEREK	14.19			Negotiable
371023	15-SEP-16	VULCAN INDUSTRIES INC	545.04	19-SEP-16	545.04	Reconciled

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 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								
371024		15-SEP-16	VULCAN MATERIALS COMPANY		1,377.04	16-SEP-16	1,377.04	Reconciled
371025		15-SEP-16	WADE, ANDREA		27.17			Negotiable
371026		15-SEP-16	WALSH, TARA		19.16	29-SEP-16	19.16	Reconciled
371027		15-SEP-16	WARE MALCOMB		146,656.48	20-SEP-16	146,656.48	Reconciled
371028		15-SEP-16	WATERLINE TECHNOLOGIES INC		2,776.10	16-SEP-16	2,776.10	Reconciled
371029		15-SEP-16	WATERWISE CONSULTING, INC.		4,172.00	19-SEP-16	4,172.00	Reconciled
371030		15-SEP-16	WAXIE'S ENTERPRISES, INC		2,349.26	19-SEP-16	2,349.26	Reconciled
371031		15-SEP-16	WELDE, JESSICA		18.28	11-OCT-16	18.28	Reconciled
371032		15-SEP-16	WESTAMERICA COMMUNICATIONS, INC.		5,140.90	19-SEP-16	5,140.90	Reconciled
371033		15-SEP-16	WESTERN AV		47,992.20	21-SEP-16	47,992.20	Reconciled
371034		15-SEP-16	WHITE, JEFF		11.12	19-SEP-16	11.12	Reconciled
371035		15-SEP-16	WILLIAMS, KARYN L		41.23	19-SEP-16	41.23	Reconciled
371036		15-SEP-16	WIN-911 SOFTWARE		495.00	30-SEP-16	495.00	Reconciled
371037		15-SEP-16	WU, YIQLAN		35.56			Negotiable
371038		15-SEP-16	WYRICK, PATRICK		18.70	11-OCT-16	18.70	Reconciled
371039		15-SEP-16	YANG, HUI MING		25.42			Negotiable
371040		15-SEP-16	YONG, KINNEY		20.15	23-SEP-16	20.15	Reconciled
371041		15-SEP-16	YOSHIOKA, ANDREW		13.56	21-SEP-16	13.56	Reconciled
371042		15-SEP-16	YP LLC		117.49	19-SEP-16	117.49	Reconciled
371043		15-SEP-16	YU, YUEFENG		22.45			Negotiable
371044		15-SEP-16	ZEBRON CONTRACTING INC		95,920.00	23-SEP-16	95,920.00	Reconciled
371045		21-SEP-16	WESTERN EXTERMINATOR COMPANY	SANTA ANA	55.00	26-SEP-16	55.00	Reconciled
371046		21-SEP-16	CALIFORNIA BARRICADE RENTAL, INC.	PAY	1,009.72	27-SEP-16	1,009.72	Reconciled
371047		22-SEP-16	Murphy, Alexander J (Alexander)		35.86	29-SEP-16	35.86	Reconciled
371048		22-SEP-16	Perez, Cesar (Cesar)		63.28			Negotiable
371049		22-SEP-16	Hjorth, Charles O (Charles)		19.57			Negotiable
371050		22-SEP-16	Trementozzi, Cody		137.68	27-SEP-16	137.68	Reconciled
371051		22-SEP-16	McElroy, Dorien		31.06	26-SEP-16	31.06	Reconciled
371052		22-SEP-16	Sanchez, Fiona M (Fiona)		17.00	07-OCT-16	17.00	Reconciled
371053		22-SEP-16	Marshall, Matt I (Matt)		91.78	03-OCT-16	91.78	Reconciled

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

371054	22-SEP-16	Wang, Peter (Peter)	194.40	30-SEP-16	194.40	Reconciled
371055	22-SEP-16	Fournier, Tanja L (Tanja)	41.89	29-SEP-16	41.89	Reconciled
371056	22-SEP-16	Tegel, Zackariah W (Zack)	80.00	11-OCT-16	80.00	Reconciled
371057	22-SEP-16	1939 PORT WEYBRIDGE PLACE	75.61			Voided
371058	22-SEP-16	AAF INTERNATIONAL	740.17	26-SEP-16	740.17	Reconciled
371059	22-SEP-16	AIR RESOURCES BOARD	620.00	29-SEP-16	620.00	Reconciled
371060	22-SEP-16	AIRGAS, INC.	111.68	26-SEP-16	111.68	Reconciled
371061	22-SEP-16	AKM CONSULTING ENGINEERS, INC.	14,770.00	28-SEP-16	14,770.00	Reconciled
371062	22-SEP-16	ALL AMERICAN SEWER TOOLS	1,155.09	26-SEP-16	1,155.09	Reconciled
371063	22-SEP-16	ALLIANT INSURANCE SERVICES, INC	2,250.00	06-OCT-16	2,250.00	Reconciled
371064	22-SEP-16	ALSALLOOM, KHALID	38.58			Negotiable
371065	22-SEP-16	ANDERSONPENNA PARTNERS, INC.	43,456.00	27-SEP-16	43,456.00	Reconciled
371066	22-SEP-16	AQUA-METRIC SALES COMPANY	27,732.21	30-SEP-16	27,732.21	Reconciled
371067	22-SEP-16	ARCADIS U.S., INC.	3,719.00	28-SEP-16	3,719.00	Reconciled
371068	22-SEP-16	ARTISAN SCREEN PROCESS	1,589.40	26-SEP-16	1,589.40	Reconciled
371069	22-SEP-16	ASHFORD, WALT	697.16	26-SEP-16	697.16	Reconciled
371070	22-SEP-16	AT&T	175.44	27-SEP-16	175.44	Reconciled
371071	22-SEP-16	AT&T	48.51	27-SEP-16	48.51	Reconciled
371072	22-SEP-16	AT&T	7,113.88	27-SEP-16	7,113.88	Reconciled
371073	22-SEP-16	ATEN TECHNOLOGY	490.41	27-SEP-16	490.41	Reconciled
371074	22-SEP-16	BADGER METER INC	51,564.61	30-SEP-16	51,564.61	Reconciled
371075	22-SEP-16	BANEY, BRENDA	117.76			Negotiable
371076	22-SEP-16	BASHIROV, NOVRUZ	50.21			Negotiable
371077	22-SEP-16	BATTERIES PLUS AND BATTERIES PLUS BULBS	887.31	26-SEP-16	887.31	Reconciled
371078	22-SEP-16	BDC SPECIAL WASTE	207.20	26-SEP-16	207.20	Reconciled
371079	22-SEP-16	BELL TOWER FLORIST & GIFTS	200.86	06-OCT-16	200.86	Reconciled
371080	22-SEP-16	BIGDELI, SARIBA	269.89			Voided
371081	22-SEP-16	BILL'S SWEEPING SERVICE INC	1,435.00	26-SEP-16	1,435.00	Reconciled
371082	22-SEP-16	BIOMAGIC INC	449.28	30-SEP-16	449.28	Reconciled
371083	22-SEP-16	BLACK & VEATCH CORPORATION	321,585.83	29-SEP-16	321,585.83	Reconciled

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 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371084		22-SEP-16	BLAIRS TOWING INC		77.00	27-SEP-16	77.00	Reconciled
371085		22-SEP-16	BORCHARD SURVEYING & MAPPING, INC.		5,180.00	05-OCT-16	5,180.00	Reconciled
371086		22-SEP-16	BROWN AND CALDWELL		8,929.51	26-SEP-16	8,929.51	Reconciled
371087		22-SEP-16	BROWN, ROY W		11.07	29-SEP-16	11.07	Reconciled
371088		22-SEP-16	BRUCE NEWELL		1,250.00	26-SEP-16	1,250.00	Reconciled
371089		22-SEP-16	BURKE, WILLIAMS & SORENSEN, LLP		11,180.00	29-SEP-16	11,180.00	Reconciled
371090		22-SEP-16	BURLINGTON SAFETY LABORATORY OF CALIFORNIA INC		566.43	26-SEP-16	566.43	Reconciled
371091		22-SEP-16	C WELLS PIPELINE MATERIALS INC		4,414.23	30-SEP-16	4,414.23	Reconciled
371092		22-SEP-16	CADIZ, DIVINA		163.19	03-OCT-16	163.19	Reconciled
371093		22-SEP-16	CALIFORNIA BARRICADE RENTAL, INC.		7,175.00	27-SEP-16	7,175.00	Reconciled
371094		22-SEP-16	CANNADAY, ROBERT		14.22			Negotiable
371095		22-SEP-16	CANON FINANCIAL SERVICES, INC		9,617.97	28-SEP-16	9,617.97	Reconciled
371096		22-SEP-16	CARDOZ, ABIGALE		26.13			Negotiable
371097		22-SEP-16	CARL WARREN & CO		1,284.32	26-SEP-16	1,284.32	Reconciled
371098		22-SEP-16	CAROLLO ENGINEERS, INC		80,758.10	06-OCT-16	80,758.10	Reconciled
371099		22-SEP-16	CASTRO, KERI JANE		40.34	28-SEP-16	40.34	Reconciled
371100		22-SEP-16	CEDENO, VICTOR		10.05	26-SEP-16	10.05	Reconciled
371101		22-SEP-16	CHAIX, TRACY		15.86	06-OCT-16	15.86	Reconciled
371102		22-SEP-16	CHAMPION, JOHN		24.57	26-SEP-16	24.57	Reconciled
371103		22-SEP-16	CHANG, BENJAMIN		12.50	07-OCT-16	12.50	Reconciled
371104		22-SEP-16	CHARLU, BALAJI		15.14			Negotiable
371105		22-SEP-16	CHAUDHARY, UZMA		15.64	11-OCT-16	15.64	Reconciled
371106		22-SEP-16	CHEN, DONNA		29.06			Negotiable
371107		22-SEP-16	CHEN, HUNG		13.95			Negotiable
371108		22-SEP-16	CHENUPATI, CHANDRA		11.60			Negotiable
371109		22-SEP-16	CHIDHAMBARAM, SETHURAMAN		10.76			Negotiable
371110		22-SEP-16	CHIRCO, MICHAEL		20.86	26-SEP-16	20.86	Reconciled
371111		22-SEP-16	CHOU, SHIN-I		15.24			Negotiable

371112	22-SEP-16	CHUNG, DAVID		13.58			Negotiable
371113	22-SEP-16	CITY OF NEWPORT BEACH		1,137.70	26-SEP-16	1,137.70	Reconciled
371114	22-SEP-16	CITY OF SANTA ANA		98.14	26-SEP-16	98.14	Reconciled
371115	22-SEP-16	CLA-VAL COMPANY		1,805.70	23-SEP-16	1,805.70	Reconciled
371116	22-SEP-16	CLARK, JOEL		31.78			Negotiable
371117	22-SEP-16	CLARKE, GREG		16.21			Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371118		22-SEP-16	CLEARWATER PIPELINE INC		63.50	27-SEP-16	63.50	Reconciled
371119		22-SEP-16	CNC ENGINEERING		1,185.00	26-SEP-16	1,185.00	Reconciled
371120		22-SEP-16	COASTLINE EQUIPMENT COMPANY		434.46	26-SEP-16	434.46	Reconciled
371121		22-SEP-16	COMPARAN, PAHDLAVY		28.19	03-OCT-16	28.19	Reconciled
371122		22-SEP-16	COMPRESSED AIR OF CALIFORNIA		769.33	27-SEP-16	769.33	Reconciled
371123		22-SEP-16	CONG, YONDONG		13.00			Negotiable
371124		22-SEP-16	CONTRERAS, MARTHA		17.94	11-OCT-16	17.94	Reconciled
371125		22-SEP-16	CORONEL, ESTEBAN		56.17	11-OCT-16	56.17	Reconciled
371126		22-SEP-16	CORTES, RICARDO		20.32			Negotiable
371127		22-SEP-16	COX COMMUNICATIONS, INC.		109.00	26-SEP-16	109.00	Reconciled
371128		22-SEP-16	COX, ALVIN		14.65			Negotiable
371129		22-SEP-16	COX, DONNA		11.55	27-SEP-16	11.55	Reconciled
371130		22-SEP-16	CREDENTIAL CHECK CORPORATION		402.44	26-SEP-16	402.44	Reconciled
371131		22-SEP-16	CUNNINGHAM, VINTON		30.46	27-SEP-16	30.46	Reconciled
371132		22-SEP-16	DATA CLEAN CORPORATION		542.00	27-SEP-16	542.00	Reconciled
371133		22-SEP-16	DAVIS, CINDY		3.07	05-OCT-16	3.07	Reconciled
371134		22-SEP-16	DAVIS, SHERMAN		12.49	03-OCT-16	12.49	Reconciled
371135		22-SEP-16	DEE JASPAR & ASSOCIATES, INC.		24,442.39	30-SEP-16	24,442.39	Reconciled
371136		22-SEP-16	DELACRUZ, DAVID		53.57	07-OCT-16	53.57	Reconciled
371137		22-SEP-16	DEVKOTA, KIRAN		23.34	26-SEP-16	23.34	Reconciled
371138		22-SEP-16	DEVOR, JAMES		11.74			Negotiable
371139		22-SEP-16	DEY, KAREN		26.38	07-OCT-16	26.38	Reconciled
371140		22-SEP-16	DIOURI, MOHCINE		14.70			Negotiable
371141		22-SEP-16	DIRECTV INC		115.98	28-SEP-16	115.98	Reconciled
371142		22-SEP-16	DIVITA BUILDERS INC		51.82	03-OCT-16	51.82	Reconciled
371143		22-SEP-16	DOBBS, RICHARD		12.92			Negotiable
371144		22-SEP-16	DONG, JINYING		44.30			Negotiable
371145		22-SEP-16	DOUG MARTIN CONTRACTING CO., INC.		570.41	07-OCT-16	570.41	Reconciled
371146		22-SEP-16	DOUG MARTIN CONTRACTING INC		830.82	07-OCT-16	830.82	Reconciled
371147		22-SEP-16	DOWNER, PAUL		11.21	30-SEP-16	11.21	Reconciled
371148		22-SEP-16	DOYLE, ANITA J		20.37			Negotiable
371149		22-SEP-16	DRIVER SPG		66.59			Negotiable
371150		22-SEP-16	DSD - HERITAGE FIELDS		2,330.00	27-SEP-16	2,330.00	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371151		22-SEP-16	DUGGAN, CHRISTA		18.92			Negotiable
371152		22-SEP-16	ECKLUND, MARIELLE		16.44			Negotiable
371153		22-SEP-16	EHS INTERNATIONAL, INC		1,620.00	26-SEP-16	1,620.00	Reconciled
371154		22-SEP-16	ELECTRABOND		13,535.00	04-OCT-16	13,535.00	Reconciled
371155		22-SEP-16	ELECTRICAL RELIABILITY SERVICES INC		1,814.00	27-SEP-16	1,814.00	Reconciled
371156		22-SEP-16	ENGLISH TECHNICAL SALES		12.40	07-OCT-16	12.40	Reconciled
371157		22-SEP-16	EQUISTAR IRVINE CO		40.63	28-SEP-16	40.63	Reconciled
371158		22-SEP-16	ESCOBAR, JEFFREY		11.56	29-SEP-16	11.56	Reconciled
371159		22-SEP-16	EXTTI , INCORPORATED		11,287.50	29-SEP-16	11,287.50	Reconciled
371160		22-SEP-16	EYRA, ANGELA		10.23			Negotiable
371161		22-SEP-16	FANN, TAMMI		49.33	04-OCT-16	49.33	Reconciled
371162		22-SEP-16	FARRELL & ASSOCIATES		235.82	26-SEP-16	235.82	Reconciled
371163		22-SEP-16	FEDEX		542.18	27-SEP-16	542.18	Reconciled
371164		22-SEP-16	FELTON, MELVIN		21.24	28-SEP-16	21.24	Reconciled

371165	22-SEP-16	FENG, GUFENG		50.01				Negotiable
371166	22-SEP-16	FERGUSON ENTERPRISES, INC.		3,132.00	26-SEP-16		3,132.00	Reconciled
371167	22-SEP-16	FERNANDEZ, ROBERT		18.02				Negotiable
371168	22-SEP-16	FERNANDO M SANCHEZ		160.00	29-SEP-16		160.00	Reconciled
371169	22-SEP-16	FERNANDO, LEONILA		19.99	29-SEP-16		19.99	Reconciled
371170	22-SEP-16	FERRICK, DANA		45.22	26-SEP-16		45.22	Reconciled
371171	22-SEP-16	FIRE EXTINGUISHING SAFETY & SERVICE		553.57	30-SEP-16		553.57	Reconciled
371172	22-SEP-16	FIRST CHOICE SERVICES		1,300.48	26-SEP-16		1,300.48	Reconciled
371173	22-SEP-16	FISERV		16,699.62	27-SEP-16		16,699.62	Reconciled
371174	22-SEP-16	FISH, GISELLE		19.11				Negotiable
371175	22-SEP-16	FISHER SCIENTIFIC COMPANY LLC		1,875.37	23-SEP-16		1,875.37	Reconciled
371176	22-SEP-16	FLOWERS, TAMARA		18.95				Negotiable
371177	22-SEP-16	FLW, INC.		792.18	23-SEP-16		792.18	Reconciled
371178	22-SEP-16	FORESTRY SUPPLIERS INC		272.50	27-SEP-16		272.50	Reconciled
371179	22-SEP-16	FORMAN, DONALD		28.30				Negotiable
371180	22-SEP-16	FORSYTHE, LISA		34.91	06-OCT-16		34.91	Reconciled
371181	22-SEP-16	FORTIN, GRACE		14.09				Negotiable
371182	22-SEP-16	FOSSUN, SANDRA		17.19	04-OCT-16		17.19	Reconciled
371183	22-SEP-16	FRONTIER CALIFORNIA INC.		580.05	26-SEP-16		580.05	Reconciled
371184	22-SEP-16	GADHIYA, MANOJ		26.06				Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371185		22-SEP-16	GANAHL LUMBER CO.		864.36	28-SEP-16	864.36	Reconciled
371186		22-SEP-16	GARCIA, RALPH		11.13			Negotiable
371187		22-SEP-16	GARRETT, SCOTT		26.20	26-SEP-16	26.20	Reconciled
371188		22-SEP-16	GENERAL ELECTRIC INTERNATIONAL INC		2,500.00			Negotiable
371189		22-SEP-16	GENERAL PUMP COMPANY INC		137,749.76	11-OCT-16	137,749.76	Reconciled
371190		22-SEP-16	GOLD, RONALD W		27.25	28-SEP-16	27.25	Reconciled
371191		22-SEP-16	GONZALEZ, ELIZABETH		16.46			Negotiable
371192		22-SEP-16	GOODALL, HEATHER		20.95	23-SEP-16	20.95	Reconciled
371193		22-SEP-16	GOOLSBY, KIMBERLY		14.34	27-SEP-16	14.34	Reconciled
371194		22-SEP-16	GRACE CITY FREE WILL BAPTIST CHURCH		1,390.14	11-OCT-16	1,390.14	Reconciled
371195		22-SEP-16	GRAEF, JAYNE		10.41	29-SEP-16	10.41	Reconciled
371196		22-SEP-16	GRAHN, MIKE		12.11	27-SEP-16	12.11	Reconciled
371197		22-SEP-16	GRAINGER		4,432.80	26-SEP-16	4,432.80	Reconciled
371198		22-SEP-16	GREEN, JEFFREY		44.43	03-OCT-16	44.43	Reconciled
371199		22-SEP-16	GREENBAUM, MARTIN		13.40	12-OCT-16	13.40	Reconciled
371200		22-SEP-16	GUITERREZ, EUGENIA		14.99	27-SEP-16	14.99	Reconciled
371201		22-SEP-16	GUO, KIANJIE		16.35	27-SEP-16	16.35	Reconciled
371202		22-SEP-16	GUTKE, STEVE		25.52	28-SEP-16	25.52	Reconciled
371203		22-SEP-16	HACH COMPANY		9,124.81	28-SEP-16	9,124.81	Reconciled
371204		22-SEP-16	HAGGINS, CASSANDRA		12.44			Negotiable
371205		22-SEP-16	HAN, CHONG		13.02	12-OCT-16	13.02	Reconciled
371206		22-SEP-16	HANLON, MARLENE S E		18.16	26-SEP-16	18.16	Reconciled
371207		22-SEP-16	HARDY, DAVID E		23.65	03-OCT-16	23.65	Reconciled
371208		22-SEP-16	HARMAN, CYNTHIA		18.50			Negotiable
371209		22-SEP-16	HARMON, RAY		17.16			Negotiable
371210		22-SEP-16	HARRINGTON INDUSTRIAL PLASTICS LLC		678.24	26-SEP-16	678.24	Reconciled
371211		22-SEP-16	HARTFORD LIFE INSURANCE COMPANY		26,769.89	03-OCT-16	26,769.89	Reconciled
371212		22-SEP-16	HASSAN, KOWSAR		11.14			Negotiable
371213		22-SEP-16	HAZEN AND SAWYER		14,975.00			Negotiable
371214		22-SEP-16	HBI CONSTRUCTION INC		34.10	03-OCT-16	34.10	Reconciled
371215		22-SEP-16	HDR ENGINEERING INC		15,193.69	29-SEP-16	15,193.69	Reconciled
371216		22-SEP-16	HE, SHEN		20.23			Negotiable
371217		22-SEP-16	HEALTH SCIENCE ASSOCIATES, INC.		7,484.00	05-OCT-16	7,484.00	Reconciled
371218		22-SEP-16	HELMS, ANNETTE		13.15			Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371219		22-SEP-16	HELPMATES STAFFING		5,185.92	23-SEP-16	5,185.92	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
SERVICES								
371220	22-SEP-16		HINSILBLON LTD		1,325.00	04-OCT-16	1,325.00	Reconciled
371221	22-SEP-16		HIROMASA, AMI		24.66			Negotiable
371222	22-SEP-16		HIS, INC.		36.11			Negotiable
371223	22-SEP-16		HODGSON, RON		14.04	27-SEP-16	14.04	Reconciled
371224	22-SEP-16		HOFF, ROBIN		15.58	03-OCT-16	15.58	Reconciled
371225	22-SEP-16		HOME DEPOT USA INC		220.84	29-SEP-16	220.84	Reconciled
371226	22-SEP-16		HONG, KYUNGHA		10.03			Negotiable
371227	22-SEP-16		HOUSER, MARIA		11.74			Negotiable
371228	22-SEP-16		HSU, PING-PING C		53.43	03-OCT-16	53.43	Reconciled
371229	22-SEP-16		HU, XIAOQUIN		22.87	28-SEP-16	22.87	Reconciled
371230	22-SEP-16		HUDSON, KENNETH		19.90			Negotiable
371231	22-SEP-16		HURRAY, MARK		21.58	11-OCT-16	21.58	Reconciled
371232	22-SEP-16		IBM CORPORATION		3,821.00	26-SEP-16	3,821.00	Reconciled
371233	22-SEP-16		IDEXX		1,152.91	26-SEP-16	1,152.91	Reconciled
DISTRIBUTION, INC								
371234	22-SEP-16		IMBO, MELANIE		111.73			Negotiable
371235	22-SEP-16		INDUSTRIAL METAL SUPPLY CO		287.80	26-SEP-16	287.80	Reconciled
INIGUEZ, DANNY								
371236	22-SEP-16		INTERNATIONAL TRAINING & REHAB TECHNOLOGIES, INC.		13.75			Negotiable
371237	22-SEP-16		INVESTMENT DATA SYSTEM, INC		5,700.00	26-SEP-16	5,700.00	Reconciled
IRVINE PACIFIC								
371239	22-SEP-16		IRVINE PIPE & SUPPLY INC		10.54	26-SEP-16	10.54	Reconciled
371240	22-SEP-16		IRWD-PETTY CASH CUSTODIAN		1,932.34	23-SEP-16	1,932.34	Reconciled
371241	22-SEP-16		JACKSON, JERRY		1,001.82	26-SEP-16	1,001.82	Reconciled
371242	22-SEP-16		JACKSON, KATHY		37.31			Negotiable
371243	22-SEP-16		JACOBS PROJECT MANAGEMENT CO.		18.49			Negotiable
371244	22-SEP-16		JAFARI, NILOUFAR		51,680.00	29-SEP-16	51,680.00	Reconciled
371245	22-SEP-16		JAVIER, CATHERINE		23.27			Negotiable
371246	22-SEP-16		JB BOSTICK COMPANY, INC		19.72	29-SEP-16	19.72	Reconciled
371247	22-SEP-16		JNB CHAMBERS INVESTMENTS, LLC		724.76	26-SEP-16	724.76	Reconciled
371248	22-SEP-16		JONGHWAN SUH		130.29	29-SEP-16	130.29	Reconciled
371249	22-SEP-16		JUNG, HUISEUNG		59.24			Negotiable
371250	22-SEP-16		KATZLER, SHANNON		12.80			Negotiable
371251	22-SEP-16		KAYUGA SOLUTION INC		196.01	03-OCT-16	196.01	Reconciled
371252	22-SEP-16				35,740.00	29-SEP-16	35,740.00	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371253	22-SEP-16		KILL-N-BUGS TERMITES AND PEST CONTROL SERVICES		400.00	26-SEP-16	400.00	Reconciled
371254	22-SEP-16		KIM, LAURA		93.60	06-OCT-16	93.60	Reconciled
371255	22-SEP-16		KLEINFELDER, INC.		28,654.25	29-SEP-16	28,654.25	Reconciled
371256	22-SEP-16		LANDCARE HOLDINGS, INC.		36,676.07	29-SEP-16	36,676.07	Reconciled
371257	22-SEP-16		LU'S LIGHTHOUSE, INC.		1,001.68	27-SEP-16	1,001.68	Reconciled
371258	22-SEP-16		MBC APPLIED ENVIRONMENTAL SCIENCES		2,600.00	23-SEP-16	2,600.00	Reconciled
371259	22-SEP-16		MC FADDEN-DALE INDUSTRIAL		401.64	23-SEP-16	401.64	Reconciled
371260	22-SEP-16		MC MASTER CARR SUPPLY CO		485.85	26-SEP-16	485.85	Reconciled
371261	22-SEP-16		MC MASTER CARR SUPPLY CO		19.42	26-SEP-16	19.42	Reconciled
371262	22-SEP-16		MICHAEL BAKER INTERNATIONAL, INC.		6,412.72	26-SEP-16	6,412.72	Reconciled
371263	22-SEP-16		MOBILE MODULAR MANAGEMENT CORPORATION		1,020.60	26-SEP-16	1,020.60	Reconciled
371264	22-SEP-16		MSC INDUSTRIAL SUPPLY CO		14.37	28-SEP-16	14.37	Reconciled
371265	22-SEP-16		NATIONAL READY MIXED CONCRETE CO.		1,154.00	26-SEP-16	1,154.00	Reconciled
371266	22-SEP-16		NCH CORPORATION		665.09	27-SEP-16	665.09	Reconciled
371267	22-SEP-16		NEWPORT BEACH CHAMBER OF COMMERCE		1,400.00	30-SEP-16	1,400.00	Reconciled
371268	22-SEP-16		NIEMANN, JANIS		30.90	30-SEP-16	30.90	Reconciled
371269	22-SEP-16		NINYO & MOORE		18,767.50	28-SEP-16	18,767.50	Reconciled
371270	22-SEP-16		NOBLE, BREECHLYN		165.00	26-SEP-16	165.00	Reconciled
371271	22-SEP-16		NOSSAMAN LLP		7,536.70	26-SEP-16	7,536.70	Reconciled
371272	22-SEP-16		ODEGAARD, ANDREW		50.00	03-OCT-16	50.00	Reconciled
371273	22-SEP-16		OLIN CORPORATION		11,303.10	29-SEP-16	11,303.10	Reconciled
371274	22-SEP-16		ORANGE COUNTY AUTO		376.61	23-SEP-16	376.61	Reconciled

371275	22-SEP-16	PARTS CO ORANGE COUNTY SANITATION DISTRICT	4,710.00	23-SEP-16	4,710.00	Reconciled
371276	22-SEP-16	PACIFIC COAST BOLT CORP	1,392.15	27-SEP-16	1,392.15	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371277		22-SEP-16	PACIFIC COAST MAGIC		13.77			Negotiable
371278		22-SEP-16	PACIFIC PARTY RENTAL		788.00	03-OCT-16	788.00	Reconciled
371279		22-SEP-16	PAULUS ENGINEERING INC		165,778.04	27-SEP-16	165,778.04	Reconciled
371280		22-SEP-16	PINNACLE TOWERS LLC		666.04	26-SEP-16	666.04	Reconciled
371281		22-SEP-16	PRAXAIR DISTRIBUTION INC		420.33	28-SEP-16	420.33	Reconciled
371282		22-SEP-16	PROCARE WORK INJURY CENTER		3,935.75	28-SEP-16	3,935.75	Reconciled
371283		22-SEP-16	PROCESS EQUIPMENT COMPANY		4,145.80	28-SEP-16	4,145.80	Reconciled
371284		22-SEP-16	R & S SOIL PRODUCTS INC		842.40	05-OCT-16	842.40	Reconciled
371285		22-SEP-16	R&B AUTOMATION, INC.		3,396.22	26-SEP-16	3,396.22	Reconciled
371286		22-SEP-16	RASOULI, MARGARET		1,193.89	03-OCT-16	1,193.89	Reconciled
371287		22-SEP-16	REACH EMPLOYEE ASSISTANCE INC		943.60	05-OCT-16	943.60	Reconciled
371288		22-SEP-16	REED, CHARLOTTE		92.25	28-SEP-16	92.25	Reconciled
371289		22-SEP-16	REGENTS OF THE UNIVERSITY OF CALIFORNIA		700.00	05-OCT-16	700.00	Reconciled
371290		22-SEP-16	RESILIENT COMMUNICATIONS INC.		3,693.60			Negotiable
371291		22-SEP-16	RMC WATER AND ENVIRONMENT		3,741.75	26-SEP-16	3,741.75	Reconciled
371292		22-SEP-16	ROBERT HALF INTERNATIONAL, INC.		4,376.67	26-SEP-16	4,376.67	Reconciled
371293		22-SEP-16	SAISAMORN BOONTHAE		2,785.95	23-SEP-16	2,785.95	Reconciled
371294		22-SEP-16	SANTA ANA BLUE PRINT		4,043.11	26-SEP-16	4,043.11	Reconciled
371295		22-SEP-16	SHAMROCK SUPPLY CO INC		1,114.79	26-SEP-16	1,114.79	Reconciled
371296		22-SEP-16	SHERWIN WILLIAMS COMPANY		269.57	28-SEP-16	269.57	Reconciled
371297		22-SEP-16	SITEONE LANDSCAPE SUPPLY, LLC		3,846.85	27-SEP-16	3,846.85	Reconciled
371298		22-SEP-16	SMITH, LINDA C		51.44	26-SEP-16	51.44	Reconciled
371299		22-SEP-16	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT		1,188.93	04-OCT-16	1,188.93	Reconciled

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Payment Document : IRWD CHECK								
371300		22-SEP-16	SOUTH COAST WATER CO.		75.00	29-SEP-16	75.00	Reconciled
371301		22-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		15.85	23-SEP-16	15.85	Reconciled
371302		22-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		325,410.68	23-SEP-16	325,410.68	Reconciled
371303		22-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		2,442.68	23-SEP-16	2,442.68	Reconciled
371304		22-SEP-16	SOUTHERN COUNTIES LUBRICANTS LLC		1,538.63	26-SEP-16	1,538.63	Reconciled
371305		22-SEP-16	STANTEC CONSULTING SERVICES INC.		16,540.02	29-SEP-16	16,540.02	Reconciled
371306		22-SEP-16	STATE BOARD OF EQUALIZATION		1,666.00	28-SEP-16	1,666.00	Reconciled
371307		22-SEP-16	STEVEN F. ALBRECHT		4,614.48	26-SEP-16	4,614.48	Reconciled
371308		22-SEP-16	SUEZ TREATMENT SOLUTIONS INC.		4,563.89	26-SEP-16	4,563.89	Reconciled
371309		22-SEP-16	SYN-TECH SYSTEMS		1,495.00	26-SEP-16	1,495.00	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
			INC					
371310	22-SEP-16	TALLEY INC			453.61	26-SEP-16	453.61	Reconciled
371311	22-SEP-16	THE GAS COMPANY			4,106.11	26-SEP-16	4,106.11	Reconciled
371312	22-SEP-16	THE HELLAN STRAINER COMPANY			6,070.00	26-SEP-16	6,070.00	Reconciled
371313	22-SEP-16	THOMAS HARDER & CO			17,562.50	28-SEP-16	17,562.50	Reconciled
371314	22-SEP-16	THOMPSON INDUSTRIAL SUPPLY			357.90	27-SEP-16	357.90	Reconciled
371315	22-SEP-16	TIC-SPECTRUM OFFICE			1,653.76	05-OCT-16	1,653.76	Reconciled
371316	22-SEP-16	TOXGUARD FLUID TECHNOLOGIES			168.50	29-SEP-16	168.50	Reconciled
371317	22-SEP-16	TROPICAL PLAZA NURSERY INC			2,948.65	23-SEP-16	2,948.65	Reconciled
371318	22-SEP-16	TRUCPARCO			2,406.28	03-OCT-16	2,406.28	Reconciled
371319	22-SEP-16	UNITED SITE SERVICES OF CALIFORNIA INC			152.31	29-SEP-16	152.31	Reconciled
371320	22-SEP-16	USA BLUEBOOK			430.70	27-SEP-16	430.70	Reconciled
371321	22-SEP-16	VAN DYKE SPREADERS, INC.			299.00			Voided
371322	22-SEP-16	VCS ENVIRONMENTAL			591.25	23-SEP-16	591.25	Reconciled
371323	22-SEP-16	VEGA AMERICAS, INC			8,185.32	26-SEP-16	8,185.32	Reconciled
371324	22-SEP-16	VONDUERING, REBECCA			113.12	05-OCT-16	113.12	Reconciled

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371325	22-SEP-16	VWR INTERNATIONAL, LLC			686.68	26-SEP-16	686.68	Reconciled
371326	22-SEP-16	W.M. LYLES CO			1,205,889.59	28-SEP-16	1,205,889.59	Reconciled
371327	22-SEP-16	W.M. LYLES CO			63,467.88	28-SEP-16	63,467.88	Reconciled
371328	22-SEP-16	WALTERS WHOLESALE ELECTRIC			1,641.60	27-SEP-16	1,641.60	Reconciled
371329	22-SEP-16	WARE MALCOMB			61,325.95	23-SEP-16	61,325.95	Reconciled
371330	22-SEP-16	WATERLINE TECHNOLOGIES INC			1,383.00	23-SEP-16	1,383.00	Reconciled
371331	22-SEP-16	WATERSMART SOFTWARE, INC			17,975.00	29-SEP-16	17,975.00	Reconciled
371332	22-SEP-16	WAXIE'S ENTERPRISES, INC			2,291.13	26-SEP-16	2,291.13	Reconciled
371333	22-SEP-16	WEAZER, GAIL			7.91	04-OCT-16	7.91	Reconciled
371334	22-SEP-16	WEST COAST SAND & GRAVEL INC.			582.65	26-SEP-16	582.65	Reconciled
371335	22-SEP-16	WESTERN AV			23,515.48	27-SEP-16	23,515.48	Reconciled
371336	22-SEP-16	WESTERN EXTERMINATOR COMPANY			11,125.50	06-OCT-16	11,125.50	Reconciled
371337	22-SEP-16	WIRELESS WATCHDOGS, LLC			512.00	27-SEP-16	512.00	Reconciled
371338	22-SEP-16	ZEE MEDICAL SERVICE CO			241.87	23-SEP-16	241.87	Reconciled
371339	26-SEP-16	COUNTY OF ORANGE	CLERK RECORDER		50.00			Negotiable
371340	26-SEP-16	CITY OF LAKE FOREST	25550 COMMERCEN		30,274.74	30-SEP-16	30,274.74	Reconciled
371341	26-SEP-16	SESSIONS & KIMBALL	MISSION LLP		50,000.00	30-SEP-16	50,000.00	Reconciled
371342	26-SEP-16	VAZIRNIA, SOHA	IRVINE		150,000.00			Negotiable
371343	26-SEP-16	VAZIRNIA, SOHA	IRVINE		25,000.00			Negotiable
371344	27-SEP-16	JCI JONES	CINCINNATI		4,404.40	03-OCT-16	4,404.40	Reconciled
371345	27-SEP-16	CHEMICALS INC	CINCINNATI		5,505.50	03-OCT-16	5,505.50	Reconciled
371346	29-SEP-16	Murphy, Alexander J (Alexander)			60.00	03-OCT-16	60.00	Reconciled
371347	29-SEP-16	Rutherford, Allan			2,687.44	30-SEP-16	2,687.44	Reconciled
371348	29-SEP-16	Lam, Chau B			11.88			Negotiable
371349	29-SEP-16	Rock, Douglas T (Douglas)			70.98	07-OCT-16	70.98	Reconciled
371350	29-SEP-16	Garcia, Jose			107.99	05-OCT-16	107.99	Reconciled
371351	29-SEP-16	Martinez, Jose A IV (Jose)			55.69	12-OCT-16	55.69	Reconciled
371352	29-SEP-16	Swan, Peer			251.59	07-OCT-16	251.59	Reconciled

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371353	29-SEP-16	Fournier, Tanja L (Tanja)			2,275.85	29-SEP-16	2,275.85	Reconciled

371354	29-SEP-16	AIR RESOURCES BOARD	620.00	03-OCT-16	620.00	Reconciled
371355	29-SEP-16	AIRGAS, INC.	711.01	03-OCT-16	711.01	Reconciled
371356	29-SEP-16	ALL STAR GLASS	462.92	03-OCT-16	462.92	Reconciled
371357	29-SEP-16	ALPHA TRAFFIC SERVICES, INC.	1,140.00	11-OCT-16	1,140.00	Reconciled
371358	29-SEP-16	ALTA NURSERY, INC.	663.36	11-OCT-16	663.36	Reconciled
371359	29-SEP-16	AMERICAN GEOTECHNICAL, INC.	3,340.00	03-OCT-16	3,340.00	Reconciled
371360	29-SEP-16	AMERICAN TRAINING RESOURCES, INC	1,069.20	03-OCT-16	1,069.20	Reconciled
371361	29-SEP-16	AMERICAN WATER CHEMICALS, INC.	11,256.00	06-OCT-16	11,256.00	Reconciled
371362	29-SEP-16	ANDERSON, RICHARD	47.40			Negotiable
371363	29-SEP-16	ANTHONY N. LARSEN	400.00	03-OCT-16	400.00	Reconciled
371364	29-SEP-16	APPLIED INDUSTRIAL TECHNOLOGIES - CA LLC	209.76	03-OCT-16	209.76	Reconciled
371365	29-SEP-16	AQUA-METRIC SALES COMPANY	23,236.63	05-OCT-16	23,236.63	Reconciled
371366	29-SEP-16	ARCADIS U.S., INC.	7,535.89	03-OCT-16	7,535.89	Reconciled
371367	29-SEP-16	AT&T	249.06	04-OCT-16	249.06	Reconciled
371368	29-SEP-16	AUTOZONE PARTS, INC.	126.83	05-OCT-16	126.83	Reconciled
371369	29-SEP-16	BATTERIES PLUS AND BATTERIES PLUS BULBS	1,354.86	04-OCT-16	1,354.86	Reconciled
371370	29-SEP-16	BAY AREA TRENCHERS, INC.	203.94	03-OCT-16	203.94	Reconciled
371371	29-SEP-16	BORDEAUX, BRIANNA	17.97	03-OCT-16	17.97	Reconciled
371372	29-SEP-16	BOYD & ASSOCIATES	2,319.00	04-OCT-16	2,319.00	Reconciled
371373	29-SEP-16	BRENNTAG PACIFIC INC	2,300.00	03-OCT-16	2,300.00	Reconciled
371374	29-SEP-16	BRITHINEE ELECTRIC	5,868.92	03-OCT-16	5,868.92	Reconciled
371375	29-SEP-16	BUTLER BOX & STAKE INC	914.00	04-OCT-16	914.00	Reconciled
371376	29-SEP-16	C WELLS PIPELINE MATERIALS INC	2,891.70	06-OCT-16	2,891.70	Reconciled
371377	29-SEP-16	CALIFORNIA BARRICADE RENTAL, INC.	6,662.50	04-OCT-16	6,662.50	Reconciled
371378	29-SEP-16	CANON SOLUTIONS AMERICA, INC.	407.01	03-OCT-16	407.01	Reconciled

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Payment Document : IRWD CHECK								
371379		29-SEP-16	CHARLES P CROWLEY COMPANY INC		2,219.52	12-OCT-16	2,219.52	Reconciled
371380		29-SEP-16	CHEM TECH INTERNATIONAL INC		5,068.80			Negotiable
371381		29-SEP-16	CITY OF IRVINE		6,120.21			Negotiable
371382		29-SEP-16	CLEARINGHOUSE		477.67	04-OCT-16	477.67	Reconciled
371383		29-SEP-16	COLONIAL LIFE & ACCIDENT INSURANCE CO.		1,709.40	05-OCT-16	1,709.40	Reconciled
371384		29-SEP-16	COMMERCE ENERGY INC		36.60	03-OCT-16	36.60	Reconciled
371385		29-SEP-16	COMMERCIAL COATING RESOURCE INC		3,820.00	04-OCT-16	3,820.00	Reconciled
371386		29-SEP-16	COMPRESSED AIR OF CALIFORNIA		85.95	03-OCT-16	85.95	Reconciled
371387		29-SEP-16	CONTROLLED KEY SYSTEMS INC		2,066.01	05-OCT-16	2,066.01	Reconciled
371388		29-SEP-16	COX COMMUNICATIONS, INC.		3,383.88	04-OCT-16	3,383.88	Reconciled
371389		29-SEP-16	DANGELO CO		4,881.60	03-OCT-16	4,881.60	Reconciled
371390		29-SEP-16	DATAZEO, INC.		2,170.00	03-OCT-16	2,170.00	Reconciled
371391		29-SEP-16	DIRECTV INC		113.55	05-OCT-16	113.55	Reconciled
371392		29-SEP-16	DRAEGER, INC.		2,315.38	03-OCT-16	2,315.38	Reconciled
371393		29-SEP-16	EAST ORANGE COUNTY WATER DISTRICT		3,344.11	11-OCT-16	3,344.11	Reconciled
371394		29-SEP-16	ELECTRO-CHEMICAL DEVICES, INC.		4,831.00	04-OCT-16	4,831.00	Reconciled
371395		29-SEP-16	ENVIRONMENTAL EXPRESS INC		7,081.07	03-OCT-16	7,081.07	Reconciled
371396		29-SEP-16	EXCHANGE CLUB OF IRVINE		500.00			Negotiable
371397		29-SEP-16	EXECUTIVE LIGHTING & ELECTRIC		1,518.17	04-OCT-16	1,518.17	Reconciled
371398		29-SEP-16	FARRELL & ASSOCIATES		515.04	04-OCT-16	515.04	Reconciled
371399		29-SEP-16	FEDEX		746.45	03-OCT-16	746.45	Reconciled
371400		29-SEP-16	FISERV		290.75	03-OCT-16	290.75	Reconciled
371401		29-SEP-16	FISHER SCIENTIFIC COMPANY LLC		3,988.44	03-OCT-16	3,988.44	Reconciled
371402		29-SEP-16	FLOTECH, INC.		981.21	03-OCT-16	981.21	Reconciled

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
371403		29-SEP-16	FOOTHILL/EASTERN TRANSPORTATION		4,650.00	07-OCT-16	4,650.00	Reconciled
371404		29-SEP-16	FRONTIER CALIFORNIA INC.		271.92	03-OCT-16	271.92	Reconciled
371405		29-SEP-16	GANAHL LUMBER CO.		4,659.29	07-OCT-16	4,659.29	Reconciled
IRWD Ledger								
BANK: Bank of America N.A. Branch : Los Angeles					Payment Register For 01-SEP-16 To 30-SEP-16		Report Date: 13-OCT-2016 12:34	
Bank Account Currency: USD (US Dollar)					Account: Checking AP and PR		Page: 38	
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								
371406		29-SEP-16	GEORGE HILLS COMPANY, INC.		1,250.00	11-OCT-16	1,250.00	Reconciled
371407		29-SEP-16	GM SAGER CONSTRUCTION CO, INC.		162,792.00	05-OCT-16	162,792.00	Reconciled
371408		29-SEP-16	GRAINGER		2,746.91	03-OCT-16	2,746.91	Reconciled
371409		29-SEP-16	HACH COMPANY		2,673.41	03-OCT-16	2,673.41	Reconciled
371410		29-SEP-16	HARRIS & ASSOCIATES, INC.		1,980.00	03-OCT-16	1,980.00	Reconciled
371411		29-SEP-16	HARTFORD LIFE AND ACCIDENT INSURANCE COMPANY		168.72	03-OCT-16	168.72	Reconciled
371412		29-SEP-16	HDR ENGINEERING INC		148,726.55	06-OCT-16	148,726.55	Reconciled
371413		29-SEP-16	HEALTH SCIENCE ASSOCIATES, INC.		1,309.50	05-OCT-16	1,309.50	Reconciled
371414		29-SEP-16	HELP/SYSTEMS, LLC		2,381.00	03-OCT-16	2,381.00	Reconciled
371415		29-SEP-16	HELPMATES STAFFING SERVICES		7,674.55	03-OCT-16	7,674.55	Reconciled
371416		29-SEP-16	HERITAGE FIELDS EL TORO, LLC		197.40	05-OCT-16	197.40	Reconciled
371417		29-SEP-16	HILL BROTHERS CHEMICAL COMPANY		8,142.95	04-OCT-16	8,142.95	Reconciled
371418		29-SEP-16	HILLEBRECHT, WARREN K		442.48	05-OCT-16	442.48	Reconciled
371419		29-SEP-16	HOBAN, VICKI		19.33	04-OCT-16	19.33	Reconciled
371420		29-SEP-16	HOFFERT, PHILLIP		15.44	03-OCT-16	15.44	Reconciled
371421		29-SEP-16	HOME DEPOT USA INC		462.08	05-OCT-16	462.08	Reconciled
371422		29-SEP-16	HORIZON TECHNOLOGY INC		40.29	03-OCT-16	40.29	Reconciled
371423		29-SEP-16	IMAGEMASTER LLC		5,502.62	03-OCT-16	5,502.62	Reconciled
371424		29-SEP-16	INDUSTRIAL ELECTRIC MACHINERY LLC		770.12	05-OCT-16	770.12	Reconciled
371425		29-SEP-16	IRVINE PIPE & SUPPLY INC		1,827.76	03-OCT-16	1,827.76	Reconciled
371426		29-SEP-16	IRWD		100.00			Negotiable
371427		29-SEP-16	IRWD EMPLOYEE ASSOCIATION		840.00			Negotiable
371428		29-SEP-16	KEC ENGINEERING		171.74	11-OCT-16	171.74	Reconciled
371429		29-SEP-16	KEIMACH, JEFF A		10.07	12-OCT-16	10.07	Reconciled
371430		29-SEP-16	KELLIHER, MICHAEL		150.00	03-OCT-16	150.00	Reconciled
371431		29-SEP-16	KILL-N-BUGS TERMITE AND PEST CONTROL SERVICES		325.00	03-OCT-16	325.00	Reconciled
371432		29-SEP-16	KIM, HANNAH		14.02	04-OCT-16	14.02	Reconciled
IRWD Ledger								
BANK: Bank of America N.A. Branch : Los Angeles					Payment Register For 01-SEP-16 To 30-SEP-16		Report Date: 13-OCT-2016 12:34	
Bank Account Currency: USD (US Dollar)					Account: Checking AP and PR		Page: 39	
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								
371433		29-SEP-16	KIM, YOUNGOK		10.05	03-OCT-16	10.05	Reconciled
371434		29-SEP-16	KINGSTON KOHR		26.27			Negotiable
371435		29-SEP-16	KIRKSEY, SEAN		23.02			Negotiable
371436		29-SEP-16	KITE, AMY		23.09			Negotiable
371437		29-SEP-16	KLEINFELDER, INC.		2,495.12	04-OCT-16	2,495.12	Reconciled
371438		29-SEP-16	KNUDSON, SUSAN E		20.34	11-OCT-16	20.34	Reconciled
371439		29-SEP-16	KO, YOUNGSIG		26.00			Negotiable
371440		29-SEP-16	KOLLESOFF, PAUL		14.24			Negotiable
371441		29-SEP-16	KONECRANES INC		1,191.80	03-OCT-16	1,191.80	Reconciled
371442		29-SEP-16	KPMG LLP		214,435.00	30-SEP-16	214,435.00	Reconciled
371443		29-SEP-16	KRISHAN, RACHNA		12.24			Negotiable
371444		29-SEP-16	KWITOSKI, STEPHEN A		10.53			Negotiable
371445		29-SEP-16	LA HABRA FENCE COMPANY INC		983.00	04-OCT-16	983.00	Reconciled
371446		29-SEP-16	LAKE PARK HOMEOWNERS ASSOCIATION		631.49			Negotiable
371447		29-SEP-16	LAMEIJER, KLAAS		147.09	03-OCT-16	147.09	Reconciled
371448		29-SEP-16	LAWRENCE, SEUNG YEON		19.18			Negotiable
371449		29-SEP-16	LECAL, MOHAMMED		74.37			Negotiable

371450	29-SEP-16	LEE, JUCHON	11.86	11-OCT-16	11.86	Reconciled
371451	29-SEP-16	LEE, JUDY	13.57			Negotiable
371452	29-SEP-16	LENNAR HOMES	17.41	04-OCT-16	17.41	Reconciled
371453	29-SEP-16	LEWIS BRISBOIS BISGAARD AND SMITH, LLP	2,338.25	06-OCT-16	2,338.25	Reconciled
371454	29-SEP-16	LI, WEI	12.17	03-OCT-16	12.17	Reconciled
371455	29-SEP-16	LIGHTING RESOURCES, LLC	14,379.20	05-OCT-16	14,379.20	Reconciled
371456	29-SEP-16	LIN, JOHN	14.28			Negotiable
371457	29-SEP-16	LIN, MIN	12.20			Negotiable
371458	29-SEP-16	LIN, SHANSHAN	18.04	03-OCT-16	18.04	Reconciled
371459	29-SEP-16	LIN, SHAWN	19.53			Negotiable
371460	29-SEP-16	LINKEDIN CORPORATION	6,131.25	03-OCT-16	6,131.25	Reconciled
371461	29-SEP-16	LITTLEJOHN-REULAND CORPORATION	6,120.33	05-OCT-16	6,120.33	Reconciled
371462	29-SEP-16	LIU, STEVEN	21.76	11-OCT-16	21.76	Reconciled
371463	29-SEP-16	LOCKEN, STEVEN	41.40	04-OCT-16	41.40	Reconciled
371464	29-SEP-16	LORENZ, SHIRLEY A	40.88	04-OCT-16	40.88	Reconciled
371465	29-SEP-16	LUCIA, ANTHONY	14.41	04-OCT-16	14.41	Reconciled
371466	29-SEP-16	LYNCH, LYNDSAY	14.99	11-OCT-16	14.99	Reconciled
371467	29-SEP-16	MADONNA, WILLIAM	10.04			Negotiable
371468	29-SEP-16	MANNING, BARBARA	15.24			Negotiable

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Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371469		29-SEP-16	MARVIN GARDENS LLC		2,727.35	29-SEP-16	2,727.35	Reconciled
371470		29-SEP-16	MC MASTER CARR SUPPLY CO		1,413.59	03-OCT-16	1,413.59	Reconciled
371471		29-SEP-16	MCHEUGH, ERIC		10.74			Negotiable
371472		29-SEP-16	MEDIAVALET INC.		12,000.00			Negotiable
371473		29-SEP-16	MILLER, JAMES		10.19	03-OCT-16	10.19	Reconciled
371474		29-SEP-16	MORRISROE, EDWARD		223.28	03-OCT-16	223.28	Reconciled
371475		29-SEP-16	MUNICIPAL WATER DISTRICT OF ORANGE COUNTY		246,061.00	04-OCT-16	246,061.00	Reconciled
371476		29-SEP-16	MUTUAL PROPANE		151.68	04-OCT-16	151.68	Reconciled
371477		29-SEP-16	NAGHSHINEH, SATAR		10.46			Negotiable
371478		29-SEP-16	NAINCA, SAM K		12.49			Negotiable
371479		29-SEP-16	NATIONAL READY MIXED CONCRETE CO.		939.80	03-OCT-16	939.80	Reconciled
371480		29-SEP-16	NCH CORPORATION		544.71	04-OCT-16	544.71	Reconciled
371481		29-SEP-16	NEWPORT RIDGE APTS		332.58	11-OCT-16	332.58	Reconciled
371482		29-SEP-16	NOVA, AMANA		28.40			Voided
371483		29-SEP-16	NOWAK, SHALAN		10.31	07-OCT-16	10.31	Reconciled
371484		29-SEP-16	O'HAREN GOVERNMENT RELATIONS		6,500.00	04-OCT-16	6,500.00	Reconciled
371485		29-SEP-16	OLIN CORPORATION		19,764.77	06-OCT-16	19,764.77	Reconciled
371486		29-SEP-16	ON ASSIGNMENT LAB SUPPORT		2,142.00	03-OCT-16	2,142.00	Reconciled
371487		29-SEP-16	ONESOURCE DISTRIBUTORS LLC		3,114.26	03-OCT-16	3,114.26	Reconciled
371488		29-SEP-16	ORANGE COUNTY BUSINESS JOURNAL		1,900.00	03-OCT-16	1,900.00	Reconciled
371489		29-SEP-16	ORANGE COUNTY FIRE AUTHORITY		707.00			Negotiable
371490		29-SEP-16	ORANGE COUNTY SHERIFF'S OFFICE		62.50			Negotiable
371491		29-SEP-16	ORANGE COUNTY WATER DISTRICT		1,680,849.00	03-OCT-16	1,680,849.00	Reconciled
371492		29-SEP-16	OTAY MESA SALES, INC		32,394.60	05-OCT-16	32,394.60	Reconciled
371493		29-SEP-16	PACIFIC DENTAL SERVICES		26.32			Negotiable
371494		29-SEP-16	PACIFIC PARTS & CONTROLS INC		3,693.03	03-OCT-16	3,693.03	Reconciled
371495		29-SEP-16	PARKHOUSE TIRE INC		4,241.64	04-OCT-16	4,241.64	Reconciled
371496		29-SEP-16	PARKWAY LAWNMOWER SHOP		2,051.89	04-OCT-16	2,051.89	Reconciled
371497		29-SEP-16	PERS LONG TERM CARE		900.58	12-OCT-16	900.58	Reconciled
371498		29-SEP-16	POLLARDWATER.COM		417.73	03-OCT-16	417.73	Reconciled

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

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371499		29-SEP-16	PR DIAMOND PRODUCTS, INC.		459.00	03-OCT-16	459.00	Reconciled
371500		29-SEP-16	PRAXAIR		224.22	06-OCT-16	224.22	Reconciled

371501	29-SEP-16	DISTRIBUTION INC PRE-PAID LEGAL SERVICES INC	2,344.45	05-OCT-16	2,344.45	Reconciled
371502	29-SEP-16	PRICE, MAUREEN	230.07			Negotiable
371503	29-SEP-16	PROCARE WORK INJURY CENTER	260.00	05-OCT-16	260.00	Reconciled
371504	29-SEP-16	PRUDENTIAL OVERALL SUPPLY	5,948.65	04-OCT-16	5,948.65	Reconciled
371505	29-SEP-16	PURSLEY, JOSEPH	427.05	03-OCT-16	427.05	Reconciled
371506	29-SEP-16	QUICK MANUFACTURING INC	127.20	04-OCT-16	127.20	Reconciled
371507	29-SEP-16	R&B AUTOMATION, INC.	11,947.56	05-OCT-16	11,947.56	Reconciled
371508	29-SEP-16	RAM AIR ENGINEERING INC	2,380.00	04-OCT-16	2,380.00	Reconciled
371509	29-SEP-16	RASCON, GINA	10.83	04-OCT-16	10.83	Reconciled
371510	29-SEP-16	RAYMOND JAMES AND ASSOCIATES, INC	3,950.00	04-OCT-16	3,950.00	Reconciled
371511	29-SEP-16	RESPONSE ENVELOPE, INC	2,624.40	11-OCT-16	2,624.40	Reconciled
371512	29-SEP-16	RITEWAY AUTO PAINT & BODYWORKS	3,137.04	03-OCT-16	3,137.04	Reconciled
371513	29-SEP-16	ROBERT HALF INTERNATIONAL, INC.	588.63	03-OCT-16	588.63	Reconciled
371514	29-SEP-16	SANDERS PAVING INC	38,757.22	06-OCT-16	38,757.22	Reconciled
371515	29-SEP-16	SANTA MARGARITA FORD	1,730.19	03-OCT-16	1,730.19	Reconciled
371516	29-SEP-16	SEALS WEST PACKING CO.	295.80			Negotiable
371517	29-SEP-16	SHAMROCK SUPPLY CO INC	43.96	04-OCT-16	43.96	Reconciled
371518	29-SEP-16	SHAVER, KATHERINE	10.74	05-OCT-16	10.74	Reconciled
371519	29-SEP-16	SHAW PUMP & SUPPLY, INC.	1,426.79	03-OCT-16	1,426.79	Reconciled
371520	29-SEP-16	SHOETERIA INDUSTRIAL	976.74	04-OCT-16	976.74	Reconciled
371521	29-SEP-16	SIGMA-ALDRICH INC	446.43	03-OCT-16	446.43	Reconciled
371522	29-SEP-16	SLOAN, TOMMY	10.00			Negotiable
371523	29-SEP-16	SMITH, KIM	156.21	07-OCT-16	156.21	Reconciled
371524	29-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY	185,766.83	30-SEP-16	185,766.83	Reconciled

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

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371525		29-SEP-16	SOUTHERN CALIFORNIA EDISON COMPANY		652.00	03-OCT-16	652.00	Reconciled
371526		29-SEP-16	SOUTHERN CALIFORNIA SECURITY CENTERS, INC.		232.07	11-OCT-16	232.07	Reconciled
371527		29-SEP-16	SPARKLETTTS		433.26	06-OCT-16	433.26	Reconciled
371528		29-SEP-16	STANTEC CONSULTING SERVICES INC.		18,580.00	06-OCT-16	18,580.00	Reconciled
371529		29-SEP-16	STERLING, CHARLES		11.77			Negotiable
371530		29-SEP-16	SUN, WEI		10.68			Negotiable
371531		29-SEP-16	SUN-STAR ELECTRIC, INC.		7,897.00	04-OCT-16	7,897.00	Reconciled
371532		29-SEP-16	SWAINS ELECTRIC MOTOR SERVICE		11,927.80	06-OCT-16	11,927.80	Reconciled
371533		29-SEP-16	TAKAHASHI, KAZUNARI		12.32	11-OCT-16	12.32	Reconciled
371534		29-SEP-16	TETRA TECH, INC		57,535.30	06-OCT-16	57,535.30	Reconciled
371535		29-SEP-16	TOXGUARD FLUID TECHNOLOGIES		91.50	05-OCT-16	91.50	Reconciled
371536		29-SEP-16	TRAN, KRISTIE		72.10			Negotiable
371537		29-SEP-16	TRI COUNTY PUMP COMPANY		31,683.08	07-OCT-16	31,683.08	Reconciled
371538		29-SEP-16	TROPICAL PLAZA NURSERY INC		12,192.00	05-OCT-16	12,192.00	Reconciled
371539		29-SEP-16	TRUCPARCO		1,136.88	12-OCT-16	1,136.88	Reconciled
371540		29-SEP-16	TSUTAGAWA, BILL		10.99	05-OCT-16	10.99	Reconciled
371541		29-SEP-16	TYCO INTEGRATED SECURITY, LLC		911.06	05-OCT-16	911.06	Reconciled
371542		29-SEP-16	U.S. HEALTHWORKS MEDICAL GROUP, P.C.		215.00	30-SEP-16	215.00	Reconciled
371543		29-SEP-16	UCT, LLC		260.00	03-OCT-16	260.00	Reconciled
371544		29-SEP-16	UNITED PARCEL SERVICE INC		107.29	03-OCT-16	107.29	Reconciled
371545		29-SEP-16	US BANK NAT'L ASSOC N.DAKOTA		4,000.00	03-OCT-16	4,000.00	Reconciled
371546		29-SEP-16	US BANK NAT'L ASSOCIATION NORTH DAKOTA		108,613.72	12-OCT-16	108,613.72	Reconciled

371547 29-SEP-16 UTILITY SYSTEMS 4,525.00 04-OCT-16 4,525.00 Reconciled
 SCIENCE & SOFTWARE
 INC.

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 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD CHECK								
371548		29-SEP-16	VALLEY CREST LANDSCAPE COMPANIES		102.16	05-OCT-16	102.16	Reconciled
371549		29-SEP-16	VEGA AMERICAS, INC		1,459.34	03-OCT-16	1,459.34	Reconciled
371550		29-SEP-16	VULCAN MATERIALS COMPANY		1,393.78	03-OCT-16	1,393.78	Reconciled
371551		29-SEP-16	VNR INTERNATIONAL, LLC		945.14	03-OCT-16	945.14	Reconciled
371552		29-SEP-16	WALTERS WHOLESALE ELECTRIC		1,483.53	04-OCT-16	1,483.53	Reconciled
371553		29-SEP-16	WATERLINE TECHNOLOGIES INC		13,080.00	04-OCT-16	13,080.00	Reconciled
371554		29-SEP-16	WAXIE'S ENTERPRISES, INC		616.42	03-OCT-16	616.42	Reconciled
371555		29-SEP-16	WECK LABORATORIES INC		1,150.00	11-OCT-16	1,150.00	Reconciled
371556		29-SEP-16	WESTERN EXTERMINATOR COMPANY		220.00	06-OCT-16	220.00	Reconciled
371557		29-SEP-16	WESTERN SAFETY PRODUCTS INC		171,377.65	07-OCT-16	171,377.65	Reconciled
371558		29-SEP-16	YI, SEUNGSOO		10.19	06-OCT-16	10.19	Reconciled
371559		29-SEP-16	YORKE ENGINEERING LLC		2,025.90	07-OCT-16	2,025.90	Reconciled
371560		30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI	2,981.16	07-OCT-16	2,981.16	Reconciled
371561		30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI	2,940.00			Voided
371562		30-SEP-16	ACWA	ROSEVILLE	2,139.00			Voided
371563		30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI	2,940.00			Voided
371564		30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI	2,940.00			Voided
371565		30-SEP-16	JCI JONES CHEMICALS INC	CINCINNATI	2,940.00	07-OCT-16	2,940.00	Reconciled
371566		30-SEP-16	ACWA	ROSEVILLE	2,139.00	04-OCT-16	2,139.00	Reconciled
Payment Document Subtotal:					12,712,332.96		12,470,294.28	

Payment Document : IRWD Wire

11680 06-SEP-16 BANK OF NEW YORK NEWARK 3,541.67 Negotiable
 MELLON TRUST
 COMPANY NA

IRWD Ledger Payment Register For 01-SEP-16 To 30-SEP-16 Report Date: 13-OCT-2016 12:34
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 44
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11681		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	138.89			Negotiable
11682		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	26,093.75			Negotiable
11683		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	21,458.33			Negotiable
11684		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	18,715.28			Negotiable
11685		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	4,222.22			Negotiable
11686		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	36,041.67			Negotiable
11687		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	143.06			Negotiable
11688		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	17,378.47			Negotiable
11689		06-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	5,590.28			Negotiable

11690	06-SEP-16	MELLON TRUST COMPANY NA BANK OF NEW YORK NEWARK	NEWARK	159.72	Negotiable
11691	06-SEP-16	MELLON TRUST COMPANY NA BANK OF NEW YORK NEWARK	NEWARK	156.25	Negotiable
11692	06-SEP-16	CALPERS	SACRAMENTO	89,388.06	Negotiable
11693	07-SEP-16	INTERNAL REVENUE SERVICE	FRESNO	187,107.54	Negotiable
11694	07-SEP-16	FRANCHISE TAX BOARD	SACRAMENTO	51,536.01	Negotiable
11695	07-SEP-16	CALPERS	SACRAMENTO	447,672.30	Negotiable
11696	07-SEP-16	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	8,211.64	Negotiable
11697	07-SEP-16	EMPLOYMENT DEVELOPMENT DEPARTMENT	W SACRAMENTO	10,462.19	Negotiable

IRWD Ledger Payment Register For 01-SEP-16 To 30-SEP-16 Report Date: 13-OCT-2016 12:34
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 45
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11698		07-SEP-16	ORDONEZ, CYNTHIA MARIE	DESERT HOT SPR	500.77			Negotiable
11699		07-SEP-16	CALIFORNIA DEPARTMENT OF CHILD SUPPORT SERVICES	SACRAMENTO	3,067.47			Negotiable
11700		07-SEP-16	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	10,506.19			Negotiable
11701		07-SEP-16	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY	DENVER	109,128.12			Negotiable
11702		07-SEP-16	PCL CONSTRUCTION, INC.	ACCT 6971821722	496,457.10			Negotiable
11703		07-SEP-16	PCL CONSTRUCTION, INC.	ESR 141511.1	55,161.90			Negotiable
11704		07-SEP-16	BANK OF NEW YORK MELLON TRUST COMPANY NA	NEWARK	42,194.67			Negotiable
11705		07-SEP-16	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	5,054.89			Negotiable
11706		07-SEP-16	U.S. BANK NATIONALPAY ASSOCIATION		22,217.25			Negotiable
11707		07-SEP-16	BANK OF AMERICA	SAN FRANCISCO	19,624.32			Negotiable
11708		13-SEP-16	YORK INSURANCE SERVICES GROUP INC - CA	PAY	3,113.43			Negotiable
11709		14-SEP-16	WRIGHT, BRETT	PAY	54.26			Negotiable
11710		16-SEP-16	U.S. BANK NATIONALST. LOUIS ASSOCIATION		10,182.41			Negotiable
11711		19-SEP-16	SUMITOMO MITSUI BANKING CORPORATION	NEW YORK	20,859.84			Negotiable
11712		19-SEP-16	U.S. BANK NATIONALPAY ASSOCIATION		9,667.73			Negotiable
11713		20-SEP-16	MUNICIPAL WATER DISTRICT OF ORANGEVALLEY COUNTY	FOUNTAIN	1,511,351.17			Negotiable
11714		20-SEP-16	MUNICIPAL WATER DISTRICT OF ORANGEVALLEY COUNTY	FOUNTAIN	134,534.40			Negotiable
11715		21-SEP-16	MERRILL LYNCH CAPITAL SERVICES, INC	CHARLOTTE	782,801.87			Negotiable

IRWD Ledger Payment Register For 01-SEP-16 To 30-SEP-16 Report Date: 13-OCT-2016 12:34
 BANK: Bank of America N.A. Branch : Los Angeles Account: Checking AP and PR Page: 46
 Bank Account Currency: USD (US Dollar) Payment Currency: USD (US Dollar)
 Payment Type: All Display Supplier Address: No

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11716		21-SEP-16	CITIGROUP GLOBAL MARKETS INC.	NEW YORK	782,801.87			Negotiable
11717		22-SEP-16	INTERNAL REVENUE SERVICE	FRESNO	190,990.30			Negotiable
11718		22-SEP-16	FRANCHISE TAX BOARD	SACRAMENTO	52,976.70			Negotiable
11719		22-SEP-16	EMPLOYMENT DEVELOPMENT	W SACRAMENTO	10,540.30			Negotiable

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
11720		22-SEP-16	DEPARTMENT ORDONEZ, CYNTHIA	DESERT HOT	500.77			Negotiable
11721		22-SEP-16	MARIE CALIFORNIA	SPR SACRAMENTO	2,866.13			Negotiable
11722		22-SEP-16	DEPARTMENT OF CHILD SUPPORT SERVICES					Negotiable
11723		22-SEP-16	EMPLOYEE BENEFIT SPECIALIST, INC	PAY DENVER	112,070.83			Negotiable
11724		22-SEP-16	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY					Negotiable
11725		28-SEP-16	CALPERS YORK INSURANCE	SACRAMENTO PAY	88,487.28 9,930.97			Negotiable Negotiable
11726		28-SEP-16	SERVICES GROUP INC - CA YORK INSURANCE	PAY NEWARK	3,680.52			Negotiable
11727		29-SEP-16	SERVICES GROUP INC - CA BANK OF NEW YORK	NEWARK	2,968.75			Negotiable
11728		29-SEP-16	MELLON TRUST COMPANY NA BANK OF NEW YORK	NEWARK	173.61			Negotiable
11729		30-SEP-16	MELLON TRUST COMPANY NA ORDONEZ, CYNTHIA	DESERT HOT	500.77			Negotiable
11730		30-SEP-16	MARIE INTERNAL REVENUE	SPR FRESNO	188,564.82			Negotiable
11731		30-SEP-16	SERVICE FRANCHISE TAX	SACRAMENTO	52,688.23			Negotiable
11732		30-SEP-16	BOARD EMPLOYMENT	W SACRAMENTO	9,996.86			Negotiable
11733		30-SEP-16	DEVELOPMENT DEPARTMENT CALIFORNIA	SACRAMENTO	2,866.13			Negotiable
			DEPARTMENT OF CHILD SUPPORT SERVICES					

IRWD Ledger
 BANK: Bank of America N.A. Branch : Los Angeles
 Bank Account Currency: USD (US Dollar)
 Payment Type: All
 Payment Register For 01-SEP-16 To 30-SEP-16
 Account: Checking AP and PR
 Payment Currency: USD (US Dollar)
 Display Supplier Address: No
 Report Date: 13-OCT-2016 12:34
 Page: 47

Payment Number	Sequence Num	Date	Supplier Name	Site	Payment Amount	Cleared Date	Cleared Amount	Status
Payment Document : IRWD Wire								
11734		30-SEP-16	EMPLOYEE BENEFIT SPECIALIST, INC	PAY	10,938.17			Negotiable
11735		30-SEP-16	GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY	DENVER	108,718.13			Negotiable
Payment Document Subtotal:					5,807,263.38			
Bank Account Subtotal :					18,519,596.34		12,470,294.28	
Report Count : 1300	Report Total:				18,519,596.34		12,470,294.28	

Disbursements

*** End of Report ***

\$ 18,519,596.34 Disbursements
~~<15,300.84> Voids~~
\$ 18,504,295.50 Total Voids and Disbursements

Exhibit "E"

IRWD Gov Code 53065.5 Disclosure Report

Payment or Reimbursements for Individual charges of \$100 or more per transaction for services or product received.

01-SEP-16 to 30-SEP-16

NAME	CHECK NO.	CHECK DATE	TRANSACTION	ITEM DESCRIPTION	EXPENSE JUSTIFICATION
Borowski, Michael	370581	8-Sep-16	170.00	Certification Renewal	CWEA Grade II certification
Fournier, Tanja	371353	29-Sep-16	550.00	Registration Fees	NAGDCA Annual Conf., Denver, CO - Sept. 17-21, 2016
Fournier, Tanja	371353	29-Sep-16	424.20	Airfare	NAGDCA Annual Conf., Denver, CO - Sept. 17-21, 2016
Fournier, Tanja	371353	29-Sep-16	223.76	Lodging	NAGDCA Annual Conf., Denver, CO - Sept. 17, 2016
Fournier, Tanja	371353	29-Sep-16	223.76	Lodging	NAGDCA Annual Conf., Denver, CO - Sept. 18, 2016
Fournier, Tanja	371353	29-Sep-16	223.76	Lodging	NAGDCA Annual Conf., Denver, CO - Sept. 19, 2016
Fournier, Tanja	371353	29-Sep-16	223.76	Lodging	NAGDCA Annual Conf., Denver, CO - Sept. 20, 2016
Garcia, Jose	371350	29-Sep-16	107.99	Other(Misc)	Wireless Device Cover Reimbursement
Jack, Mike	370790	15-Sep-16	450.00	Certification	ACI Concrete Field Testing Technician Grade I Training
LaMar, Steve	370793	15-Sep-16	229.60	Lodging	National Water Resources Assoc., Western Conf. Sun Valley, ID Aug. 2, 2016
LaMar, Steve	370793	15-Sep-16	229.60	Lodging	National Water Resources Assoc., Western Conf. Sun Valley, ID Aug. 3, 2016
LaMar, Steve	370793	15-Sep-16	246.81	Lodging	National Water Resources Assoc., Western Conf. Sun Valley, ID Aug. 4, 2016
Martinez, Jose III	370576	8-Sep-16	250.00	Certification	CWEA Electrical/Instrumentation Grade II Certificate
Matheis, Mary Aileen	370789	15-Sep-16	246.81	Lodging	UWI Annual Conf., San Diego, CA - Aug. 24, 2016
Matheis, Mary Aileen	370789	15-Sep-16	246.81	Lodging	UWI Annual Conf., San Diego, CA - Aug. 25, 2016
McGehee, Joe	370577	8-Sep-16	168.48	Mileage	Stockdale construction site visit - Aug. 25, 2016
Oldewage, Lars	370326	1-Sep-16	235.00	Membership Renewal	WEF annual membership renewal
Ruiz, Ricky	370582	8-Sep-16	350.00	Certification	SWRCB Wastewater Plant Operator Grade III Exam Fee
Ruiz, Ricky	370582	8-Sep-16	300.00	Membership Renewal	CWEA Wastewater Plant Operator Grade III Fee
Sarabia, Mark	370580	8-Sep-16	118.00	Certification Renewal	Certified Welder certification fee
Shinbashi, Allen	370323	1-Sep-16	184.00	Other(Misc)	Safety shoe allowance
Swan, Peer	370791	15-Sep-16	275.32	Lodging	CASA Annual Conf., Monterey, CA - Aug. 10, 2016
Swan, Peer	370791	15-Sep-16	275.32	Lodging	CASA Annual Conf., Monterey, CA - Aug. 11, 2016
Swan, Peer	370791	15-Sep-16	397.44	Mileage	CASA Annual Conf., Monterey, CA - Aug. 10-12, 2016
Swan, Peer	370791	15-Sep-16	302.04	Lodging	UWI Annual Conf., San Diego, CA - Aug. 24, 2016
Swan, Peer	370791	15-Sep-16	302.04	Lodging	UWI Annual Conf., San Diego, CA - Aug. 25, 2016
Swan, Peer	371352	29-Sep-16	236.27	Travel Meals	UWI Annual Conf., San Diego, CA - Aug. 24-26, 2016
Wang, Peter	371054	22-Sep-16	194.40	Other(Misc)	Safety shoe allowance
Total Amount:			\$ 7,385.17		

October 24, 2016
Prepared by: J. Smyth/M. Cortez
Submitted by: K. Burton *KLB*
Approved by: Paul Cook *Paul Cook*

CONSENT CALENDAR

EAST IRVINE ZONE 1 TO 3 FLOW METER REPLACEMENT
FINAL ACCEPTANCE

SUMMARY:

The East Irvine Zone 1 to 3 Flow Meter Replacement Project is complete. The contractor, Paulus Engineering, has completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

The East Irvine Zone 1 to 3 Flow Meter Replacement Project replaced an existing 36-inch turbine flow meter in a below grade vault with a 30-inch magnetic meter above grade to improve accuracy and maintenance access.

Staff completed the design in October 2015. Paulus Engineering was awarded the construction contract on December 16, 2015 and completed construction and commissioning of the system on September 26, 2016.

Project Title:	East Irvine Zone 1 to 3 Flow Meter Replacement Project
Project No.:	5519
Design Engineer:	Stantec (formerly VA Consulting)
Construction Management by:	IRWD Staff
Contractor:	Paulus Engineering
Original Contract Cost:	\$379,744.00
Final Contract Cost:	\$389,813.72
Original Contract Days:	210
Final Contract Days:	285
Final Change Order Approved On:	September 20, 2016

FISCAL IMPACTS:

Project 5519 is included in the FY 2016-17 Capital Budget. The existing budget is sufficient to fund the final payment for the project.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) and in conformance with California Code of Regulation, Title 14, Chapter 3, Section 15301 provides exemption for minor alterations of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. A Notice of Exemption for the project was filed with the County of Orange on June 15, 2015.

COMMITTEE STATUS:

This item was not reviewed by a committee.

RECOMMENDATION:

THAT THE BOARD ACCEPT CONSTRUCTION OF THE EAST IRVINE ZONE 1 TO 3 FLOW METER REPLACEMENT, PROJECT 5519; 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.

October 24, 2016

Prepared by: H. Cho/M. Cortez

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

Approved by: Paul Cook *P. Cook*

CONSENT CALENDAR

UCI COOLING TOWER CONVERSION RECYCLED WATER PIPELINE PHASE 1 CONSTRUCTION AWARD

SUMMARY:

The University of California Irvine (UCI) Cooling Tower Conversion Recycled Water Pipeline Phase 1 project will construct 200 feet of 16-inch recycled water pipeline within the street intersection of University Drive and California Avenue. This pipe segment is the first 200 feet of a total of approximately 2,900 feet that will ultimately supply recycled water to UCI's cooling tower system. Staff recommends that the Board authorize the General Manager to execute a construction contract with Paulus Engineering, Inc. in the amount of \$169,500 for the UCI Cooling Tower Conversion Recycled Water Pipeline Phase 1 project.

BACKGROUND:

The UCI Cooling Tower Conversion Recycled Water Pipeline project will ultimately construct approximately 2,900 feet of 12- and 16-inch pipe to convert the water supply of the UCI Cooling Tower system from domestic to recycled water, as well as provide recycled water to the planned growth in the University Research Park area. The conversion of the cooling tower is estimated to save up to 50 million gallons of domestic water annually.

The pipeline design is completed and staff anticipates bringing a Memorandum of Understanding (MOU) that outlines the terms of UCI's commitment to use recycled water to the Board for approval in the coming months. Since the City of Irvine will begin construction of its University Drive Widening project in January 2017, constructing the first 200 feet of pipe in the street intersection of University Drive and California Avenue at this time will avoid conflicting with the City's project. The remainder of the pipeline improvements will be advertised for construction bidding subsequent to the completion and execution of the MOU.

Bid Opening:

In August 2016, staff instructed the District's design consultant, CivilSource, to prepare a separate plan set and project manual for the initial 200-foot pipe segment, with the goal of completing construction activities by the end of 2016. Staff approved the project documents in September and advertised the project for construction bidding to a selected bidders list of three contractors. Staff opened bids on October 13, 2016. Two contractors submitted bids; the apparent low bidder was Paulus Engineering with a low bid of \$169,500, and the second bid was from GCI Construction in the amount of \$174,983. The engineer's estimate was \$87,525 and the bid summary is attached as Exhibit "B". Both bids were above the engineer's estimate, likely due to the following factors: the limited work hours of 9 a.m. to 3 p.m.; slow pipe installation due to existing utilities within the intersection; individualized traffic control for the installation of each pipe length; and the high traffic volume of University Drive. The engineer's estimate was based on six working days to complete construction excluding paving while the low bidder

will need ten working days excluding paving. Paulus Engineering has completed numerous pipeline construction projects for IRWD, including the University Drive Pipeline Cathodic Protection Project in 2013, and is aware of the traffic control requirements and work conditions in University Drive.

FISCAL IMPACTS:

Project 7102 is included in the FY 2016-17 Capital Budget. The existing budget is sufficient to fund construction.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) and in conformance with California Code of Regulation, Title 14, Chapter 3, Section 15282 in that the installation of new pipeline or maintenance, repair restoration, removal, or demolition of an existing pipeline as set forth in Section 21080.21 of the Public Resources Code, as long as the project does not exceed one mile in length. Staff filed a Notice of Exemption with the Orange County Clerk Recorder on September 16, 2016.

COMMITTEE STATUS:

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

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH PAULUS ENGINEERING, INC. IN THE AMOUNT OF \$169,500 FOR THE UCI COOLING TOWER CONVERSION RECYCLED WATER PIPELINE PHASE 1, PROJECT 7102.

LIST OF EXHIBITS:

Exhibit "A" – Location Map
Exhibit "B" – Bid Summary

EXHIBIT "A"



EXHIBIT "B"

Bid Opening: Thursday, October 13, 2016
@ 2:00 p.m.

Irvine
UCI Cooling Tower Recycled Water Conversion Pipeline Phase 1
PR 7102, Code 6884


Entered By: L. Gates

Item No.	Description	Qty	Unit	Engineer's Estimate		1 Paulus Engineering, Inc. Anaheim, CA		2 GCI Construction, Inc. San Clemente, CA	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization, Demobilization, & Cleanup	1	LS	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
2	Excavation Safety Measures	1	LS	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$4,600.00	\$4,600.00
3	SWPPP Conformance/Best Management Practices/Erosion Control Plans	1	LS	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$2,700.00	\$2,700.00
4	Traffic Control for Construction Work Areas	1	LS	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$6,625.00	\$6,625.00
5	Construct 16" PVC AWWA C905 (DR 14) Purple Pipe & Fittings	200	LF	\$200.00	\$40,000.00	\$480.00	\$96,000.00	\$440.00	\$88,000.00
6	Install 16" Butterfly Valve (FExFE + FExPO) and Valve Box with Buried Manual Operator	1	EA	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$13,000.00	\$13,000.00
7	Construct 24"x16" Cut-In Tee (FExFE) & Connection at Sta 10+00	1	EA	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00	\$16,000.00	\$16,000.00
8	Construct Temporary Blow Off	1	EA	\$7,500.00	\$7,500.00	\$1,400.00	\$1,400.00	\$8,000.00	\$8,000.00
9	Cold Mill (Grind) Existing Pavement (2" thick)	1,300	SF	\$0.25	\$325.00	\$2.41	\$3,133.00	\$3.70	\$4,810.00
10	Replace Existing Pavement Markings and Striping	1	LS	\$2,000.00	\$2,000.00	\$5,300.00	\$5,300.00	\$5,100.00	\$5,100.00
11	AC Pavement Install Cap	1,300	SF	\$2.00	\$2,600.00	\$5.76	\$7,488.00	\$7.26	\$9,438.00
A1	Install Type II Slurry Seal per City of Irvine Specifications	2,200	SF	\$3.00	\$6,600.00	\$3.50	\$7,700.00	\$3.05	\$6,710.00
	Subtotal				\$87,525.00		\$165,521.00		\$174,983.00
	Adjustment (+ or -)						\$3,979.00		\$0.00
	TOTAL AMOUNT OF BID				\$87,525.00		\$169,500.00		\$174,983.00
				<u>Item</u>		<u>Manufacturers:</u>		<u>Manufacturers:</u>	
				16-inch C-905 DR 14 PVC Purple Pipe		Vinyltech		Vinyltech	
						<u>Subcontractors:</u>		<u>Subcontractors:</u>	
						All American Asphalt		All American Asphalt	
								Superior Pavement Markings	

October 24, 2016

Prepared by: T. Bonkowski/M. Cortez

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

Approved by: Paul Cook 

CONSENT CALENDAR

IRVINE BUSINESS COMPLEX APPURTENANCE RELOCATIONS CONSTRUCTION AWARD

SUMMARY:

The Irvine Business Complex Sidewalk Improvements Project will relocate District facilities (e.g meters, hydrants, and backflow devices) to avoid conflicting with the City of Irvine's proposed sidewalk improvements in the Irvine Business Complex. Staff recommends that the Board:

- Authorize budget increases in the amounts of \$432,300, from \$442,900 to \$875,200, for Project 6849 and \$40,600, from \$49,700 to \$90,300, for Project 6850; and
- Authorize the General Manager to execute a construction contract with TE Roberts in the amount of \$662,601 for the Irvine Business Complex Appurtenance Relocations.

BACKGROUND:

The City of Irvine is continuing its sidewalk improvement program in the Irvine Business Complex and has proposed sidewalk construction on: Millikan Avenue, from DuBridge Avenue to Barranca Parkway; DuBridge, Noyes, Gates and Hales Avenues; Armstrong Avenue, between Alton Parkway and Barranca Parkway; and Teller Avenue, north of Campus Drive. Existing District facilities that are currently installed behind curb will require relocation to avoid conflicting with the proposed sidewalk improvements.

First Bid Advertisement:

This project was previously advertised for construction bidding in May 2016, and bids were opened in June 2016. Three contractors submitted bids that ranged from \$498,600 to \$898,600: GCI Construction, Kennedy Pipeline Company and Paulus Engineering. Due to a discrepancy between the plans and specifications that caused confusion to the contractors regarding the replacement of the existing polyethylene water service laterals, the Board rejected the bids in July 2016.

Re-bidding and Construction Award:

Staff revised the plans and specifications and the project was re-advertised for construction bid to a select list of 16 contractors in September 2016. Staff held the bid opening on September 22, 2016, and four bids ranging from \$662,601 to \$852,800 were received from GCI Construction, Kennedy Pipeline, Paulus Engineering and TE Roberts. TE Roberts was the apparent low bidder with a bid amount of \$662,601; the engineer's estimate was \$342,000. Since the lowest two bids are within 5%, staff believes the low bid represents the true cost of the project. The Bid Summary is attached as Exhibit "A".

FISCAL IMPACTS:

Projects 6849 and 6850 are included in the FY 2016-17 Capital Budget. Staff requests budget increases in the respective amounts of \$432,300 and \$40,600 to fund construction of the project as shown in the table below:

Project No.	Current Budget	Addition <Reduction>	Total Budget
6849	\$442,900	\$432,300	\$875,200
6850	\$ 49,700	\$ 40,600	\$ 90,300
Total	\$492,600	\$472,900	\$965,500

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15301 which provides exemption for minor alterations of existing public or private structure, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead determination. A Notice of Exemption for this project was filed with the Orange County Clerk/Recorder on January 8, 2016.

COMMITTEE STATUS:

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

RECOMMENDATION:

THAT THE BOARD AUTHORIZE BUDGET INCREASES IN THE AMOUNT OF \$432,300, FROM \$442,900 TO \$875,200, FOR PROJECT 6849 AND \$40,600, FROM \$49,700 TO \$90,300, FOR PROJECT 6850; AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH TE ROBERTS IN THE AMOUNT OF \$662,601 FOR THE IRVINE BUSINESS COMPLEX APPURTENANCE RELOCATIONS, PROJECTS 6849 AND 6850.

LIST OF EXHIBITS:

Exhibit "A" – Bid Summary

EXHIBIT "A"


Irvine
Irvine Business Complex Appurtenance Relocations
PR 6849 AND 6850, Code 6730


Item No.	Description	Qty	Unit	Engineer's Estimate		1 T.E. Roberts, Inc. Orange, CA		2 Paulus Engineering, Inc. Anaheim, CA		3 GCI Construction, Inc. San Clemente, CA		4 Kennedy Pipeline Constructn Aliso Viejo, CA	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
				Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount
1	Mobilization, Demobilization, temporary water, bonding, potholing, document preparation, coordination, incidental work & Site Clean-up	1	LS	\$30,000.00	\$30,000.00	\$23,000.00	\$23,000.00	\$24,667.00	\$24,667.00	\$32,000.00	\$32,000.00	\$15,000.00	\$15,000.00
2	Remove & dispose existing 6-inch fire line backflow assembly, piping & concrete vault. Furnish & install 6-inch double check (N-Pattern) backflow assembly including gate valve, piping, all appurtenances & connections as shown & specified on IRWD plans Std Dwg W-6	1	EA	\$18,000.00	\$18,000.00	\$32,000.00	\$32,000.00	\$39,533.00	\$39,533.00	\$30,000.00	\$30,000.00	\$47,700.00	\$47,700.00
3	Remove & dispose existing 10-inch fire line backflow assembly, piping & concrete vault. Furnish & install 10-inch double check (N-Pattern) backflow assembly including gate valve, piping, all appurtenances & connections as shown & specified on plans per IRWD Std. Dwg. W-6	4	EA	\$25,000.00	\$100,000.00	\$53,000.00	\$212,000.00	\$45,291.00	\$181,164.00	\$39,000.00	\$156,000.00	\$79,500.00	\$318,000.00
4	Remove & dispose existing service Backflow Assembly. Furnish & install new 2-inch Reduced Pressure Principle Backflow Assembly including all connections as shown & specified on plans per IRWD Std. Dwg. W-7	8	EA	\$4,000.00	\$32,000.00	\$8,500.00	\$68,000.00	\$10,851.00	\$86,808.00	\$11,000.00	\$88,000.00	\$8,200.00	\$65,600.00
*5	Furnish & install new 2-inch Reduced Pressure Principle Backflow Assembly including all connections as shown & specified on plans per IRWD Std. Dwg. W-7	5	EA	\$3,000.00	\$15,000.00	\$6,600.00	\$33,000.00	\$3,151.00	\$15,755.00	\$11,000.00	\$55,000.00	\$8,100.00	\$40,500.00
6	Remove & dispose existing 2-inch service & meter box. Install new 2-inch copper service (including corp. stop; excluding saddle) from main at far side of street as shown & specified on plans per IRWD Std. Dwg. W-2 (2-inch Type "K" soft coiled copper is allowed)	4	EA	\$5,000.00	\$20,000.00	\$17,000.00	\$68,000.00	\$15,620.00	\$62,480.00	\$20,000.00	\$80,000.00	\$20,000.00	\$80,000.00
7	Remove & dispose existing 2-inch service & meter box. Install new 2-inch copper service (including corp. stop; excluding saddle) from main at near side of street as shown & specified on plans per IRWD Std. Dwg. W-2 (2-inch Type "K" soft coiled copper is allowed)	9	EA	\$4,500.00	\$40,500.00	\$7,000.00	\$63,000.00	\$14,065.00	\$126,585.00	\$18,000.00	\$162,000.00	\$15,000.00	\$135,000.00

				Engineer's Estimate		1 T.E. Roberts, Inc. Orange, CA		2 Paulus Engineering, Inc. Anaheim, CA		3 GCI Construction, Inc. San Clemente, CA		4 Kennedy Pipeline Constructn Aliso Viejo, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
8	Remove & dispose existing 2-inch service & meter box, Install new 2-inch copper service (including corp. stop; excluding saddle) from main at near side of street as shown & specified on plans per IRWD Std. Dwg. W-2 (2-inch Type "K" soft coiled copper is allowed)	1	EA	\$4,000.00	\$4,000.00	\$8,200.00	\$8,200.00	\$15,022.00	\$15,022.00	\$17,000.00	\$17,000.00	\$15,000.00	\$15,000.00
9	Remove & return existing 4-inch valves to IRWD. Furnish & install new 4-inch resilient wedge gate valve with 4"x2" companion flange & 2" insulating corporation stop as shown & specified on plans per IRWD Std. Dwg. W-2 (sheet 2)	3	EA	\$2,500.00	\$7,500.00	\$9,300.00	\$27,900.00	\$7,467.00	\$22,401.00	\$5,400.00	\$16,200.00	\$12,000.00	\$36,000.00
10	Remove & relocate existing pressure reducing valve & box as shown & specified on plans.	1	LS	\$1,500.00	\$1,500.00	\$7,200.00	\$7,200.00	\$2,132.00	\$2,132.00	\$6,400.00	\$6,400.00	\$4,000.00	\$4,000.00
11	Remove existing post indicator valve & fire department connection, relocate and reconnect to the new backflow preventer including all appurtenances complete in place as shown and specified on plans.	2	EA	\$3,000.00	\$6,000.00	\$8,200.00	\$16,400.00	\$2,046.00	\$4,092.00	\$6,400.00	\$12,800.00	\$4,000.00	\$8,000.00
12	Remove & replace in kind existing bollards complete in place as shown & specified on plans.	1	LS	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$1,215.00	\$1,215.00	\$8,100.00	\$8,100.00	\$7,000.00	\$7,000.00
13	Remove & replace existing fire hydrant as shown and specified on plans per IRWD Std. Dwg. W-8.	3	EA	\$4,000.00	\$12,000.00	\$20,000.00	\$60,000.00	\$21,509.00	\$64,527.00	\$19,300.00	\$57,900.00	\$7,000.00	\$21,000.00
14	Place Type I slurry seal as shown and specified on plans per City of Irvine requirements.	12,000	SF	\$0.40	\$4,800.00	\$2.95	\$35,400.00	\$3.00	\$36,000.00	\$1.20	\$14,400.00	\$4.00	\$48,000.00
15	Trench Safety Measures	1	LS	\$35,000.00	\$35,000.00	\$1,500.00	\$1,500.00	\$594.00	\$594.00	\$27,000.00	\$27,000.00	\$5,000.00	\$5,000.00
16	Traffic Control	1	LS	\$35,000.00	\$35,000.00	\$5,000.00	\$5,000.00	\$10,085.00	\$10,085.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00
17	Record Drawings	1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
	Subtotal				\$364,300.00		\$662,601.00		\$695,060.00		\$772,800.00		\$852,800.00
	Adjustment (+ or -)				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
	TOTAL AMOUNT OF BID				\$364,300.00		\$662,601.00		\$695,060.00		\$772,800.00		\$852,800.00
				Item		Manufacturers:		Manufacturers:		Manufacturers:		Manufacturers:	
	*Quantity for Item No 5 differs on Engineer's Estimate (6ea) to Project Manual (5ea).			6 & 10-inch C-900 DR 14 PVC pipes		Vinyltech		Vinyltech		Vinyltech		Vinyltech	
				Gate Valves		AVK		AVK		Mueller Co		AVK	
				Fittings/Bends/Flanges		Star		Star		SIP Inc.		Star	
				Fire Hydrants		Clow		Clow		James Jones		Clow	
				Double Check Backflow Preventers		Wilkins		Wilkins		Ames		Wilkins	
				Reduced Pressure Principle Backflow Preventers		Wilkins		Wilkins		Wilkins		Wilkins	
						Subcontractors:		Subcontractors:		Subcontractors:		Subcontractors:	
						All American Asphalt		All American Asphalt		Hardy & Harper, Inc.		All American	
										Superior Pavement Markings			

October 24, 2016

Prepared and

submitted by: C. Compton 

Approved by: Paul Cook 

ACTION CALENDAR

2017-2018 STATE LOBBYING AND ADVOCACY SERVICES

SUMMARY:

Irvine Ranch Water District's current 24-month contract with O'Haren Government Relations for State lobbying and consulting services expires on December 31, 2016. Staff recommends the Board approve a sole-source 24-month Professional Services Agreement, from January 1, 2017, to December 31, 2018, with O'Haren Government Relations for State lobbying and advocacy services during the 2017-2018 legislative session. The new contract would include a \$6,500 monthly retainer plus reimbursable expenses up to \$3,900 per year for a total contract amount not to exceed \$163,800. The proposed new agreement reflects no increase in the amount of the monthly retainer or the total contract amount.

BACKGROUND:

IRWD continues to be a leader in water resources public policy and governance. During the 2015-2016 legislative session, the District engaged in a number of State policy discussions regarding water infrastructure, supply reliability and governance. Many of these discussions are expected to carry over into the 2017-2018 legislative session.

Some of the policy areas expected to be of priority for IRWD in the 2017-2018 legislative session are addressed in further detail in the attached contract proposal, included as Exhibit "A", from Ms. Maureen O'Haren and are summarized as follows:

- *Water Conservation, Water Recycling, Water Rights, and Related Legislative Issues:* Preserve and advance IRWD interests in these policy areas;
- *State Budget:* Minimize the impact of the budget on the District's property tax allocation, reserves and investments interests;
- *Special District Oversight, Local Government Law, Pension Reform:* Protect IRWD interests in any legislation establishing new requirements or other reform measures impacting special district governance, financing, operations, and contracting;
- *Bond Funding and Financing:* Ensure IRWD opportunities to compete for bond funds, and protect IRWD flexibility; and
- *Wetlands Oversight and Policy:* Protect the Natural Treatment System program.

O'Haren Government Relations provides the District with a high level of service, knowledge, credibility and access in Sacramento. Additionally, Ms. O'Haren assists the District in ongoing efforts to build and maintain relationships with key policy makers in the Legislature, Governor's Office and State agencies.

To aid IRWD in its State advocacy efforts, staff recommends that the Board authorize the execution of a new Professional Services Agreement with O'Haren Government Relations for a 24-month period, beginning January 1, 2017, through December 31, 2018. Entering into a 24-month contract with O'Haren Government Relations would allow the District to maintain continuity in its Sacramento representation throughout the entire 2017-2018 legislative session.

FISCAL IMPACTS:

The current contract with O'Haren Government Relations expires on December 31, 2016. It is for \$6,500 per month plus reimbursable expenses not to exceed \$3,900 per year. The current contract is for a 24-month term, and has a not-to-exceed value of \$163,800.

The proposed contract with O'Haren Government Relations would run from January 1, 2017, through December 31, 2018, and is proposed at \$6,500 per month plus reimbursable expenses not to exceed \$3,900 per year. If approved by the Board, the new contract will be charged against the FY 2016-2017, FY 2017-2018 and FY 2017-2018 Operating Budgets. The total requested contract authorization is \$163,800.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources and Communications Committee on October 19, 2016.

RECOMMENDATION:

THAT THE BOARD APPROVE A 24-MONTH PROFESSIONAL SERVICES AGREEMENT, FROM JANUARY 1, 2017, THROUGH DECEMBER 31, 2018, WITH O'HAREN GOVERNMENT RELATIONS FOR \$6,500 PER MONTH PLUS REIMBURSABLE DIRECT EXPENSES OF NOT MORE THAN \$3,900 PER YEAR FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$163,800.

LIST OF EXHIBITS:

Exhibit "A" - Proposal for Professional Services from O'Haren Government Relations

EXHIBIT "A"

Christine Compton
Government Relations Officer
Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

**RE: PROPOSAL FOR REPRESENTATION
January 2017 through December 2018**

Dear Christine:

Thank you for offering to renew O'Haren Government Relations' contract to represent the Irvine Ranch Water District in Sacramento. I am honored to continue to represent the District in Sacramento as I have for more than a decade. Being part of such a forward-thinking, successful organization peopled by individuals who believe in their work and provide tremendous leadership in Sacramento policymaking has been a thrill.

While the 2015-2016 legislative session was not as historic as 2014, the year of the water bond and the Sustainable Groundwater Management Act, the session was a good opportunity for the bond and SGMA to be implemented and the Legislature and the State Water Resources Control Board to focus on the 2015 drought. Key committees in the Legislature held several oversight hearings during the two-year session that provided updates on the actions of the various departments and agencies in implementing both the bond measure and SGMA.

The District also had successes in 2015 on our own. We succeeded in having Assemblyman Don Wagner introduce AB 725 for us to use as a way to deal with the storm-induced overflow issue as well as the decorative lakes issue. But we discovered that we could more easily resolve the issue by working with the SWRCB and our local board, and we did succeed with the storm-induced overflow issue. We are still trying to come up with a solution that will permit the use of recycled water in decorative lakes during the warmer months of the year.

We also succeeded in working on several bills, and by obtaining amendments were able to avoid opposing some measures. Though some of them did not pass, such as SB 551 (Wolk), regarding the water-energy nexus, SB 555 (Wolk), on water loss audits, did move forward and our amendments ensured the bill worked for us. Likewise, we succeeded in obtaining amendments to the groundwater adjudication clean-up package, SB 226 (Pavley) and AB 1390 (Alejo). Staff developed and presented proposed amendments to Gordon Burns at Cal EPA, and we collaborated with him and the authors to obtain the changes we needed. We also supported AB 606 (Levine), regarding retrofitting.

Our big success of the year was AB 768 (Levine), which was a last-minute effort that happened thanks to Tina Leahy, who was then at the Assembly Water Parks and Wildlife Committee. We had been advocating for legislative action to deal with the issue in which homeowners' associations were discouraging residents from allowing their lawns to go brown. Working with the trade associations representing the HOAs, we were able to remove their opposition and the bill was signed on Oct. 11, the last day that the Governor had to act on bills. Since it is an urgency measure, it took effect immediately.

We have spent a lot of time and energy these past two years working on Prop 218 and educating staff and authors about the issues and potential solutions. While we were unable to persuade legislative leadership to take on this issue in 2015, our expertise served us well in 2016 when Senator Robert Hertzberg developed a proposal that would have posed problems. That measure is discussed below.

This year, 2016, we again worked to fix several bills, including a Wolk bill on groundwater extraction facilities, SB 1317, and supported measures to advance direct potable use, such as AB 2022 (Gordon). But we spent a significant amount of time in working to defeat SB 163 (Hertzberg), a poorly thought-out proposal to reduce ocean outflows. A strong coalition led by the California Association of Sanitation Agencies succeeded in defeating the bill after one policy committee hearing, thanks to the pre-hearing lobbying efforts of the group. IRWD was instrumental in setting up and attending many of the meetings with legislators on the committees.

Senator Hertzberg, in coordination with the California Water Foundation, also attempted to wade into the Proposition 218 issue, but the proposal that emerged was more detrimental to the effort than helpful. After several meetings and conference calls, in which staff's knowledge of the issue proved critical to defeating the arguments of the proponents, we were able to eliminate the problematic aspects of the bill. Senator Hertzberg later dropped the bill during the end of the legislative session.

Also late in the session, we worked with ACWA, MWD and CMUA in obtaining amendments to AB 2087 (Levine), a late-breaking bill creating "regional conservation frameworks" that initially posed threats for the District in areas where the District is primarily a landowner. The Building Industry Association and the solar industry had been opposing the bill all year long, and their opposition also helped narrow the bill significantly to a pilot project on "regional conservation strategies" that are voluntary and non-binding. The Administration was supporting the bill and thus amending the bill was essential. The bill went down to the wire: the Administration requested amendments on the last day of session, requiring several floor maneuvers and a rush to move the bill from one house to another to obtain concurrence.

During the last two weeks of session, we also attended a meeting of the Little Hoover Commission, which is revisiting special districts. Despite allegations by the Howard Jarvis Taxpayers Association that water districts—including IRWD—were maintaining excessive "retained earnings," a coordinated strategy led by the California Special Districts Association was able to correct the inaccuracies before HJTA had a chance to testify. IRWD also testified before the Commission. During the fall, we will continue to work with CSDA on the second Little Hoover Commission hearing in October in order to prevent another report that inappropriately criticizes special districts and poses threats to property tax revenues that go to enterprise special districts.

I hope to continue working with IRWD's top-notch staff in advancing the District's innovative agenda in the coming legislation session. Our top priorities for 2017-2018, though yet to be fully determined, appear to be 1) our continued efforts to protect tiered rates and deal with the fallout from the San Juan Capistrano decision on Prop 218; 2) permitting the use of

recycled water in decorative lakes; and 3) preventing any attacks on enterprise special district reserves or property tax revenues.

We will also continue to work on any legislation affecting recycled water policy, as well as general water issues and overall local government issues impacting IRWD, such as the omnibus local government measures. We will work closely with WateReuse, ACWA, CMUA, CSDA, CASA, the Public Works Coalition and the California Water Foundation to advance our goals and ensure sound policy is developed for legislation in all of these areas.

We will also continue to monitor the State Water Resources Control Board as it continues to grapple with the drought and recycled water policy, as well as SGMA.

IRWD continues to be perceived as a leader in statewide policy on conservation and recycled water. Our participation in the development of the groundwater management legislation strengthened the District's reputation and image, and built stronger relationships with legislators and Administration officials. Our work this session on Prop 218 issues has raised our profile as an expert in this area as well. The reputation that IRWD has established over the years will continue to earn the District more attention in Sacramento as we pursue new initiatives. Though the election will bring in a new batch of legislators and could even give the Democrats a supermajority in the Assembly, we will continue to develop relationships with key members. Legislators and key administration officials have great interest in hearing from IRWD, touring IRWD facilities, and working with us on legislation, and we should continue to those efforts and maintain and strengthen those relationships.

The remainder of this letter describes the firm's background and the scope of services provided by O'Haren Government Relations.

Background

From 1997 to the end of 2004, Phil Isenberg and Maureen O'Haren provided government relations services to a host of clients through Miller, Owen & Trost. Our clientele included trade associations, local governments, corporations and non-profit organizations in a variety of fields. On January 1, 2005, we opened the doors to our own firm, Isenberg/O'Haren. In March of 2010, Phil Isenberg was appointed to the Delta Stewardship Council. The firm name was changed to O'Haren Government Relations, with Maureen O'Haren as principal, and the firm continues to provide the District with the same dedicated, personal service and belief in the District's mission.

General Scope of Services

O'Haren Government Relations provides full-service lobbying and government relations services for its clients. The following is a general list of the services:

- Strategic planning and consultation.
- Introduction to specific legislators and administration officials.
- Lobbying legislation and budget issues of concern or interest to the client.
- Bill tracking and monitoring.
- Regular communications and updates regarding priority issues.

- Staffing of sponsored legislation.
- Drafting of legislative language, including amendments.
- Testimony in committee hearings.
- Preparation of testimony for client representatives.
- Setting up meetings for district executives and board members.
- Briefing of client representatives for meetings and hearings.
- Preparation of letters and other written materials for legislators and administration officials.
- Coordination with coalitions and trade associations in legislative strategy, lobbying, committee hearings and grassroots activities.
- Advocacy on regulatory matters.
- Maintenance of relationships with legislators, administration officials and key staff.
- Representation of client at coalition meetings.

Irvine Ranch Water District Proposal

Below is a general outline of the priority areas of advocacy for the 2017-2018 legislative session. All of these activities would be undertaken pursuant to IRWD direction.

ISSUE: Water Conservation, Water Recycling, Water Rights and Related Legislative Issues

GOAL: Protect and advance District interests in policy issues.

TASKS:

- Provide full lobbying services (as described above), consistent with strategic direction, on priority legislation introduced or identified by IRWD and bills introduced and identified by industry groups, such as ACWA, CMUA, WateReuse, CASA and CSDA.
- Assist in development of position, strategy and amendments on priority legislation and assist in drafting of position letters and amendments.
- Attend negotiating sessions with author's staff and strategy meetings of associations. Influence association position so that it is consistent with and supportive of IRWD position.
- Testify as needed on legislation and report on results.
- Provide regular reports on priority legislation and reassess strategy and position as issues develop.
- Identify and notify the District of any specific legislation or developments that may have significant impact on IRWD.
- Monitor negotiations on relevant legislation.

ISSUE: State Budget

GOAL: Minimize the impact on the District's property tax allocation, reserves and

investment interests.

TASKS:

- Gather and report budget intelligence regarding property tax policy.
- Monitor Little Hoover Commission reports on special districts and any oversight hearings that result.
- Maintain communications with key staff on budget and related issues.
- Maintain communications with ACWA and CMUA staff on budget developments.
- Work with coalition partners on common issues, such as property tax and reserve issues affecting enterprise special districts.
- Schedule and attend lobbying meetings with legislators, key staff and administration officials in advance of budget subcommittee hearings, as needed.
- Provide budget updates to the District.
- Provide budget analyses of new budget proposals of concern.
- Advocate with key entities, including trade associations, coalitions and administrative agencies as needed.
- Monitor budget committee hearings and activities related to local government agencies.
- Provide public testimony in budget hearings when appropriate and consistent with strategy.

ISSUE: Special District Oversight, Local Government Law, Pension Reform
GOAL: Protect IRWD interests in any legislation establishing new requirements or other reform measures affecting special district governance, financing, contracting and operations.

TASKS:

- Review and assist in the development of policy goals.
- Analyze all relevant legislation.
- Advocate in accordance with IRWD priorities and position. Identify areas in which IRWD is different from other water districts as unique characteristics of governance structure, financing or ethics policies may allow IRWD to achieve special recognition, or exclusion, from larger efforts in this area.
- Meet with identified legislators, key staff and other key decision makers as necessary.
- Influence member associations such as ACWA, CMUA, CSDA and others to ensure they support or promote IRWD position.
- Determine whether testimony at committee hearings is appropriate and testify as needed.
- Prepare regular updates.
- Lobby Administration officials on IRWD position if necessary.
- Watch for any and act on any problematic legislation.

ISSUE: Bond Funding and Financing
GOAL: Ensure IRWD Opportunities in these areas and protect IRWD flexibility

TASKS:

- Monitor all bond measures that may provide funds for water projects.
- Maintain communications with key staff involved in budget and bond funding and implementation.
- Monitor budget negotiations for funding opportunities.
- Review implementation language regarding consistency with IRWD projects.
- Ensure implementation of water bond measure reflects IRWD interests.

ISSUE: Wetlands Oversight and Policy

GOAL: Protect IRWD’s Natural Treatment System

TASKS:

- Monitor intelligence on emerging policy relating to wetlands.
- Coordinate with District staff on any issues arising out of SWRCB workgroup and board meetings dealing with wetlands regulation or legislation.
- Advocate the advantages of IRWD’s Natural Treatment System.
- Monitor any legislation related to wetlands policies.

Fee Proposal

O’Haren Government Relations proposes a monthly retainer of \$6,500, plus reimbursement of additional costs such as travel costs (with prior-authorization) by IRWD (including airfare, ground transportation, meals, hotel, etc), as well as extraordinary costs, when necessary, such as courier services, conference calls, mailing, printing, costs associated with business meetings and other similar costs for IRWD-specific work. We agree to a limitation of \$3,900 in costs per year.

We hope that this letter provides you with an adequate scope of services. Thank you again for our continued relationship.

Regards,

MAUREEN O’HAREN

APPROVED BY: _____ DATE: _____

**Paul Cook, General Manager
Irvine Ranch Water District**

October 24, 2016

Prepared and

submitted by: C. Compton *cc*

Approved by: Paul Cook *[Signature]*

ACTION CALENDAR

2017-2018 FEDERAL LOBBYING AND ADVOCACY SERVICES

SUMMARY:

Irvine Ranch Water District's current 24-month contract with The Furman Group for federal lobbying and consulting services expires on December 31, 2016. Staff recommends the Board approve a sole-source Professional Services Agreement with The Furman Group for federal lobbying and advocacy services during the 115th congressional session. The new contract would include a \$12,500 monthly retainer plus reimbursement of direct expenses. The proposed new agreement reflects no increase in the amount of the monthly retainer from the current agreement of \$12,500 per month.

BACKGROUND:

IRWD continues to be a leader in water resources public policy and governance. During the 114th congressional session, the District engaged in a number of federal policy discussions regarding water infrastructure, water supply reliability and the Water Resources Development Act (WRDA). Many of these discussions are expected to carry over into the 115th Congress. The services to be provided by The Furman Group would allow the District to maintain continuity in its current federal representation throughout the entire 115th Congress. Attached as Exhibit "A" is the scope of work and cost estimate for representation by The Furman Group for the 115th congressional session.

Some of the policy areas expected to be of priority for IRWD in the 115th Congress are addressed in The Furman Group's scope of work and are summarized as follows:

- *WRDA:* Secure an authorization in the Water Resources Development Act for the Syphon Reservoir Recycled Water Storage Project;
- *Other Legislation:* Continue to work on Title XVI legislation, seeking clarity on the tax-exempt status of water conservation rebates, passing reservoir reoperation language, and protecting land surrounding the Syphon Reservoir; and
- *Other Activities:* Assist IRWD on federal regulatory and funding issues beyond those associated with the Syphon Reservoir Recycled Water Storage Project.

The Furman Group provides the District with a high level of service, knowledge, credibility and access in Washington, D.C. Additionally, The Furman Group assists the District in ongoing efforts to build and maintain relationships with key policy makers in Congress, the Administration and within federal agencies.

To aid IRWD in its federal advocacy efforts, staff recommends that the Board authorize the execution of a new Professional Services Agreement with The Furman Group for a 24-month period, beginning January 1, 2017, through December 31, 2018. Entering into a 24-month

contract with The Furman Group would allow the District to maintain continuity in its current Washington, D.C. representation throughout the entire 115th Congress.

FISCAL IMPACTS:

The current contract with The Furman Group, which will expire on December 31, 2016, is for a 24-month term. The current contract included a \$11,500 monthly retainer plus reimbursement of direct expenses for the first year of the contract and a \$12,500 monthly retainer plus reimbursement of direct expenses for the second year of the contract for a total contract amount not to exceed \$324,000.

The proposed contract with The Furman Group would cover the period of January 1, 2017, through December 31, 2018, at \$12,500 per month plus reimbursable direct expenses. If approved by the Board, the new contract will be charged against the FY 2016-2017, FY 2017-2018 and FY 2017-2018 Operating Budgets. The total requested contract authorization is for \$336,000.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was submitted to the Water Resources Policy and Communications Committee on October 19, 2016.

RECOMMENDATION:

THAT THE BOARD APPROVE A SOLE-SOURCE 24-MONTH PROFESSIONAL SERVICES AGREEMENT, FROM JANUARY 1, 2017, THROUGH DECEMBER 31, 2018, WITH THE FURMAN GROUP FOR \$12,500 PER MONTH PLUS REIMBURSABLE DIRECT EXPENSES FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$336,000.

LIST OF EXHIBITS:

Exhibit "A" – Proposal for Professional Services from The Furman Group



September 14, 2016

Mr. Paul Cook
General Manager
Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, California 92619-7000

Dear Paul:

I am writing to propose an extension of our existing consulting Memorandum of Agreement (“MOA”) with the Irvine Ranch Water District (“IRWD”). We propose a two-year extension to continue our work on IRWD’s behalf in pursuing a Federal authorization for the Syphon Reservoir Recycled Water Storage Project through the Water Resources Development Act (“WRDA”) and other important matters. In addition, we will continue to serve as IRWD’s liaison to Members of Congress, professional staff, and the Federal agencies in Washington, D.C. Over these recent years, The Furman Group has also identified new avenues of engagement for IRWD on public policy and we will continue to develop those opportunities collaboratively with your team.

BACKGROUND

The Furman Group has worked on behalf of IRWD since 2001. That year, TFG developed legislation that authorized the Bureau of Reclamation to participate up to \$20 million in the design, planning, and construction of projects to naturally treat impaired surface water, reclaim and reuse impaired groundwater and provide brine disposal within the San Diego Creek Watershed. In 2004, the legislation was enacted into law. And in 2009, the final appropriations were awarded to IRWD through the American Recovery and Reinvestment Act.

After these achievements, TFG has focused on authorizing the Syphon Reservoir Recycled Water Storage Project through the Army Corps of Engineers (“Corps”). In June 2014, the President signed into law the Water Resources Reform and Development Act (“WRRDA”), which establishes a new authorizing program for locally sponsored water infrastructure projects through Section 1014, the *Study and Construction of Water Resources Development Projects by Non-Federal Interests*. This program was created to circumvent the Congressional ban on earmarks and provide an authorizing mechanism for local communities to partner with the Federal government on important water infrastructure projects.

Following the enactment of WRRDA 2014, TFG has been working with the Irvine Ranch Congressional Delegation, U.S. Army Corps of Engineers (USACE), and key Members of Congress to obtain funding for the Syphon Reservoir Recycled Water

Storage Project. The Furman Group organized various Congressional letters asking the USACE to release implementation guidelines for Section 1014 of WRRDA 2014. Despite clear Congressional intent, the USACE took the position that Environmental Infrastructure (EI) projects, including water recycling projects, are ineligible under Section 1014 of WRRDA.

As a result, The Furman Group worked with Rep. Ken Calvert (R-CA) and Rep. Tony Cardenas (D-CA) on a letter to the USACE urging that they make environmental infrastructure projects eligible under Section 1014 of WRRDA 2014. The letter received 30 Congressional cosigners. In addition, The Furman Group worked with Rep. Mimi Walters (R-CA) and Rep. Jared Huffman (D-CA) to introduce H.R. 2689, which would provide a legislative fix to this issue. The bill attracted 39 bipartisan cosponsors. Currently, The Furman Group is working with the Chairman of the House Transportation and Infrastructure Committee, Bob Gibbs (R-OH), to place H.R. 2689 into the Water Resources Development Act of 2016.

In addition to our work pertaining to the Syphon Reservoir project, The Furman Group has been working to revitalize and reform the Bureau of Reclamation's Title XVI program into a competitive grant program. Title XVI is a widely popular program and has received tremendous bipartisan support from Members of Congress. A reformed Title XVI program would provide IRWD another mechanism for funding water supply initiatives.

In June 2015, working in conjunction with IRWD and others, The Furman Group formed an ad hoc coalition consisting of some of the largest water districts in Southern California to lobby Congress to revitalize and reform Title XVI as an earmark free program. Through the coalition, The Furman Group has worked with Members of Congress and water districts in California and throughout the country to help push reformed Title XVI language. The objective of this coalition was to place Title XVI revitalization language into a comprehensive drought bill. One of the first actions of the ad hoc coalition was to send a letter to Senator Feinstein signed by 22 water districts in California, which urged her to include reformed Title XVI language. On July 21, 2015, Members of the Coalition briefed key Members of Congress in Washington, DC on the importance of revitalizing Title XVI as part of comprehensive drought legislation. Meetings were held with the key players on this legislation, including senior staff for Senators Dianne Feinstein (D-CA) and Lisa Murkowski (R-AK) as well as a key staffer for the House Majority Leader, Rep. Kevin McCarthy (R-CA). As a result of these meetings, Title XVI language was included as a component in Senator Feinstein's drought bill that was introduced in July. In December 2015, Title XVI language was included in a compromise package that was never introduced. TFG continues to work with Senator Lisa Murkowski (R-AK), Senator Feinstein (D-CA) and the House California Delegation to find a vehicle for Title XVI revitalization language.

TFG has also been assisting Irvine Ranch Water District on legislation pertaining to the establishment of a National Monument in the Santa Ana Mountains. Rep. Ed

Royce (R-CA) indicated his intention to introduce legislation that would designate Santa Ana Mountains as a National Monument. IRWD expressed concerns over the legislation, specifically that if the bill were to be enacted, more restrictions would be placed on Syphon Reservoir. TFG was successful in getting the proposed bill amended so that water utilities and infrastructure would receive the same protections and authorities as given to the electric and communication utilities.

On behalf of IRWD, TFG has been working on to clarify the tax-exempt status of water conservation rebates. The Furman Group worked with Rep. Jared Huffman (D-CA) to introduce legislation that would create parity between rebates for water conservation and the current tax status for energy efficiency rebate measures. The Furman Group worked with Senator Dianne Feinstein (D-CA) on similar language that was attached as an amendment to the FAA Reauthorization Act. TFG continues to work with Members of the House Ways and Means and the Senate Finance Committee to remedy this issue.

With important legislation pending on the Hill, it is crucial to connect with legislators and The Furman Group has facilitated numerous meetings between Irvine Ranch Water District and key Congressional players. In April of 2015, TFG facilitated meetings to discuss WRRDA between Members of Congress and IRWD's team comprised of Board President Mary Aileen Matheis, Director Steve LaMar, Director Peer Swann, Paul Cook, and Christine Compton. This face-to-face time assures that Members and their staff are aware and informed about IRWD's project and goals. In addition, The Furman Group continues to assist Board Director Steve LaMar in his role as Chair of the Federal Affairs Committee for the Association of California Water Agencies. In this capacity, TFG collaborates with the Association's lobbyists, attends meetings with (and on behalf) of Director LaMar, and assists in the advocacy of legislation that is supported by the Association. TFG strives not only to protect the interests of IRWD on the Hill but also to ensure that IRWD is chosen to testify and represent itself and the broader water recycling cause.

2017-18 STRATEGY AND SCOPE OF WORK

Our main goal for the upcoming two years is to secure an authorization in the Water Resources Development Act for the Syphon Reservoir Recycled Water Storage Project. In the coming months, we will be working closely with Senator Feinstein, Representatives Walters, Rohrabacher and Sanchez, and their staff to ensure that the Irvine project is one of their top priorities for inclusion in the next WRDA reauthorization bill. In addition to WRDA, The Furman Group will continue to work on Title XVI legislation, seeking clarity on the tax-exempt status of water conservation rebates, reservoir reoperation language, as well as protecting land surrounding the Syphon Reservoir.

The Furman Group is aware that IRWD at times may need assistance on Federal regulatory and funding issues beyond the scope of work required to authorize the Syphon Reservoir Recycled Water Storage Project, and we look forward to assisting IRWD staff on any issues that may arise.

TERM, FEES AND EXPENSES

The Furman Group's standard policy is to enter into contracts with its clients for the duration of an entire Congress. Our retainers are based, in part, upon the time that we estimate the representation will require on the part of our professionals, the difficulty of the projects in comparison to other projects, and such intangibles as the amount of political capital that will be necessary for the firm to expend to accomplish the client's goals.

For the upcoming renewal, TFG proposes to maintain the current monthly fee of \$12,500. Out-of-pocket expenses directly attributable to our representation of IRWD would also be charged.

CONCLUSION

Once again, thank you for providing us with the opportunity to present you with this proposal. We look forward to continuing our work on behalf of the Irvine Ranch Water District. Please don't hesitate to contact Mallika Vastare, Brian Funk or me with any questions.

Sincerely,

A handwritten signature in cursive script that reads "Hal Furman". The signature is written in dark ink and is positioned above the printed name.

HAROLD W. FURMAN II

October 24 2016

Prepared by: K. Welch

Submitted by: F. Sanchez/P. Weghorst *FW*

Approved by: Paul Cook *PC*

ACTION CALENDAR

VARIANCE REQUEST FOR BASELINE PROPERTY ASSESSMENT WORK BY DEE JASPAR & ASSOCIATES

SUMMARY:

Baseline property assessments are essential due diligence investigations that take place prior to purchasing properties. The District has retained Dee Jaspar & Associates, Inc. (DJA) to perform baseline property assessments on parcels being considered for purchase within the Palo Verde Irrigation District (PVID). A variance to IRWD's Professional Services Agreement with DJA is necessary to continue performing property assessment work on new PVID properties being considered by the District. Staff recommends that the Board approve Variance No. 3 to the Professional Services Agreement with Dee Jaspar and Associates, Inc. in the amount of \$145,000 for baseline property assessment work on properties of interest in Palo Verde Irrigation District.

BACKGROUND:

In November 2016, the District entered into a Professional Services Agreement with DJA to complete a baseline property assessment of the Eaton property within PVID. The Professional Services Agreement was approved by the General Manager in the amount of \$65,000. The work included the following:

- Preparing a Preliminary Title Report;
- Performing an Environmental Phase 1 Site Assessment;
- Examining surface soils;
- Assessing flood and seismic hazards;
- Conducting a crop water use study;
- Reviewing mineral rights;
- Performing an American Land Title Associates (ALTA) survey; and
- Reviewing the general plan and zoning designations.

Variance Nos. 1 and 2:

As the District proceeded with baseline property assessments of additional PVID properties, two variances to DJA's agreement were approved within staff signatory authorities for a total of \$96,722, as follows:

- Variance No. 1 in the amount of \$48,295 was approved for baseline property assessment work on the Martin and Holt properties, and
- Variance No. 2 in the amount of \$48,427 was approved to complete a baseline property assessment of the proposed Strochein property, and to subcontract and oversee a local drilling company to abandon a well and associated piping from the Martin property.

Staff has been satisfied with the responsive, cost effective and professional services that DJA has provided in completing baseline property assessments. Staff recommends that DJA be retained to continue providing such services on additional properties of interest in PVID.

Additional Property Assessments:

IRWD has submitted non-binding Letters of Intent to purchase three additional properties in the PVID area. Depending on the number of parcels and potential for issues of concern, staff expects that the cost for the baseline property assessment work will be approximately \$48,000 per property. To be prepared to conduct baseline property assessments on these properties or others, staff recommends that Variance No. 3 to the District's Professional Services Agreement with DJA be approved in the amount of \$145,000. Variance No. 3 and the associated scope of work are attached as Exhibit "A". At staff's request, DJA will prepare a scope of work, budget and schedule for each property to be assessed, and work will be authorized as needed on an on-call basis.

FISCAL IMPACTS:

The cost for the baseline property assessment work on prospective property acquisitions is included in Project No. 11869 (6242) and sufficient budget exists in the FY 2016-17 Capital Budget to cover this work.

ENVIRONMENTAL COMPLIANCE:

Any new lands purchased for water supply purposes would be subject to compliance with the California Environmental Quality Act of 1970 (as amended), codified at California Public Resources Code Sections 21000 et. seq., and the State CEQA Guidelines in the Code of Regulations, Title 14, Division 6, Chapter 3.

COMMITTEE STATUS:

This item was reviewed by the Supply Reliability Programs Committee on September 27, 2016.

RECOMMENDATION:

THAT THE BOARD APPROVE VARIANCE NO. 3 TO IRWD'S PROFESSIONAL SERVICES AGREEMENT WITH DEE JASPAR AND ASSOCIATES, INC. IN THE AMOUNT OF \$145,000 FOR BASELINE PROPERTY ASSESSMENT WORK ON PROPERTIES OF INTEREST IN PALO VERDE IRRIGATION DISTRICT.

LIST OF EXHIBITS:

Exhibit "A" – Variance No. 3 for Dee Jaspar & Associates, Inc. Professional Services Agreement

EXHIBIT "A"

IRVINE RANCH WATER DISTRICT PROFESSIONAL SERVICES VARIANCE

Project Title: Blythe Properties - Baseline Property Assessment

Project No.: 11869/6245 Date: September 22, 2016
 Purchase Order No.: 531747 Variance No.: 3

Originator: IRWD ENGINEER/CONSULTANT Other (Explain) _____

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

Continuance of baseline property assessment work for PVID properties under consideration as part of due diligence prior to finalizing a property purchase. There is an urgent necessity to complete the assessment work during the designated due diligence period. This Variance #3 is for assessment work on additional properties of interest and work will be authorized as needed on an on-call basis. DJA will prepare a scope of work, budget and schedule for each property to be assessed.

Engineering & Management Cost Impact:

Classification	Manhours	Billing Rate	Labor \$	Direct Costs	Subcon. \$	Total \$
To be determined						
Total \$ =						

Schedule Impact:

Task No.	Task Description	Original Schedule	Schedule Variance	New Schedule

Required Approval Determination:

Total Original Contract \$ <u>65,000.00</u>	<input type="checkbox"/> Director: Cumulative total of Variances less than or equal to \$50,000. <input type="checkbox"/> Executive Director: Cumulative total of Variances less than or equal to \$75,000. <input type="checkbox"/> General Manager: Cumulative total of Variances less than or equal to \$100,000. <input checked="" type="checkbox"/> Board: Cumulative total of Variances greater than \$100,000.
Previous Variances \$ <u>96,722.00</u> This Variance \$ <u>145,000.00</u>	
Total Sum of Variances \$ <u>241,722.00</u> New Contract Amount \$ <u>308,722.00</u>	
Percentage of Total Variances to Original Contract <u>372</u> %	

ENGINEER/CONSULTANT: _____
 Company Name

IRVINE RANCH WATER DISTRICT

Project Engineer/Manager _____ Date _____

Department Director _____ Date _____

Engineer's/Consultant's Management _____ Date _____

General Manager/Board _____ Date _____

October 24, 2016

Prepared by: Rob Jacobson

Submitted by: Cheryl Clary

Approved by: Paul Cook



ACTION CALENDAR

LAKE FOREST / SERRANO SUMMIT PROPERTY PROPOSED DEVELOPMENT AGREEMENT AMENDMENT

SUMMARY:

Staff is recommending approval of an amendment to the Development Agreement between the District and the City of Lake Forest (City) to resolve certain development issues related to the City's planned Civic Center site which is a part of the Serrano Summit project.

BACKGROUND:

In July 2008, the Board approved a Development Agreement (DA) between the District and City, providing terms under which development could occur on the Serrano Summit property. The DA was subsequently approved by the City Council in August 2008. In February 2012, the City Council approved the Serrano Summit tentative tract map (TTM), the corresponding Area (Specific) Plan for the property, as well as certification of a project-specific Environmental Impact Report (EIR). The Serrano Summit project will include up to 608 residential units, neighborhood and passive parks, a city hall and civic center complex, and IRWD operating facilities.

Following TTM approval, the District retained Lewis Operating Group to manage the process to obtain a recordable final map for the Serrano Summit project. Obtaining a recordable final map is an important entitlement milestone and is expected to add significant value to the property. Since then, the necessary design and environmental consultants have been retained for final map processing.

Early in the final map process, the District's environmental consultant determined that jurisdictional wetlands issues existed on the portion of the site dedicated by the District to the City for its planned Civic Center requiring additional environmental permitting authorization not addressed in the City-managed Serrano Summit EIR. Following a 42-month process working with the City and the U.S. Army Corps of Engineers (Army Corps), the required environmental permits were issued for the Civic Center site earlier this year. The required onsite wetlands mitigation necessary for permit issuance will leave approximately 7.46 net useable acres for the Civic Center site, compared to the required "nine net acre" graded pad the District committed to provide the City in the DA.

Development Planning Update:

In early October 2016, District consultant Michael Baker International (MBI) submitted the Serrano Summit project final map improvement plans to the City. The improvement plans include required infrastructure (grading, utilities, landscaping, etc.) for the future residential development area, the City's Civic Center site and District operating facilities, including a primary future access road to the new Baker Treatment Plant facility.

Proposed Development Agreement Modifications:

District and City staff, as well as project consultants and respective legal counsels have held numerous meetings since October 2012 in an effort to resolve the wetlands permitting and mitigation issues and address the resulting loss in net acreage to the Civic Center site. Proposed modifications were initially discussed with the Board in October 2014 and, due to delays in the environmental permitting process, were postponed until final onsite mitigation requirements could be confirmed. The proposed modifications to the DA are recommended primarily due to the reduction in net acreage being dedicated to the City (from 9.00 net acres to 7.46 net acres) for its planned Civic Center facilities, as well as clarifications to the DA's Self-help provisions. Proposed modifications to DA terms include the following:

- A boundary change to the City's current Civic Center site to provide an additional 0.67 net acres (resulting in 8.13 net acres);
- An adjustment of the nine-acre fee credit received by the District from the City per the terms of the DA. The fee credit of \$1,450,000 per acre applies to in-lieu affordable housing fees, in-lieu park fees and future Development Impact fee credits as provided below; and,
- Modification of certain Self-help provisions included in the DA which provide alternatives for the City to proceed with grading and development of its site in the event grading of the residential site is delayed. Based on the current timeline for the two projects, it is likely that the City will proceed prior to residential development.

Recommended modifications to the DA's "Public Benefits" section are shown in the draft copy, attached as Exhibit "A".

Proposed Civic Center Site Modifications:

Staff has previously reviewed potential civic center site plan options with the Asset Management Committee incorporating design modifications from the District's project civil engineer MBI and the City's consultants. As a result of onsite mitigation required for environmental permitting, the current site plan concept provides the City with a maximum net pad area of about 7.46 acres, rather than the "nine net acre" pad the District committed to provide per the DA terms.

The proposed modified site plan would adjust the boundary of the City's property by shifting the future Indian Ocean Drive. A copy of the proposed site plan is attached as Exhibit "B". The proposed change would add about 0.67 net acres to the City's site, bringing the pad size to approximately 8.13 net acres and satisfying its parking requirement which was a significant concern. The change would also reduce the Serrano Summit future development area by the same acreage.

Proposed Fee Credit Adjustment:

The DA includes credits to the District of \$1.45 million per acre based on the anticipated nine net acre Civic Center site, for a total credit of \$13.05 million. The credits were applied to Serrano Summit’s in-lieu affordable housing fee and in-lieu park fee requirements, with the balance as a credit toward required future Development Impact fees. The specific allocation of credits is shown in the table below.

Credit for:	Acres	@ \$1.45M per acre
In-lieu affordable housing fees	4.55	\$ 6.60 million
In-lieu city park fees	2.95	4.28 million
Future Development Impact fees	1.50	2.17 million
<i>Totals</i>	9.00	\$13.05 million

The in-lieu affordable housing credit amount is based on residential development of up to 550 units, with any additional units requiring fees as outlined in the DA. The fee credit allows for development of Serrano Summit without a requirement to build affordable housing units. In-lieu park fees credits were based on the park requirement for Serrano Summit, less a credit for planned onsite public parks. The proposed adjustment would not apply to the in-lieu affordable housing or park fee credits. Future Development Impact fee credits represent a credit held by the District (or future developer) towards future per unit development fees required for all Opportunity Study Area (OSA) developments.

Based on the reduction in pad size for the Civic Center site from 9.00 acres to 8.13 acres, the City has proposed an adjustment of the 1.5 acres of Development Impact fee credits transferred to the District per DA terms. The City proposes that the Development Impact fee credit be adjusted such that the District’s Development Impact fee credit would be reduced from 1.50 acres to 0.815 acres, or a reduction in value of \$993,250.

Proposed Self-help Modifications:

Based on the City’s current expectation that it will proceed with grading and construction of its site prior to Serrano Summit’s planned residential development, City staff has also requested modifications to clarify certain DA Self-help provisions. The Self-help provisions provide the terms under which the City may proceed with grading and development of its site in the event development of the Serrano Summit residential project is delayed. District legal counsel has reviewed and provided input on the proposed DA revisions including those related to Self-help.

Based on discussions between District and City staff and project consultants, clarifying terms related to responsibility for payment of certain grading/improvement costs under Self-help was needed. The proposed clarification of terms are included in the draft amended “Public Benefits” section of the DA provided as Exhibit “A” and are further summarized in the attached Exhibit “C”. Under the proposed terms, the City would fund the majority of related site grading

construction costs, with reimbursable amounts being repaid by the District from escrow proceeds when the development property is sold.

FISCAL IMPACTS:

The City's proposed adjustment to Development Impact fee credits would result in a reduction of 0.685 acres from the District's current fee credit of 1.50 acres, or a reduction in fee credit value of \$993,250 (based on value of \$1.45 million per acre).

ENVIRONMENTAL COMPLIANCE:

This project is subject to the California Environmental Quality Act (CEQA) and in conformance with the California Code of Regulations Title 14, Chapter 3, Article 7, an EIR was certified by the City of Lake Forest on February 7, 2012.

COMMITTEE STATUS:

This item was reviewed by the Asset Management Committee on October 17, 2016.

RECOMMENDATION:

THAT THE BOARD APPROVE OF THE PROPOSED SECOND AMENDED DEVELOPMENT AGREEMENT BETWEEN THE DISTRICT AND CITY OF LAKE FOREST FOR THE SERRANO SUMMIT PROJECT TO MODIFY THE BOUNDARY OF THE CITY'S CURRENT CIVIC CENTER SITE, ADJUST THE RELATED DEVELOPMENT IMPACT FEE CREDIT AND MODIFY SELF-HELP PROVISIONS, SUBJECT TO NON-SUBSTANTIVE CHANGES.

LIST OF EXHIBITS:

Exhibit "A" – Draft Second Amended Development Agreement - "Public Benefits" Terms

Exhibit "B" – Lake Forest Civic Center Site Plan Concept

Exhibit "C" – Summary of Proposed Self-Help Payments/Responsibilities

Exhibit "A"

EXHIBIT "F"¹ PUBLIC BENEFITS

In addition to complying with the Project conditions of approval which are designed to mitigate the significant environmental impacts of the Project, Owner has committed by this Agreement to contribute to the development of certain "Public Benefits."² The Public Benefits consist of contributions toward the "Public Facilities" (consisting of the City Facilities and the School Facilities) as described in this Exhibit "F" (collectively, "Owner's Facilities Obligations"). Any work on City Facilities shall be subject to prevailing wages. City shall have no obligation to construct the Public Facilities in any particular order or sequence, except as required by the EIR, and provided that City shall use LFTM Fees paid by Owner to construct the LFTM Improvements as they become necessary.

A. **City Facilities.** Owner shall make contributions towards the development of the City Facilities, as follows:

1. **Sports Park, City Hall and Community Center Facilities Fees.** Owner shall pay a fee in the amount of \$27,365 (the "Sports Park, City Hall and Community Center Facilities Fee") or as adjusted per Section 9.5 of this Agreement for each Unit constructed as part of the Project, subject to adjustment and the fee credit described in subparagraph A.4 below. The Sports Park, City Hall and Community Center Facilities Fees shall be due concurrently with the issuance of the building permit for each Unit, unless a different schedule is mutually agreed upon by the City and Owner. Subject to the City's issuance of fee credits for land dedications under subparagraph A.2 below, the City may commit the remainder of the Sports Park, City Hall and Community Center Facilities Fee to construction of facilities on land dedicated by Owner or other OSA Landowners or on other land in the Public Facilities Area of Benefit.

2. **Civic Center Land Dedication.** ~~As part of Owner's obligation under and City's obligations related to the Civic Center Site, as that term is defined in this paragraph, are described herein:~~

~~Owner shall, in accordance with the schedule set forth below, deliver to the City as a credit against Owner's Sports Park, City Hall and Community Center Facilities Fee previously delivered to City, and City accepted and executed, an Irrevocable Offer for of Dedication ("IOD") of of eleven and nine tenths (11.9) gross acres ("Prior IOD") in order to meet its obligation to deliver to the City nine (9) useable Net Acres (as defined below) of land generally located and improved as described in Attachments 2 and 3 to this Exhibit "F" (the "Civic Center Site. Because a portion of the property dedicated in the Prior IOD was subsequently determined to be not useable, Owner shall additionally deliver to the City, an IOD of point sixty- seven (0.67) useable Net Acres, not including~~

¹ Capitalized terms used in this Exhibit F shall have the same meaning as those terms are given in the body of this Agreement.

² In the case of the LFTM Program discussed below, the Public Benefits include Project mitigation and additional and/or accelerated improvements beyond Project mitigation which have been blended into a single improvement program.

Exhibit F-1
Public Benefits

any onsite mitigation/preservation area required by resource agencies (e.g., Army Corps of Engineers, Regional Water Quality Control Board, etc.) ("New IOD").

Through the combination of the Prior IOD and New IOD, Owner shall dedicate to City eight point thirteen (8.13) useable Net Acres of land generally located and improved as described in Attachments 2, 3, and 5 to this Exhibit "F" (the "Civic Center Site"). The land dedicated by the Prior IOD and New IOD shall serve as a credit against Owner's Sports Park, City Hall, and Community Center Facilities Fees as detailed below in this Paragraph A.2. Owner shall deliver the New IOD for the Civic Center Site no later than sixty (60) days after the date on which this Amendment becomes effective ("Amendment Effective Date"). City shall have five years from delivery of the New IOD to accept and execute the New IOD. Acceptance and execution of the New IOD shall be required prior to City exercising Self-Help provisions referenced in paragraph A(4)(d) of this Exhibit "F".

If, due to reasons other than the Owner's delay or Force Majeure, the City does not accept the New IOD within the deadline described in this Paragraph, ownership of the point sixty seven (0.67) useable Net Acres of the Civic Center Site provided in the New IOD shall remain with the Owner and shall be developable consistent with the Development Plan. In such event, Owner shall pay the fees for Owner's Facilities Obligations and other applicable fees and meet Neighborhood Park dedication and improvement requirements on additional Units constructed on the Civic Center Site. Owner may fulfill up to one-half (0.5) acre of its added Neighborhood Park dedication on the additional Units by augmenting the Nature/Passive Park acreage dedication on terms described below.

~~It is also~~ Subject to the acceleration and self-help provisions, below, and as part of Owner's Civic Center Site Obligations, as that term is defined, below, in paragraph A(4)(d) of this Exhibit "F", it is understood that the Civic Center Site shall be delivered by Owner to the City uncertified as to compaction. City will recertify site after taking title. If City provides Owner with an indemnification regarding the grading, Owner shall assign all rights and insurance contained within the grading and soils contractors' contract with Owner to the City, subject to City's approval of the language in the contracts regarding indemnification, warranty, and insurance.

Subject to the acceleration and self-help provisions, below, and as part of Owner's Civic Center Site Obligations, as that term is defined, below, in paragraph A(4)(d) of this Exhibit "F", the Civic Center Site shall contain ~~a nine~~ an eight point thirteen (8.13) acre rough graded pad with a ~~maximum 2% slope (the 2% maximum slope area criteria shall not apply to the slope internal to the pad and such slope~~ slope that meets the City's satisfaction, and such non-buildable slope(s) shall not be included in the "net" pad area calculations if allowed on the grading plan), street access to the perimeter of the site, wet and dry utilities to the perimeter of the site (including ~~an off-site~~ an off-site sewer line, ~~if necessary,~~ point of connection to provide fully functional sewer service for all of the ~~9-acre Property at all pad elevations~~ Civic Center Site, and connection to Project area storm drainage system.

Exhibit F-2
Public Benefits

ORANGE\SSMITH\46937 9-
55136.0467C\22927001.21

The Property will be bounded by Indian Ocean ~~Dr.~~ Drive on the northwest, the existing industrial uses on the north, and the regional trail on the east, as shown on the map on Attachment 2 to Exhibit "F". The building envelope of requisite street frontage, site depth, vertical elevation, and utility requirements will be as depicted on ~~Attachment~~ Attachments 3 and 5 to Exhibit "F". The exact boundary of the site will be determined by the grading plan and the City's site plan, and both parties acknowledge that the actual gross acreage offered for dedication to the City through the Prior IOD and New IOD will exceed ~~nine~~ eight point thirteen (98.13) acres, will run to certain property lines and right-of-way boundaries, and will include some slope banks adjacent to the Civic Center pad. Acreage calculated with the formula in this paragraph shall be referred to in this Agreement as "Net Acres". The location of the Civic Center Site and the improvements required under this Agreement may be modified with the mutual consent of Owner and City.

Within 30 days of the Effective Date, City shall provide Owner all draft biological and wetlands reports in City's possession.³ Owner shall submit a preliminary Civic Center Site property map ("Property Map") within 120 days of the Effective Date of this Amendment. The Property Map shall depict locations for onsite and offsite storm drain detention facilities to service the Civic Center Site, including a quantification of the total number of acres of each of the storm drain detention facilities. Upon receipt of the Property Map, City shall have 45 days to review and approve or disapprove the Property Map and select either the onsite or offsite site storm drain detention facilities depicted thereon. Owner and City shall use their best efforts to revise/re-submit and re-review the Property Map and to pursue in good faith agreement and City approval of the specific location and parameters of the Civic Center Site, consistent with the general parameters provided above within 30 days following Owner's revision and re-submittal of the Property Map. Upon approving the Property Map, City shall within 30 days provide Owner a proposed site plan and conceptual grading plans.

As part of the Amendment, Owner has provided City with a revised preliminary Civic Center Site property map ("Revised Property Map"), attached as Attachment 5 to this Exhibit "F".

Owner shall receive credit against (i) its Sports Park, City Hall and Community Center Facilities Fee obligation under this paragraph in the amount of \$1,450,000 per Net Acre for ~~1.5~~ (0.815) Net Acres ~~Acre~~ of this dedication under the Prior IOD and the New IOD, and (ii) the total acreage of the offsite storm drain detention facilities, should City elect to accept the offsite storm drain detention facilities depicted on the Revised Property Map, in the amount of \$1,450,000 per Net Acre, all subject to adjustment as described in subparagraph A.4 below.

~~Owner shall deliver City an IOD for the Civic Center Site (i) within 60 days of receipt of City's Notice of Intent to Accelerate Owner's Civic Center Site Obligations (defined below) or Notice of Intent to Exercise Self-help (defined below), or (ii) the submittal of the~~

³ The requirements of this entire paragraph have been completed by the Parties.

~~First Tentative Map Submittal Package, whichever occurs first. City shall have 5 years from the Effective Date to accept and execute the IOD; provided, however, City shall not accept the IOD prior to the later of (i) the Financing District Determination Date or (ii) thirty (30) days following the second reading of the ordinance authorizing the levy of special taxes of the Financing District. The foregoing notwithstanding, Owner shall offer, and City be permitted to accept and execute the IOD no later than 6 months prior to the expiration of the 5-year period for acceptance and execution of the IOD. The IOD shall not be accepted if Owner has provided City a written notice of termination pursuant to Section 9.4.4 of this Agreement. Should Owner not provide written notice of termination pursuant to Section 9.4.4 of this Agreement, the City may accept the IOD pursuant to the terms of this paragraph.~~

Subject to the acceleration and self-help provisions below, and as part of Owner's Civic Center Site Obligations, as that term is defined, below, in paragraph (A)(4)(d), Owner shall complete the following work on the Civic Center Site:

- all requisite grading including remedial work
- all requisite off-site detention basin construction, if City selects to utilize off-site detention
- jurisdictional wetlands and Coastal Sage Scrub habitat permitting and mitigation authorization, including the initial materials and planting, and to the extent available, Coastal Sage Scrub re-vegetation planting areas within the Project

City shall be responsible for the landscaping and maintenance of the slope banks within the Property, to include the gross property acreage as described on the Revised Property Map. City shall also provide Owner:

- any off site sources of suitable fill material that City may have, subject to availability
- land off site for jurisdictional wetlands and Coastal Sage Scrub habitat mitigation for the Civic Center Site that cannot otherwise be provided on site, subject to availability
- funding for monitoring, and maintenance of mitigation areas impacted by the Civic Center Site as required by the regulatory agencies.

~~If, due to reasons other than the Owner's delay or Force Majeure, the City does not accept the IOD within the deadline described above, ownership of the Civic Center Site shall remain with the Owner and shall be developable consistent with the Development Plan. In such event, Owner shall pay the fees for Owner's Facilities Obligations and other fees and meet Neighborhood Park dedication and improvement requirements on the additional Units. Owner may fulfill up to one-half (1/2) acre of its added Neighborhood Park dedication on the additional Units by augmenting the Nature/Passive Park acreage dedication on terms described below.~~

City shall commence construction of the Civic Center within 24 months after the earlier of (i) issuance of building permits for 70% of the total overall units approved by the City as part of the First Tentative Map process for the five (5) OSA member projects, or

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(ii) no later than 12 years from the Effective Date of the Development Agreement, and shall diligently continue construction until completed.

The Civic Center Site shall be used for Civic Center purposes, including those municipal services commonly provided by general law cities at city hall and civic center complexes, consistent with the requirements of City's Municipal Code. The following land uses shall not be included in plans for the Civic Center Site ("Restricted Uses"):

- Animal Shelter
- Dog Park
- Skate Park
- Roller Hockey Facility
- A maintenance yard whose primary purpose is maintenance and repair of vehicles and/or machinery. Day-to-day maintenance, upkeep and repair of City and Police vehicles and/or machinery shall be permitted.
- A fire station with the primary function of providing firefighting and paramedic services. Administrative offices of the Orange County Fire Authority or other fire department or fire authority shall be permitted.
- A permanent jail facility, excluding holding or similar cells as part of a sub-station of the Orange County Sheriff or other police department or law enforcement agency.
- A parking structure exceeding the greater of 3 stories or 36 feet in height.
- Storage or overnight parking of trash trucks.
- Third party retail uses requiring permits, but excluding vending machines.
- High Hazard Group H occupancy as defined and described in Section 307 of the 2007 California Building Code.
- Any use that violates the City's noise ordinance, contained in section 11.16 of the Lake Forest Municipal Code.
- Any use, purpose or activity not associated with those uses, purposes or activities normally associated with a civic center, including, but not limited to, city governance, community activities and gatherings, special community events, and related public uses and activities.

Development of the Civic Center shall be subject to review and permitting otherwise applicable to development under City's Municipal Code.

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Owner shall have the right to review and comment on the City's site plan, architecture, and site circulation. Prior to any public hearing on the Civic Center project, the City shall review Project plans with the Owner. The City acknowledges Owner's desire to create view opportunities for its development, consistent with the parameters depicted in Attachment 3 to this Exhibit "F".

Should the City attempt to sell, transfer or otherwise develop the Civic Center Site with Restricted Uses prior to the completion of the Civic Center, Owner shall have the right to repurchase the Civic Center Site at the original purchase price, less any unused credits or liens and encumbrances. Owner shall give written notice to City of its intent to repurchase the Civic Center Site, including an accounting of credits used, after which City shall have sixty (60) days to rescind its decision to sell, transfer or otherwise develop the Civic Center Site with restricted Uses. Upon repurchase of the Civic Center Site, Owner will thereafter pay Development Impact Fees and affordable housing in lieu fees for future building permits with no credits being granted. The repurchase price shall exclude any restructuring of the park credits, and shall only include the payment of fee amounts that have already been waived in securing a building permit prior to the repurchase. City shall receive payment for the waived fees already used by Owner at the time of closing on the repurchase. Escrow shall close on the repurchase of the Property within sixty (60) days after Owner gives notice to the City. City shall remove exceptions and encumbrances put on title unless otherwise approved by Owner.

3. Neighborhood Parks. In addition to Owner's dedication of land and/or payment of fees for the City Facilities described above, Owner shall dedicate to the City on a schedule determined in connection with the City's approval of Owner's First Tentative Map, neighborhood parkland at a rate of three net useable acres per 1,000 residents. Of this parkland, Owner shall dedicate to the City (i) 2.95 Net ~~useable~~Usable Acres of parkland located adjacent to Serrano Creek (the "Passive/Nature Park") generally located and improved as described in Attachment 1 to this Exhibit "F", and (ii) the remainder onsite. Parkland dedicated by Owner shall be improved by Owner subject to the Neighborhood Parks Improvement Criteria, described in Attachment 1 to this Exhibit "F."³⁴ Owner shall receive credit against the neighborhood parks requirement equal to 1.15 acres for each improved acre. All onsite neighborhood parks shall be planned and reviewed under the City's park planning process, and shall meet the criteria described below and in Attachment 1 to this Exhibit. The minimum size of neighborhood parks for which the City shall be required to provide credit shall be 0.5 acres.

Any land dedicated or otherwise conveyed to the City for the neighborhood parks shall: (i) be free and clear from all assessments, liens, and other monetary obligations or encumbrances, as shown by an American Land Title Association (ALTA) policy of title insurance; and (ii) be delivered in ~~"superpad" condition (consisting of rough grading with drainage approved by the City Engineer, all necessary utility infrastructure stubbed to~~

³⁴ For purposes of this Agreement, one residential unit shall be assumed to generate 2.91 residents.

property boundaries, an improved condition, as described above in Paragraph A(3) and in Attachment 1 to this Exhibit "F".

4. General Requirements for City Facilities.

a) Adjustments to Costs of City Facilities. The City shall, on July 1st of each year, commencing in 2009, apply an inflation escalator to: (i) the Sports Park, City Hall and Community Center Facilities Fee described in subparagraphs A.1 above, to the extent that they remain unpaid; and (ii) the amount of credit provided against Owner's Facilities Fee Obligation per qualifying acre of land dedicated by Owner, to the extent that the City has not accepted Owner's irrevocable offer of dedication, based upon the change in the Engineering News-Record (ENR) Building Cost Index for the Los Angeles area between the Effective Date and the date of the annual July 1 adjustment. In the event that the ENR Building Cost Index ceases to be published, the City shall select a successor third-party index which is designed to reflect generally-accepted changes in the cost of construction in Southern California.

b) Title and Condition of City Facilities Sites. Any land dedicated or otherwise conveyed to the City for the City Facilities or neighborhood parks shall: (i) be free and clear from all assessments, liens, and other monetary obligations or encumbrances, as shown by an American Land Title Association (ALTA) policy of title insurance; and (ii) be delivered in "superpad" condition (consisting of rough grading with drainage approved by the City Engineer, all necessary utility infrastructure stubbed to property boundaries, adjacent street improvements completed, and any required environmental remediation completed). However, land dedicated or otherwise conveyed to the City for neighborhood parks shall be delivered to the City in an improved condition, as described above in Paragraph A(3) and in Attachment 1 to this Exhibit "F". Land dedicated as part of the Owner's Civic Center Site Obligations, as that term is defined, below, in paragraph A(4)(d) of this Exhibit "F", land dedicated to the City for the Civic Center Site shall be delivered in the condition described in paragraph A(2) of this Exhibit "F".

c) Concurrent Processing. Owner shall include the Civic Center Site in (i) its analysis and applications for the Project's project level CEQA analysis and (ii) surveys, analysis, submittals, and applications to all resource agencies and regulatory agencies for the Project, provided that City provides the necessary information to Owner in a timely manner. All project level CEQA approvals shall be completed for the Civic Center Site in conjunction with the CEQA approvals for the Owner's Project, provided that City provides the necessary information to Owner within the deadlines described in this Agreement. Owner and City agree to pursue City's review of Owner's project level entitlements, as incorporating the Civic Center, with an application made to City within nine (9) months of the Effective Date and to use their reasonable efforts to complete First Tentative Map entitlements within 18 months of the Effective Date and final "A" Map entitlements

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within 24 months of the Effective Date. All resource agency permits, if any, shall be prepared for the Property by the Owner in conjunction with those required for the Owner's Project. The City shall cooperate with such approvals. The costs of these applications shall be paid by Owner.

Should the City's plans not be available and ready to submit within the timeframes outlined above and prior to Owner's submittal of relevant applications for Subsequent Approvals to the City, Owner will remove any reference to the Civic Center in its Project applications and proceed with its Project applications, excluding plans for the Civic Center Site.

Owner has submitted to the City a revised Area Plan and a revised First Tentative Map that, among other things, reflect the Revised Property Map. The costs of these revised applications shall be paid by Owner. Additionally, Owner shall pay any and all costs associated with the City's completion of environmental review for this Amendment, the revised Area Plan, and the revised First Tentative Map in accordance with the California Environmental Quality Act.

d) Acceleration and Self-help Provisions. If Owner has not commenced construction of the Civic Center Site improvements within thirty (30) months of the Effective Date, City may submit to Owner a written request for Owner to determine whether the Civic Center Site improvements can be constructed onsite ("Onsite") or offsite ("Offsite"). Onsite shall mean that construction of the Civic Center Site improvements will not result in extensive improvements beyond the Civic Center Site on the remainder of the Property, excluding normal construction access to the Civic Center Site and development of shared and adjacent slopes. Offsite shall mean that construction of the Civic Center Site improvements will result in extensive improvements beyond the Civic Center Site on the remainder of the Property, excluding normal construction access to the Civic Center Site and development of shared and adjacent slopes. City's construction of the entirety of Indian Ocean Drive, including the roundabout that intersects Indian Ocean Drive, as provided in Attachment "6" to this Exhibit "F", shall not constitute an "offsite" improvement for purposes of this Paragraph (A)(4)(d). Owner shall respond in writing to City's request ("Owner's Response") within 15 days of the date of the request.

If Owner's Response concludes that construction of the Civic Center Site improvements are Offsite, Owner may elect to (i) perform Accelerated Owner Completion (as defined below) or (ii) permit City to perform Owner's obligations for grading, preparation, delivery, permitting, and insuring title to the Civic Center Site ("Owner's Civic Center Site Obligations") as a City public works project (as defined below). Owner shall inform City of its election in Owner's Response. Should Owner elect to permit City to perform Owner's Civic Center Site Obligations as a City public works project, Owner reserves the right to review plans for any Offsite improvements beyond the Civic Center Site on the remainder of the Property, and Owner agrees to cooperate in good faith in any such review.

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If Owner's Response concludes that the Civic Center Site improvements are Onsite, City may elect to (i) require Owner to perform Accelerated Owner Completion (as defined below), or (ii) perform Owner's Civic Center Site Obligations as a City public works project (as defined below).

Before commencement of either Accelerated Owner Completion or City's performance of Owner's Civic Center Site Obligations as a City public works project, Owner shall deliver and City shall accept and execute the New IOD. As outlined above in this Section A(4)(d), the parties shall pursue one of the following alternatives:

(i) Accelerated Owner Completion. As specified above in Section A(4)(D), City may demand acceleration of, or Owner may elect to accelerate, Owner's Civic Center Site Obligations. Owner shall commence Owner's Civic Center Site Obligations within 10 days of the later of (i) receipt of City's Civic Center Site finalgrading plans and bid package, (ii) City's deposit into a City deposit account of the estimated funds necessary to advance Owner for payment of obligations during the accelerated completion of Owner's Civic Center Site Obligations, to be reimbursed to City as provided below in this Section A(4)(d), or (iii) 120 days from the date of Owner's Response (if Offsite) or upon 120 days' notice to Owner from the City ("Notice of Intent to Accelerate Owner's Civic Center Site Obligations") (if Onsite).

City's deposit shall be calculated as follows. Owner shall obtain three (3) hard cost bids from reputable licensed contractors engaged in constructing similar improvements. Of the three (3) bids, City's deposit shall be the average of the two (2) bids that are closest in amount to each other, plus a ten percent (10%) contingency, plus ten percent (10%) for Owner's overhead/contract administration fee, plus amounts to provide ordinary bonding and sureties for City construction projects (the "Total City Deposit").

Owner shall be paid from the deposit account within thirty (30) days of City's receipt of an invoice from Owner which must be received by City on the first day of the calendar month, plus an overhead/contract administration fee of ten percent (10%) of those invoices. Owner agrees to reimburse the City for the full amount withdrawn from the Total City Deposit, according to the schedule set forth below. Funds remaining in the deposit shall be remitted to City one year following City's acceptance of the Civic Center Site improvements.

(ii) City public works project/Self-help. City may pursue completion of the Civic Center pad as a City public works project, subject to City's normal regulations and processes for City construction projects. City shall commence work on the Civic Center Site as a City public works project upon ~~120~~30 days' notice to Owner from City ("Notice of Intent to Exercise Self-help"). Owner shall have the right to review and comment on the City's bid specifications and the City Engineer's estimate prior to the City's call for bids, and Owner may participate as a bidder in the bid process. City shall award the Civic Center Site contract to the lowest responsible bidder, pursuant to the City's public contract regulations. The bid award and final contract price may include up to a ten percent (10%) contingency. Owner agrees to reimburse the City for the Civic Center Site construction contract costs, including contingency amendments of up to ten percent (10%), if approved, and an overhead/contract administration fee to the City of ten percent (10%), according to the schedule set forth below.

Owner shall provide City all reasonable access to the Civic Center Site and the remainder of the Property (which does not include the Civic Center Site or areas identified as Irvine Ranch Water District Operating Facilities and shall be referred to as "Remainder of the Property") necessary to implement this self-help provision. Such reasonable access includes, without limitation, Owner providing City with a temporary construction license and/or entry permit to allow City, among other things, to enter the Remainder of the Property to haul and remove fill material from the Remainder of the Property consistent with approved grading plans for the project. The amount of fill material that City may remove from the Remainder of the Property will be consistent with approved grading plans and provided in the temporary construction license and/or entry permit and shall be consistent with the limits analyzed in the EIR and any CEQA documentation prepared for this Amendment. Such fill material will be placed on the Civic Center Site so that City may perform Owner's Civic Center Site Obligations, including rough grading the Civic Center Site. Owner shall not unreasonably withhold such temporary construction license and/or entry permit or the amount of fill necessary for City to rough grade the Civic Center Site.

Owner shall reimburse the City for amounts deposited to fund the Accelerated Owner Completion of the Civic Center Site or the Owner's Civic Center Site Obligations incurred by the City in completing the Civic Center Site as a City public works project according to a schedule approved in connection with Owner's revised Area Plan ~~(if previously submitted and approved with the First Tentative Map)~~, and in any event, Owner shall reimburse City at the earlier of (a)

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the close of escrow in the event that Owner sells, assigns, transfers, or conveys any portion the Remainder of the Property, or (b) within six (6) months of Owner's receipt of grading permits for the Remainder of the Property.

Following Owner or Owner's assignee's or transferee's reimbursement, as provided in the immediately preceding paragraph of this Section A(4)(d)(ii), the City may incur additional expenses related to City's performance of Owner's Civic Center Site Obligations. Should City incur additional expenses related to City's performance of Owner's Civic Center Site Obligations, City shall be reimbursed on a quarterly basis by (1) the new Owner, transferee, or assignee, if Owner sells, assigns, or conveys the Remainder of the Property, as provided in the immediately preceding paragraph of this Section (A)(4)(d)(ii); or (2) the Owner, if the Owner receives grading permits for the Remainder of the Property, as provided in the immediately preceding paragraph of this Section (A)(4)(d)(ii).

Should City exercise self-help and pursue completion of Owner's Civic Center Site Obligations as a City public works project, such City-completion shall be subject to the provisions of Attachment 6 to this Exhibit "F", "City Completion of Civic Center".

e) Maintenance of City Facilities. Owner shall provide the City with funds to pay for the Owner's proportionate share of the City's annual maintenance costs of the community center and sports park, with one of the following options: (i) Owner shall pay a fee in the amount of \$760 for each residential unit concurrently with the issuance of the building permit for that residential unit; or (ii) Owner shall pay the costs through the formation of a Financing District for maintenance purposes. Owner shall select one of these options at the time of Owner's submission of its First Tentative Map for the Project. Notwithstanding Owner's selection of one of the preceding options, the City may, in lieu of either such option, add an improvement to the list of LFTM Improvements for Alton Parkway, notwithstanding Section A(5)(a) of this Exhibit F, provided the cost of such added improvement does not increase the LFTM Fee by more than \$760 per residential unit. City shall also decide whether to include Alton Parkway in LFTM before First Tentative Map approval.

5. LFTM Improvements.

a) Payment of LFTM Fees. Owner agrees that it shall pay the LFTM fees applicable to the Property, as provided in the LFTM Ordinance. Payment may be made as provided in Section 9.4 of this Agreement. City shall not add new improvements to the list of LFTM Improvements, provided that City may substitute less expensive alternative improvements for LFTM Improvements. City shall use LFTM fees paid by Owner to construct the LFTM Improvements, subject to City's authority to substitute less expensive alternative improvements for LFTM Improvements. The City's failure to timely complete the acquisitions or

improvements shall not be cause for the City to refuse to issue Subsequent Development Approvals for the Project.

b) Notice of LFTM Program to Developers and Purchasers of the Property. Owner shall include notice of the LFTM Program obligations pursuant to this Agreement in each instrument conveying any portion of the Property to a developer, merchant builder, or corporate or institutional purchaser of a portion of the Property.

c) Subsequent Improvements Required by CEQA. If, during subsequent environmental review of the Project or Project components, the City determines under subsections (a)(2) or (a)(3) of Section 15165 of the CEQA Guidelines that additional traffic mitigation not included in LFTM is required, the City shall either fund those improvements or adopt a statement of overriding considerations finding that the Project benefits offset and outweigh the unanticipated impacts.

d) Effect of Third-Party Funding for Traffic Improvements on LFTM Fee. The City shall make a reasonable effort to obtain third-party funding for LFTM Improvements, provided that the City shall not be obligated to seek such funding to the extent that obtaining funding for LFTM Improvements would reduce the funding available to the City for non-LFTM transportation improvements, and shall reduce the costs of the LFTM Improvements to reflect any funding received for LFTM Improvements from the State of California, County of Orange, North Irvine Transportation Mitigation Program (NITM), voter-approved transportation funding programs (not including assessment districts, Community Facilities Districts, or other financing vehicles established to provide funds for improvements and other obligations of the Opportunities Study landowners), or the Foothill Circulation Phasing Plan ("FCPP").

B. School Facilities. Owner shall comply with its obligations under the agreement between Owner and the Saddleback Valley Unified School District, attached as Attachment 4 to this Exhibit "F". Owner's failure to comply with such agreement shall constitute a Major Default for purposes of this Agreement.

ATTACHMENT 6 TO EXHIBIT "F"

CITY COMPLETION OF OWNER'S CIVIC CENTER OBLIGATIONS

Pursuant to Paragraph A(4)(d) of Exhibit "F" of this Agreement, under certain circumstances, City may exercise self-help and pursue completion of Owner's Civic Center Obligations as a City public works project, subject to City's normal regulations and processes for City construction projects. Should City make such an election, City and Owner's performance shall be as follows:

Cost to Develop Separate Plans

Owner's consultant(s) will provide design plans for the Civic Center Site and Owner's portion of the Project on the Remainder of the Property. In order for City to perform Owner's Civic Center Site Obligations, the plans will need to be separated so that the plans for the Civic Center Site design are separate from plans for the Owner's portion of the Project on the Remainder of the Property. To separate the previously designed plans into two sets of plans, Parties shall each bear fifty percent (50%) of the costs for Owner's consultant(s) to separate the previously designed plans.

Environmental Mitigation

Onsite Mitigation⁵

At its sole cost, Owner shall be responsible for onsite environmental mitigation of the Civic Center Site, as provided in Paragraph A(2) of Exhibit "F" of this Agreement before, during, and after the construction of the Civic Center Site improvements, until such onsite mitigation requirements are fulfilled. The Civic Center Site mitigation requirements, as more fully described below, are provided in the following documents, studies, and regulatory permits:

The plans and studies include, without limitation:

Mitigation Monitoring and Reporting Program of the Serrano Summit Area Plan 2009-01 and Tentative Tract Map No. 17331 Environmental Impact Report (SCH No. 2011051009) ("EIR");⁶ and

Final Compensatory Habitat Mitigation and Monitoring Plan for the Lake Forest Civic Center Project, dated July 2015 ("HMMP").

The regulatory permits include, without limitation (collectively, the "Environmental Permits):

⁵ For purposes of this Section B [not sure what Section B refers to] of Attachment 6 to Exhibit "F", "Onsite Mitigation" and "Offsite Mitigation" shall be areas described in the EIR, HMMP, and Environmental Permits, as those terms are defined in this Section B.

⁶ This EIR is the same as that introduced in Section 8.19 of the Agreement.

California Department of Fish and Wildlife Streambed Alteration Agreement (Notification No. 1600-2014-0005-R5) ("Streambed Alteration Agreement") signed by the Department on December 12, 2015. As part of the mitigation requirements under the Streambed Alteration Agreement, Owner shall be required to, among other things, plant materials along and on the slope of the new stream bed and mitigation area;

California Regional Water Quality Control Board Section 401 Water Quality Certification (WQC, File No. 302014-01) issued September 11, 2015 ("Section 401 Certification"); and

United States Army Corps of Engineers Section 404 Individual Permit (Corps File No. SPL-2013-00406-SME) issued April 6, 2016

City shall be responsible for any and all onsite environmental monitoring of the Civic Center Site before, during, and after the construction of the Civic Center Site improvements, until such onsite monitoring requirements are fulfilled. The Civic Center Site monitoring requirements are provided in EIR, HMMP, and Environmental Permits.

Offsite Mitigation

At its sole cost, City shall be responsible for any and all offsite mitigation and monitoring before, during, and after the construction of the Civic Center Site improvements, until such offsite mitigation and monitoring requirements are fulfilled. Offsite mitigation and monitoring requirements are also provided in the EIR, HMMP, and any and all applicable regulatory permits, including, without limitation, the Environmental Regulatory Permits.

Construction of Split Streambed

Per the Streambed Alteration Agreement, a new stream will be created on the Civic Center Site. A splitter box will passively split perennial flows evenly between the new created stream channel and the avoided portion of the existing stream.

Design

At its sole cost, Owner shall design the new stream and associated upstream improvements including, but not limited to, the new storm drain outlet and splitter box, as described in the Streambed Alteration Agreement.

Construction

At its sole cost, the City shall construct the new stream. City shall advance costs and construct the upstream improvements associated with the new stream, including,

Attachment 6 to Exhibit "F"-2
City Completion of Civic Center

without limitation, the new storm drain outlet and splitter box. Owner shall reimburse City for the cost to construct the upstream improvements associated with the new stream, including, without limitation, the new storm drain outlet and splitter box, as provided in Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Maintenance

At its sole cost and in perpetuity, the City shall maintain the new stream and the associated upstream improvements associated with the new stream, including without limitation, the new storm drain and the splitter box.

Grading of Civic Center Site

Rough Grading

At its sole cost, Owner shall design rough grading plans as part of Owner's Civic Center Site Obligations. The Civic Center Site rough grading plans shall reflect:

An eight point thirteen (8.13) acre rough graded pad; with

A slope that meets requirements included in approved rough grading plans for the Civic Center Site;

Street access to the perimeter of the site;

Wet and dry utilities to the perimeter of the site (including a sewer line point of connection to provide fully functional sewer service for all of the Civic Center Site);

Connection to Project area storm drainage system; and

Extension of the subterranean drainage feature on the Civic Center Site and the splitter box associated with the new stream, as provided in the Streambed Alteration Agreement.

City shall advance costs and perform the rough grading work pursuant to the rough grading plans. Owner shall reimburse City for the cost to rough grade the Civic Center Site as provided in Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Precise Grading

At its sole cost, City shall design and perform the precise grading for the Civic Center Site.

Interim Condition Design

Attachment 6 to Exhibit "F"-3
City Completion of Civic Center

At its sole cost, Owner shall design an interim condition design for the Remainder of the Property. The "interim condition" refers to the period after City has completed removing fill material from the Borrow Site, as defined below, and before Owner begins improving the Remainder of the Property. City shall advance costs and implement the interim condition design, subject to Owner's reimbursement in accordance with Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Borrow Site Maintenance

In order to perform Owner's Civic Center Site Obligations, including rough grading the Site, Owner shall permit City to enter the Remainder of the Property to haul and remove fill material from the Remainder of the Property. The amount of fill material that City may remove from the Remainder of the Property will be provided in a temporary construction license that Owner will grant to City, as previously described in Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement. The portion of the Remainder of the Property from which City may remove fill material is referenced as the "Borrow Site."

During Construction

During City's construction of the Civic Center Site, City shall maintain best management practices for the control of pollutants in discharges of storm water caused by City's activities on the Borrow Site. The City shall maintain the temporary and permanent best management practices shown in the portion of the rough grading plans, relating to the Borrow Site (collectively, the "BMPs"). City shall not be responsible for maintaining any best management practices to control pollutants in discharges of storm water caused by non-City activities on the Borrow Site or activities off the Borrow Site that may discharge from the Borrow Site.

After Construction

For a period of three (3) years following City's completion of the construction of the Civic Center Site, City shall maintain the BMPs related to the Borrow Site. For purposes of this **Section E(2)** of this Attachment 6 of Exhibit "F", City shall be deemed to have completed the Civic Center Site construction once the City Council accepts completion of the Civic Center Site project. At the end of the three-year maintenance period for the Borrow Site BMPs, Owner shall maintain all BMPs.

Notwithstanding the foregoing, if Owner sells, transfers, assigns, conveys, or otherwise encumbers the Remainder of the Property during or prior to the expiration of the three-year period following City's completion of the Civic Center Site, the new owner, transferee, or assignee shall maintain the BMPs related to the Borrow Site.

Prior to selling, transferring, assigning, conveying, or otherwise encumbering the Remainder of the Property, Owner shall deem the BMPs in "acceptable condition". In the event Owner does not sell, transfer, assign, convey, or otherwise encumber the Remainder of the Property following the three-year period after City completes

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City Completion of Civic Center

construction of the Civic Center Site, Owner shall assume maintenance of the BMPs related to the Borrow Site.

Retaining Walls

Design

At Owner's sole cost, Owner shall design permanent retaining walls to surround portions of the Civic Center Site. Fully engineered retaining wall design plans shall be included in the rough grading plans for the Civic Center Site, as approved by City. City shall specifically have discretion to approve the aesthetic features and characteristics of the retaining walls.

Construction

During City's rough grading of the Civic Center Site, as provided in Section D of this Attachment 6 of Exhibit "F," City shall advance costs and construct permanent retaining walls to surround portions of the Civic Center Site.

Reimbursement

Owner shall reimburse City for the cost to construct retaining walls in accordance with Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Sewers

Onsite⁷

At its sole cost, City shall design and construct any and all required sewer facilities, and appurtenances thereto on the Civic Center Site.

Offsite

At its sole cost, Owner shall design and construct any and all required sewer infrastructure that is not on the Civic Center Site and related to the Remainder of the Property.

Water

Onsite

At its sole cost, City shall design and construct any and all required onsite potable and recycled water pipes, facilities, and appurtenances thereto on the Civic Center Site.

⁷ For purposes of Sections H- through K [?]of this Attachment 6 of Exhibit "F", "Onsite" shall mean on the Civic Center Site, and "Offsite" shall mean on the Remainder of the Property.

Offsite

At its sole cost, Owner shall design and construct any and all required potable and recycled water pipes, facilities, and appurtenances thereto that are not on the Civic Center Site and related to the Remainder of the Property.

Storm Drain

Onsite

At its sole cost, City shall design and construct any and all required onsite storm drain facilities and appurtenances thereto on the Civic Center Site.

Offsite

At its sole cost, Owner shall design and construct any and all storm required drain facilities and appurtenances thereto that are not on the Civic Center Site and related to the Remainder of the Property.

Dry Utilities

At its sole cost, Owner shall coordinate with utility agencies to design plans for the construction and installation of any and all dry utilities, including, without limitation, gas, electric, and cable utilities to the Civic Center Site and the Remainder of the Property.

Onsite

At its sole cost, City shall facilitate the design, construction and installation of any and all required dry utilities on the Civic Center Site.

Offsite

At its sole cost, Owner shall facilitate the installation of any and all required dry utilities that are not on the Civic Center Site and related to the Remainder of the Property.

Construction of Indian Ocean Drive

Design

At its sole cost, Owner shall design the entirety of Indian Ocean Drive, as depicted and described in the Serrano Summit Final Area Plan, dated January 2012, including any amendment(s) thereto, including the roundabout that intersects Indian Ocean Drive.

Construction

City shall advance costs and construct the entirety of Indian Ocean Drive, including the roundabout.

Reimbursement

Owner shall reimburse City for the cost to construct Indian Ocean Drive and the roundabout in accordance with Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Landscaping

Design

At its sole cost, Owner shall design the streetscape landscaping the east side parkway of Indian Ocean Drive on the Civic Center Site, which design shall be coordinated with the landscape design on the west side parkway of Indian Ocean Drive on the remainder of Owner's Property.

Construction

At its sole cost, City shall construct and install the landscaping on the east side parkway of Indian Ocean Drive on the Civic Center Site. With the exception of the landscaping on the east side parkway of Indian Ocean Drive, City shall advance costs and construct and install the landscaping in the roundabout that intersects Indian Ocean.

Reimbursement

Owner shall reimburse City for the cost to install landscaping in the roundabout that intersects Indian Ocean in accordance with Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Ownership and Maintenance

The Serrano Summit Final Area Plan, dated January 2012, including any amendment(s) thereto, shall govern the maintenance responsibilities of the landscaped areas in the Civic Center Site.

Temporary Fencing

Design and Construction

Following City's construction of Indian Ocean Drive, at its sole cost, City shall design and erect a temporary fence around the Remainder of the Property. Owner shall reimburse City for the cost to design and erect a temporary fence in accordance with Paragraph A(4)(d)(ii) of Exhibit "F" of this Agreement.

Site Security

Attachment 6 to Exhibit "F"-7
City Completion of Civic Center

Until the completion of Indian Ocean, Owner shall allow City to utilize Owner's gates (not including gates used for access to Irvine Ranch Water District Operating Facilities) for access into the Civic Center Site. Owner shall be responsible for access to and security of the remainder of Owner's Property at all times, including, without limitation, before, during, and after the Civic Center Site improvements are completed.

Attachment 6 to Exhibit "F"-8
City Completion of Civic Center

55136.0467C\22927001.21

Exhibit "B"

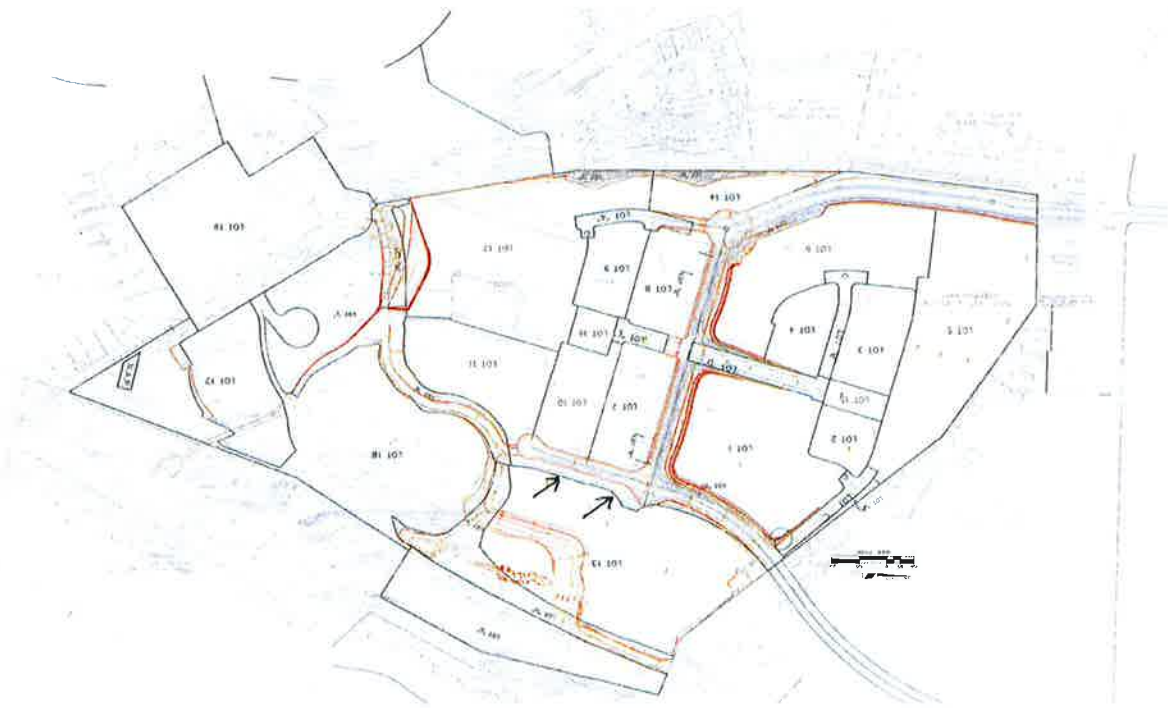


Exhibit "C"

Civic Center Design Details

6/10/2016 REVISED POST MEETING

Task	Original DA			Self Help Early Development			Comment
	Design	Construction	Payment	Design	Construction*	Payment	
DA Negotiations	Both						
Obtain Resource Agency Permits	IRWD	IRWD	IRWD	IRWD	IRWD	IRWD	Complete.
Env Mitigation - Offsite	IRWD	City	City	N/A	City	City	Per CDFW 1600 & ACOE 404 Permits
Env Mitigation - Onsite	Owner	Owner	Owner	IRWD	IRWD	Developer	Habitat restoration along slope & streambed
Construction of Split Streambed	Owner	City	City	IRWD	City	City	Per Resource Agency Permits
Rough Site Grading	Owner	Owner	Owner	IRWD	City	Developer	
Interim Condition Design	Owner	Owner	Owner	IRWD	N/A	Developer	
Borrow Site Maintenance - Durling Civic Center Project				N/A	City	Developer	City to maintain BMPs during Civic Center construction
Borrow Site Maintenance - Post Civic Center Project - IRWD Owned				N/A	City	Developer	City to maintain for 3 years. After that period, owner maintains. Owner must deem BMPs in "acceptable condition" prior to transfer of maintenance from City.
Borrow Site Maintenance - Post Civic Center Project - Developer Owned							New property owner maintains BMPs for borrow site at close of escrow.
Retaining Walls	Owner	Owner	Owner	IRWD	City	Developer	Based on flat pad per DA
Civic Center Precise Grading	City	City	City	City	City	City	
Sewer off site	Owner	Owner	Owner	IRWD	IRWD	Developer	
Sewer on site	City	City	City	City	City	City	
Water off site	Owner	Owner	Owner	IRWD	IRWD	Developer	
Water on site	City	City	City	City	City	City	
Storm Drain off site	Owner	Owner	Owner	IRWD	IRWD	Developer	As necessary for offsite sewer
Storm Drain on site	City	City	City	City	City	City	
Dry utilities	Owner	Owner	Owner	IRWD	City/Utilities	City / Utilities / Developer	City - onsite; Utilities - offsite; Developer - adequate conduit
Construction of Indian Ocean**	Owner	Owner	Owner	IRWD	City	Developer	
Roadway	Owner	Owner	Owner	IRWD	City	Developer	Includes construction of roundabout
Landscaping	Owner	Owner	Owner	IRWD	City	Developer	1. Serrano Summit landscape architect to coordinate w/Civic Center on east parkway design 2. Per Area Plan, east parkway landscaping is City cost. 3. City installs & maintains roundabout landscaping. Transfers to HOA.
Utilities	Owner	Owner	Owner	IRWD	City	Developer	
Serrano Summit Site Fencing - Initial Installation				City	City	Developer	Post construction of Indian Ocean, City installs fence along Indian Ocean to secure Owner property.
Serrano Summit Site Security & Access				Owner	Owner	Owner	Post construction of Indian Ocean, Owner responsible for site security & access.
City Reimbursement for Advanced Costs	Section 4 (D) ii: Owner shall reimburse City within six (6) months of Owner's receipt of grading permits for the remainder of the Property.			Reimburse at escrow for city expenditures to date; quarterly reimbursement to follow.			
Cost to Develop Separate Plans							Split 50/50 based on proposal by Michael Baker Engineering.

*Entity listed advances funds for construction costs

**to be renamed Civic Center Drive

October 24, 2016

Prepared by: K. Welch

Submitted by: F. Sanchez/P. Weghorst *FW*

Approved by: Paul Cook *Paul Cook*

ACTION CALENDAR

IRWD PARTICIPATION IN A PROPOSED SOUTH BASIN GROUNDWATER CLEANUP PILOT PROJECT

SUMMARY:

Orange County Water District (OCWD) is proposing to implement a Pilot Project that would demonstrate removals of contamination in the shallow aquifer in an area of the Orange County Groundwater Basin (Basin) known as the South Basin which is located near IRWD's Dyer Road Well Field (DRWF) Well No. 3 and Well 52. IRWD has an interest in the contamination being remediated in a timely manner to reduce risk to the wells from the potential migration of the contaminants. Staff has prepared draft terms for an agreement regarding IRWD's cost sharing of the Pilot Project with a not-to-exceed capital contribution of up to \$1.0 million, and operation and maintenance contributions that would be limited to \$20,000 per year. Staff recommends the Board authorize staff and legal counsel to work with OCWD to prepare an agreement for IRWD's financial participation in the Pilot Project that is consistent with the draft terms as may be revised based upon input from the Board.

BACKGROUND:

OCWD has implemented a monitoring program to track various contaminants in the Basin. OCWD's monitoring program in the South Basin has detected volatile organic compounds (VOCs) and perchlorate contamination plumes. It appears that the existing plumes that are located within the South Basin occur predominately in the shallow aquifer at less than 100-feet below the ground surface.

In 2001, elevated concentrations of VOC's and perchlorate were first detected in IRWD's DRWF Well No. 3 in Santa Ana. OCWD's current monitoring wells are primarily screened in the upper 350 feet, and provide the ability to sample the water quality of the upper shallow levels of the aquifer system. According to OCWD, DRWF Well No. 3 is the first well in the principal aquifer of the South Basin that may have been impacted by the possible downward migration of the contaminants from the shallow zone. OCWD has been evaluating the potential to implement South Basin Groundwater Cleanup Projects within five operable areas in the South Basin as shown in Exhibit "A". Removing contamination from the shallow aquifer would most likely protect DRWF Well No. 3, Well 52 and the principal aquifer from further contamination.

OCWD has been working with the Department of Toxic Substances Control (DTSC) and the Santa Ana Regional Water Quality Control Board (RWQCB) to investigate sources of contamination that could be impacting the South Basin. Some of the sources in the South Basin are now regulated by the DTSC and RWQCB. So far, the regulatory directives have been limited primarily to on-site remediation. OCWD is also conducting a remedial investigation and feasibility study (RI/FS) under the oversight of both DTSC and RWQCB. The RI/FS includes the remedial investigation of the shallow subsurface conditions in the South Basin and a feasibility study of possible interim remedies for the different project areas shown in Exhibit

“A”. OCWD’s proposed remedies as a result of the RI/FS will require acceptance by DTSC and RWQCB.

OCWD is currently pursuing grant funding for its South Basin Groundwater Clean Up projects and any necessary Pilot Project. According to OCWD, the geology in the South Basin area calls for smaller localized pumping systems to target areas with high contaminate concentrations. This method will provide for greater mass removal per unit of water extracted due to the concentrated nature of the plumes in the thinly laminated materials of the shallow aquifer. OCWD’s proposed program involves seven capture systems in five geographic operable areas shown in Exhibit “A”. The total estimated capital cost of the seven systems is \$23.6 million, of which OCWD is seeking 50% in Proposition 1 grant funds (\$11.8 million). It is expected that a Pilot Project would be integrated into the overall cleanup projects.

Proposed Pilot Project:

As the RI/FS process continues, OCWD is proposing to construct a Pilot Project that would demonstrate removals of contamination in the shallow aquifer through extraction and contaminant monitoring. Staff has been participating with OCWD in various meetings related to groundwater cleanup efforts in the South Basin and has had discussions with OCWD related to collaborating on a Pilot Project in the South Basin.

The Pilot Project could include shallow extraction wells, potential pre-treatment facilities and monitoring wells. Extraction wells would capture contaminated groundwater within the shallow aquifer and the monitoring wells would provide necessary data to evaluate the effectiveness of the Pilot Project. This data would provide information for the design of possible future projects in the South Basin and assist OCWD with the RI/FS process. It is expected that the groundwater extracted from shallow Pilot Project wells would be discharged to the sanitary sewer without treatment. However, regulatory agencies might require some pre-treatment prior to discharge to the sewer system.

The potential facilities for the Pilot Project could be constructed within any of the five operable areas within the South Basin. OCWD will work with the regulatory agencies to obtain approval for the locations for the Pilot Project facilities. IRWD’s participation in the Pilot Project would be contingent upon regulatory approval of the implementation of the proposed facilities.

IRWD Participation in Pilot Project:

IRWD has an interest in the contamination being remediated in a timely manner because DRWF Well No. 3 and Well 52 are at risk from potential migration of contaminants. Staff has prepared draft terms for IRWD’s potential financial participation in the South Basin Pilot Project as provided in Exhibit “B”. A summary of the key terms is as follows:

- The proposed Pilot Project facilities could include shallow extraction wells, potential pre-treatment facilities and monitoring wells;
- OCWD expects to receive grant funding for 50% of the design and construction costs for the South Basin Clean Up Projects including any Pilot Project that may be implemented;

Action Calendar: IRWD Participation in a Proposed South Basin Groundwater Clean Up Pilot Project

October 24, 2016

Page 3

- OCWD and IRWD would each pay 50% of the Pilot Project capital costs not covered by grant funding. IRWD's capital contribution would not exceed \$1.0 million;
- The term of the agreement would be five years;
- OCWD would own and operate the facilities;
- IRWD would contribute up to \$20,000 per year to cover a share of the operations and maintenance costs of the Pilot Project over the term of the agreement;
- OCWD would be responsible for all RI/FS and National Contingency Plan compliance work including regulatory agency oversight;
- IRWD's participation would be contingent upon regulatory agency approval of the implementation of the Pilot Project;
- Water produced from the Pilot Project is expected to be diverted to the Orange County Sanitation District through discharges to the sewer system; and
- OCWD would defend and indemnify IRWD for participation in the Pilot Project.

Staff recommends the Board authorize staff and legal counsel to work with OCWD to prepare an agreement for IRWD's financial participation in the Pilot Project that is consistent with the draft terms contained in Exhibit "B", and any input received by the Board at the meeting.

FISCAL IMPACTS:

Staff will return to the Board for approval of a budget for IRWD's participation in the Pilot Project at the time staff presents a final agreement to the Board for IRWD's participation in the Pilot Project.

ENVIRONMENTAL COMPLIANCE:

The project is subject to the California Environmental Quality Act (CEQA). OCWD would be the lead agency for CEQA compliance for the Pilot Project, with IRWD as a responsible agency. In conformance with the California Code of Regulations Title 14, Chapter 3, Section 15004, OCWD is expected to prepare a Mitigated Negative Declaration (MND) for the construction and operation of Pilot Project facilities.

COMMITTEE STATUS:

This item was reviewed at the OCWD Ad Hoc Committee meeting on September 28, 2016.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE STAFF AND LEGAL COUNSEL TO WORK WITH OCWD TO PREPARE AN AGREEMENT FOR IRWD'S FINANCIAL PARTICIPATION IN A SOUTH BASIN PILOT PROJECT THAT IS CONSISTENT WITH THE DRAFT TERMS PRESENTED AT THE MEETING AS MAY BE REVISED BASED UPON INPUT RECEIVED FROM THE BOARD.

Action Calendar: IRWD Participation in a Proposed South Basin Groundwater Clean Up Pilot
Project
October 24, 2016
Page 4

LIST OF EXHIBITS:

Exhibit "A" – Potential South Basin Groundwater Clean-Up Project Areas

Exhibit "B" – Draft Summary of Proposed Terms to Participate in a South Basin Pilot Project

EXHIBIT "A"

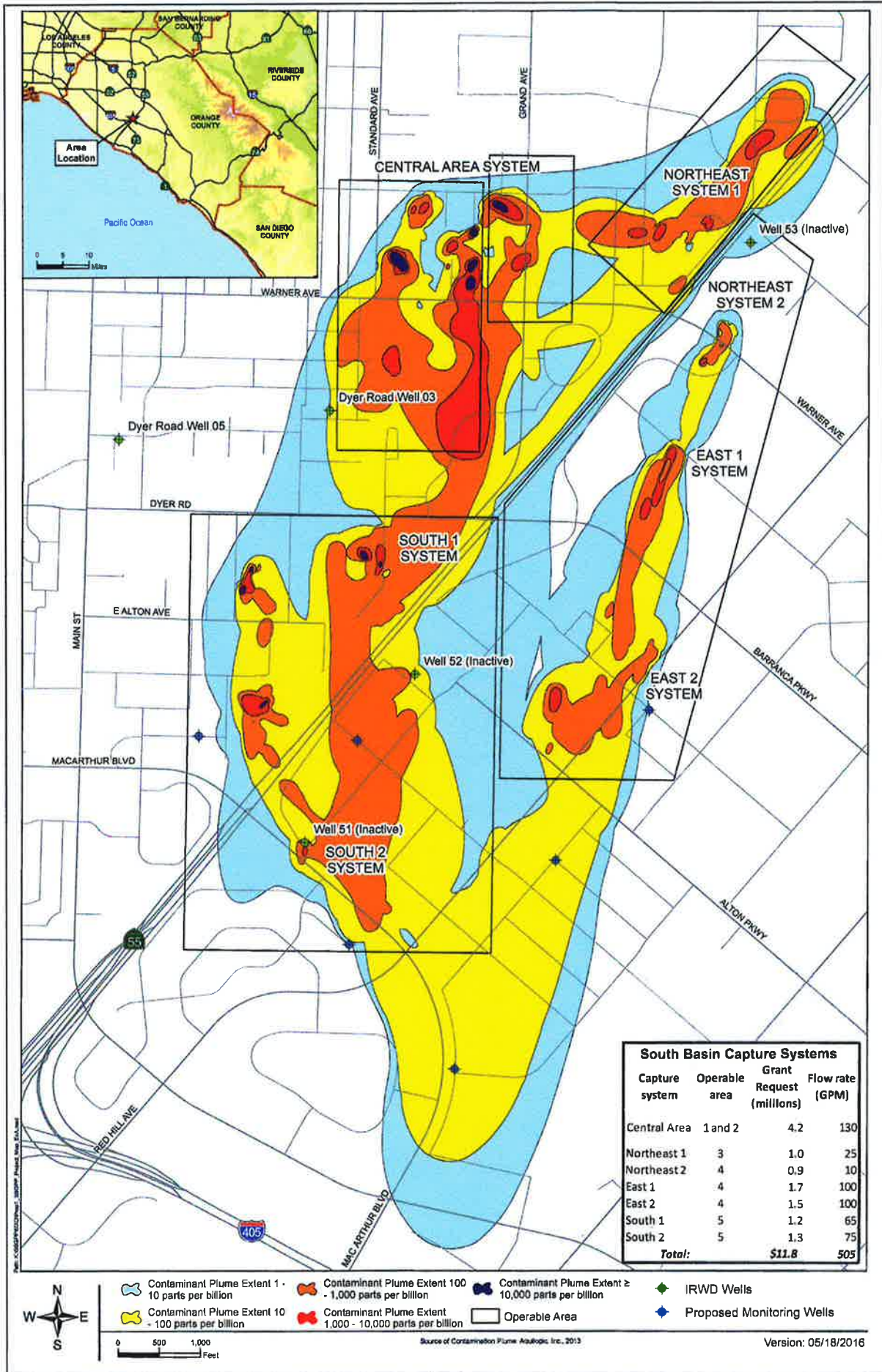


EXHIBIT “B”

DRAFT

Orange County Water District and
Irvine Ranch Water District
South Basin Groundwater Clean Up Pilot Project
Summary of Proposed Terms

October 17, 2016

Background

Background: A comingled plume of contaminants of concern (COCs) including volatile organic compounds (VOCs) and perchlorate has been identified primarily in the shallow groundwater of the South Basin portion of the Orange County Groundwater Basin underlying portions of Santa Ana, Irvine and Tustin. Orange County Water District (OCWD) is considering implementation of a South Basin Groundwater Clean Up Project to prevent the contaminant plume from impacting groundwater resources in the Orange County Groundwater Basin. See Exhibit “A” for the location of the overall South Basin Groundwater Clean Up Project (South Basin).

GENERAL TERMS

Parties: Irvine Ranch Water District (IRWD) and Orange County Water District (OCWD), hereinafter sometimes individually referred to as “Party” or collectively as the “Parties.”

Description: As part of a potential South Basin Groundwater Clean Up Project, IRWD and OCWD seek to cooperate in the construction and operation of pilot project facilities (Pilot Project) to be located within the South Basin to capture and remove groundwater with high concentrations of VOCs and perchlorate. IRWD and OCWD would enter into an agreement for the construction of Pilot Project facilities to be constructed within the shallow aquifer of the South Basin, for the purpose of preventing further migration of the plume. The Pilot Project facilities could include, as example, shallow extraction wells, potential pre-treatment facilities and monitoring wells. Extraction wells could capture the contaminated groundwater within the shallow basin and monitoring wells would provide necessary data to evaluate the effectiveness of the Pilot Project which would provide information for the design of possible future projects. It is expected that the groundwater would be discharged to the sanitary sewer which may require pre-treatment. The potential facilities for the Pilot Project could be constructed within any of the five operable areas within the South Basin as shown on Exhibit “A”. IRWD and OCWD could mutually agree to amend the agreement.

IRWD expects to contribute to costs associated with design, construction and operation of the Pilot Project facilities. After constructed, OCWD would own, operate and control all Pilot Project facilities for the term of this agreement subject to cost sharing terms as provided herein.

Effective Date: _____, 2016

Term: The Pilot Project would be operated for five years or as otherwise agreed upon by mutual agreement of the Parties.

National Contingency
Plan Compliance-Related
Work:

OCWD plans to utilize the data from the Pilot Project as part of its effort to implement a Remedial Investigation/Feasibility Study (RI/FS). The RI/FS follows a National Contingency Plan (NCP) process and will provide further evaluation of the extent of groundwater contamination in the South Basin and evaluate remediation alternatives. OCWD is also working with regulatory agencies including the Department of Toxic Substance Control (DTSC) and Regional Water Quality Control Board (RWQCB) on agreements for regulatory agency oversight assistance on the development of the RI/FS. OCWD would be responsible for all costs of the regulatory agency oversight work and all NCP compliance-related work.

Regulatory Approvals: OCWD would be responsible for obtaining any necessary regulatory approvals for the construction and operation of the Pilot Project facilities. IRWD's participation in the Pilot Project would be contingent upon regulatory approval of the implementation of the Pilot Project facilities.

Design, Specifications,
and Permitting

OCWD would be responsible for design of Pilot Project facilities. IRWD would have up to 60 days to review and provide input on 60% and 90% project designs and specifications. OCWD would obtain all permits, licenses, and would be responsible for all CEQA compliance and other approvals necessary for the construction and operation of the Pilot Project facilities.

Property Interests: OCWD would acquire any land and easements necessary for the Pilot Project facilities. IRWD could assist, at its own discretion, in securing access to land.

- Construction:** OCWD would award, oversee and manage all construction contracts. IRWD could participate in construction progress meetings. OCWD would have approval authority over non-material changes (to be defined) and IRWD could provide input on material changes.
- Sewer Discharge:** It is anticipated that any discharge from the Pilot Project facilities would be diverted into Orange County Sanitation District's (OCSD) sewer collection system for treatment and reuse. OCWD and IRWD would work together to obtain approval from OCSD for sewer discharge.
- Facility Ownership:** OCWD would be the owner and operator of the Pilot Project facilities.
- Grant Funding:** OCWD is seeking grant funding for the South Basin Clean Up Project. OCWD expects to receive grant funding for 50% of the total capital costs for the South Basin Clean Up Project.
- Proposed Cost Share Split:** After the 50% grant funds have been applied to the cost of design and construction of facilities, OCWD and IRWD would each pay 50% of the remaining costs. IRWD's capital contribution would be limited to \$1 million.
- Other Payments:** Any other payments received by OCWD relative to the Pilot Project facilities would be applied to the overall project construction and/or operating costs prior to the IRWD and OCWD cost share split.
- Operations & Maintenance:** OCWD would operate and maintain the Pilot Project facilities for the term of the agreement. OCWD would fund the operations and maintenance (O&M) costs for the term of the agreement and IRWD's share would be capped at 50% of the actual annual O&M costs of the Pilot Project facilities or \$20,000, whichever is less.
- Public Outreach:** OCWD would be the lead on all outreach to other governmental entities, industries and the public regarding the South Basin Clean Up Project, the Pilot Project and its benefits.
- Communications to Potentially Responsible Parties:** OCWD would be the lead on all messaging, communications and all other efforts with those industries potentially responsible for the contamination.
- Evaluate Opportunities:** IRWD and OCWD would jointly work to evaluate any opportunities to deliver the recovered water to IRWD's non-potable distribution system for reuse as an option to discharges to OCSD sewers.

Overhead: OCWD and IRWD would each pay its respective overhead costs incurred during the term of the Pilot Project agreement.

Records OCWD would keep all Pilot Project records, as-built plans, and accounting of all costs and expenses.

General Expenses: Each party would be responsible for its own fees and expenses arising out of the negotiation and execution of agreements related to this transaction, obtaining necessary approvals, and the like.

Indemnifications: OCWD would at all times indemnify, defend and save IRWD, its Board of Directors, officers, representatives, consultants, agents and employees free and harmless from any and all claims, demands, losses, damages or expenses, including reasonable attorney fees and costs that IRWD, its Board of Directors, officers, representatives, consultants, agents and/or employees may sustain or incur in any manner relating to the Pilot Project, any future South Basin Groundwater Clean Up Project or relating to OCWD's performance, negligent act or omission under this agreement.

OCWD would also provide indemnification to IRWD, its Board of Directors, officers, representatives, consultants, agents and employees in connection with any deliveries to OCSD sewers and any subsequent use of water recovered from the Pilot Project.

If OCSD requires indemnification in connection with permits or agreements to accept flow from the pilot project into the sewer system, OCWD would satisfy that requirement.

October 24, 2016

Prepared by: K. Welch

Submitted By: R. Jacobson/P. Weghorst *P.W.*

Approved By: Paul Cook *P. Cook*

ACTION CALENDAR

STROSCHEIN PROPERTY PURCHASE

SUMMARY:

IRWD is pursuing the purchase of property within the Palo Verde Irrigation District (PVID) that will become another element of IRWD's long-term program to increase water supply reliability for its customers during droughts and other potential water supply interruptions. On August 15, 2016, the District executed a Real Property Purchase Agreement (Purchase Agreement) for the Stroschein Property, comprised of approximately 103.6 acres of land within PVID in Riverside County (Property). The Purchase Agreement provides an opportunity to conduct tests, inspections, evaluations and such other due diligence activities as deemed necessary prior to the acquisition of the Property. This report provides the Board with the findings of the due diligence work. Staff recommends the Board:

- Find that all matters currently identified with regard to the condition of title, physical condition and suitability of the Property for the uses contemplated are acceptable contingent upon the Seller's tenant being vacated from the residence and all the property being removed that is not fixed to the land in and around the residence and out buildings, that documentation is provided verifying that the property will have 23 remaining acres enrolled in the fallowing program with a maximum fallowing commitment of 23 acres, that IRWD can assign the 23 acres to one of its existing fallowing program agreements, and that the Seller agrees to pay the cost to abandon any inactive wells on the Property;
- Approve the addition of Project 11974 (7693) to the FY 2016-17 Capital Budget in the amount of \$1,597,000 for the purchase of the Property;
- Determine the acquisition of the Property is exempt from CEQA, approve the project and authorize staff to post and file the Notices of Exemption in Orange and Riverside Counties; and
- Authorize the General Manager and Treasurer and each other officer of the District to execute and deliver any and all documents, assignments, certificates, instructions and instruments necessary or proper for carrying out and closing the real estate purchase transaction for the acquisition of the Property.

BACKGROUND:

IRWD is pursuing the purchase of property in Riverside County that is located within PVID. PVID is located in Riverside and Imperial Counties adjacent to the Colorado River and has the highest priority water rights from the Colorado River in California. As an owner of land within PVID, IRWD would be able to participate in water conservation programs implemented by Metropolitan Water District of Southern California (Metropolitan) and PVID, such as land fallowing, which would make water available for other uses. Because Metropolitan owns the rights to any Colorado River water that is conserved as a result of Metropolitan and PVID programs, water conserved from the land owned by IRWD would benefit the Metropolitan

service area which includes IRWD. In the future, IRWD would work with Metropolitan and Municipal Water District of Orange County (MWDOC) to develop mutually-beneficial agreements through which IRWD would receive increased water supply reliability during periods of drought and supply interruptions in consideration of the water conserved on IRWD land in PVID.

On August 15, 2016, the Districted executed a Purchase and Sale Agreement to purchase the Stroschein Property comprised of 103.6 acres within PVID. A location map of the Stroschein Property in relation to IRWD's other PVID properties is provided as Exhibit "A". Following is an overview of the Stroschein Property, due diligence work conducted on the Property, the existing Metropolitan and PVID Fallowing Program and recommendations for the purchase of the Property.

Stroschein Property Overview:

The Stroschein Property is located within PVID in Riverside County and consists of approximately 103 acres. Water tolls are paid on 91 acres of the Property which are currently enrolled in the existing Palo Verde Land Management, Crop Rotation and Water Supply Program (Fallowing Program).

Plan for Stroschein Property:

In the near term, land purchased by IRWD in the PVID service area would continue to be farmed essentially as it is today:

- Tenant farm leases, which would generate income for IRWD, would be secured and maintained on the Property and the farming operations would be supervised by District staff and consultants, and
- As a landowner and therefore a participant in the existing Metropolitan/PVID Fallowing Program, IRWD would receive fallowing payments from Metropolitan.

In the long term, IRWD-owned land within PVID would be utilized as follows:

- The land would continue to be cultivated through tenant farm leases;
- As a landowner, IRWD could participate in any fallowing and other water conservation programs developed and implemented by Metropolitan and PVID; and
- IRWD would work with Metropolitan and MWDOC to develop mutually-beneficial programs and agreements through which IRWD would receive increased water supply reliability during periods of drought and supply interruptions in exchange for water conserved on IRWD-owned lands in PVID.

Due Diligence Investigations:

The Purchase Agreement provides for a 60-day due diligence period in which there is an opportunity to conduct any studies, tests and inspections that are deemed necessary prior to the

acquisition of the Property. The due diligence period for the Stroschein Property ends on October 28, 2016. Dee Jaspar & Associates (DJA) was retained to oversee the due diligence investigations and to complete a Baseline Property Assessment Report on the Stroschein Property. The due diligence investigations for the Property have been completed. The investigations included a Preliminary Title Report review; an Environmental Phase 1 site assessment; examination of surface soils, flood and seismic hazards; a review of mineral rights; a review of the general plan for the area and a review of Williamson Act and zoning designations. DJA is finalizing the American Land Title Association survey and crop water use study of the Property.

Due diligence work completed to date shows the Stroschein Property is currently fallowed. It is generally maintained with no recognized onsite environmental conditions. The property has been farmed for the Sellers by the same contract farmer for approximately 30 years. It has been primarily been planted in alfalfa. Based on DJA discussions with the contract farmer, when not fallowed under the Fallowing Program, the Property soils are productive with good alfalfa yields of 7 to 8 cuttings per year. Similar to the other PVID properties, there is a drainage channel and concrete irrigation ditches for providing water onto the Property. Following is a summary of the findings of the due diligence work:

Phase 1 Environmental Site Assessment:

A Phase 1 Environmental Site Assessment was performed by subcontractor Advanced Environmental Concepts, Inc. (AEC). The Phase 1 evaluation did not identify any environmental conditions or concerns. There is a residence on the property with transite (asbestos) siding, which, if demolished, would require special handling and management procedures.

Surface Soils, Flood and Seismic Hazards:

The soils are clays, silty and sandy clays, silty sands and sandy silts. Hand auger borings were performed excavated to seven feet and no groundwater was encountered in the borings. Historic groundwater levels have been reported as shallow as 4 to 10 feet below ground surface. The Property is included in a Riverside County liquefaction hazard zone which makes it susceptible to liquefaction hazard. The Property is not included in a flood hazard zone but it is mapped as susceptible to subsidence based on Riverside County subsidence maps.

ALTA Survey:

An American Land Title Association (ALTA) survey of the Property is being finalized by DJA which will identify and document all easements to the Property. There is no Williamson Act Contract on the Property, and the Property is not located in the boundaries of the Blythe Redevelopment Project Area.

Mineral Rights:

The Purchase Agreement provides for the buyer to acquire any oil, gas or mineral rights (“mineral rights”) held by the seller. Based on the mineral rights search and the Preliminary Title Report, the seller owns the mineral rights for the Property.

Existing Facilities:

Irrigation water is provided to the property by PVID through a series of water transfer canals and ditches along the property perimeter. The Property has a farm compound along the west boundary which includes a residence and two out buildings. The residence, which is temporarily occupied, is described as dilapidated, wood-framed with transite (asbestos) panel siding and a corrugated metal roof on a cement slab. The out buildings are wood-constructed with shingle and corrugated metal roofing on cement slabs and appear to contain household items. Domestic water is provided to the residence through the City of Blythe. There is also a small pump house which could potentially contain an old inactive well. If the residence is to be demolished, it will require special handling and management procedures due to the transite (asbestos) exterior siding panels.

As a condition of closing, IRWD will require that the tenant be vacated and all property removed that is not fixed to the land in and around the residence and out buildings. The Seller would be required to pay the cost to abandon any inactive wells on the Property. Staff will work with the seller to pursue removal of the residence at the District’s cost prior to close of escrow.

Preliminary Title Report Review:

Staff found no items of record to contest in the initial Preliminary Title Report.

Existing Fallowing Program:

In 2002, Metropolitan and PVID entered into the 35-year Fallowing Program whereby Metropolitan makes fallowing payments to participating PVID landowners. Stroschein entered into a Fallowing Agreement with Metropolitan and PVID in September 2005 to participate in the Fallowing Program by enrolling 1,217 water toll acres with a maximum fallowing commitment of 426 water toll acres. Currently, the Property is enrolled for all 91 water toll acres. The Seller is currently working with Metropolitan to release 68 of the 91 enrolled acres from the Metropolitan easement on the Property and to quit claim these 68 acres to another Seller-owned PVID property. The Property will then have 23 remaining acres enrolled in the Fallowing Program with a maximum fallowing commitment of 23 acres. Metropolitan will work with IRWD to assign these acres to one of IRWD’s existing Fallowing Program Agreements. IRWD’s Fallowing Agreement will be amended to include a new easement for the 23 acres encumbered to the Fallowing Program. Exhibit “B” provides an overview of the Fallowing Program, the landowner agreement and the steps that will be taken to transfer the acres that will remain in the Fallowing Program to IRWD.

As a condition of closing, IRWD will require that documentation be provided verifying that the Property will have 23 remaining acres enrolled in the Following Program with a maximum following commitment of 23 acres and that IRWD can assign the 23 acres to one of its existing Following Program Agreements.

FISCAL IMPACTS:

The total purchase cost for the Property is \$1,556,100, plus approximately \$40,000 for closing costs. The cost for the Baseline Property Assessment work including staff and legal time was approximately \$30,000. Sufficient budget exists in Project No. 11869 (6245) to cover the due diligence work. Staff requests the addition of Project 11974 (7693) to the FY 2016-17 capital budget in the amount of \$1,597,000 as shown below to provide for the purchase of the Property and the associated closing costs.

Project No.	Current Budget	Addition <Reduction>	Total Budget
11974(7693)	\$-0-	\$1,597,000	\$1,597,000

ENVIRONMENTAL COMPLIANCE:

Any new lands purchased for water supply purposes would be subject to compliance with the California Environmental Quality Act of 1970 (as amended), codified at California Public Resources Code Sections 21000 et. seq., and the State CEQA Guidelines in the Code of Regulations, Title 14, Division 6, Chapter 3. Pursuant to direction by the Board, staff will file a Notice of Exemption for the purchase of the Stroschein Property within the Counties of Orange and Riverside. The Notice of Exemption states that the District is not presently contemplating changes in the existing use of the land and therefore no environmental impacts associated with the Property acquisition are expected. The Notice of Exemption states that the District specifically conditions any proposed future change in use of the Property on subsequent CEQA compliance actions.

COMMITTEE STATUS:

This item was discussed the Supply Reliability Programs Committee on August 18, 2016.

RECOMMENDATION:

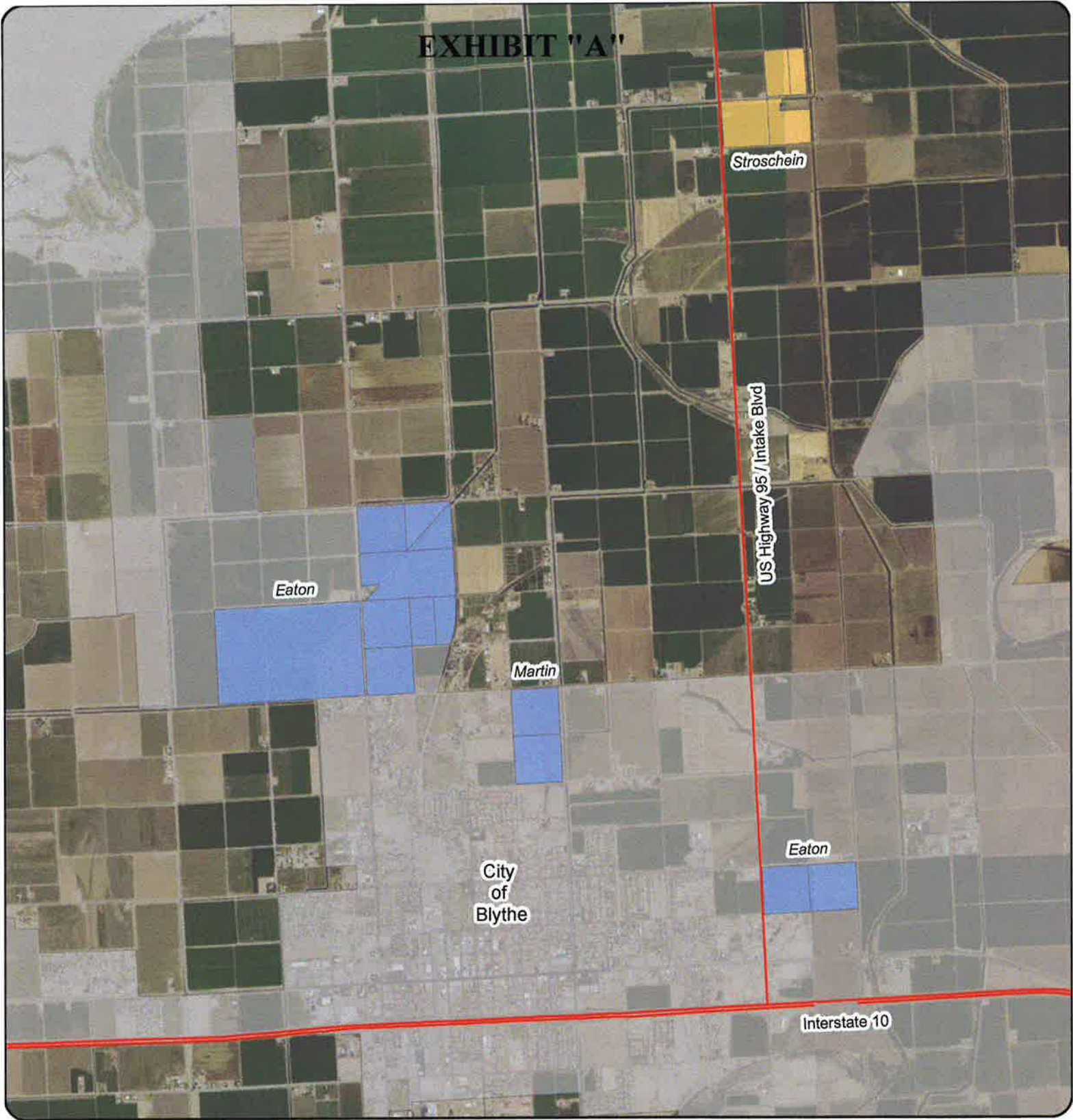
THAT THE BOARD FIND THAT ALL MATTERS CURRENTLY IDENTIFIED WITH REGARD TO THE CONDITION OF TITLE, PHYSICAL CONDITION AND SUITABILITY OF THE PROPERTY FOR THE USES CONTEMPLATED ARE ACCEPTABLE CONTINGENT UPON THE SELLER'S TENANT BEING VACATED FROM THE RESIDENCE AND ALL THE PROPERTY BEING REMOVED THAT IS NOT FIXED TO THE LAND IN AND AROUND THE RESIDENCE AND OUT BUILDINGS, THAT DOCUMENTATION IS PROVIDED VERIFYING THAT THE PROPERTY WILL HAVE 23 REMAINING ACRES ENROLLED IN THE FOLLOWING PROGRAM WITH A MAXIMUM FOLLOWING COMMITMENT OF 23 ACRES, THAT IRWD CAN ASSIGN THE 23 ACRES TO ONE OF ITS EXISTING FOLLOWING PROGRAM AGREEMENTS, AND THAT THE

SELLER AGREES TO PAY THE COST TO ABANDON ANY INACTIVE WELLS ON THE PROPERTY; APPROVE THE ADDITION OF PROJECT 11974 (7693) TO THE FY 2016-17 CAPITAL BUDGET IN THE AMOUNT OF \$1,597,000 FOR THE PURCHASE OF THE PROPERTY; FIND THAT THE PROPERTY ACQUISITION ONLY IS EXEMPT FROM CEQA; APPROVE THE PROJECT AND AUTHORIZE STAFF TO POST AND FILE THE NOTICES OF EXEMPTION IN ORANGE AND RIVERSIDE COUNTIES; AND AUTHORIZE THE GENERAL MANAGER, TREASURER AND EACH OTHER OFFICER OF THE DISTRICT, EACH ACTING SINGLY, TO EXECUTE AND DELIVER ANY AND ALL DOCUMENTS, ASSIGNMENTS, CERTIFICATES, INSTRUCTIONS AND INSTRUMENTS NECESSARY OR PROPER FOR CARRYING OUT AND CLOSING THE REAL ESTATE PURCHASE TRANSACTION FOR THE ACQUISITION OF THE PROPERTY.

LIST OF EXHIBITS:





- Exhibit "A" – Location Map of Stroschein Property
- Exhibit "B" – Following Program Agreement Overview

EXHIBIT "A"



Location Map: IRWD and Stroschein Properties in Palo Verde Irrigation District

MAP FEATURES

-  Stroschein Parcels
-  IRWD Properties
-  City of Blythe
-  Major Roads

A-1

This figure shows the location of IRWD property within Palo Verde Irrigation District. Also shown are the Stroschein parcels, which are located to



0 0.2 0.4 0.8 Miles

NAD 83 State Plane Zone 5 (feet)
Central Meridian: -118

EXHIBIT "B"

Fallowing Program Agreement Overview

Metropolitan Water District of Southern California (Metropolitan) and the Palo Verde Irrigation District developed a 35-year PVID Land Management, Crop Rotation and Water Supply Program (Fallowing Program). The Program expires in 2040. Key provisions of the Fallowing Program include:

- Total fallowing under the Program is limited to a maximum of 26,500 acres or 29% of PVID's irrigated lands with Priority 1 water rights.
- A minimum base of 6,000 acres (7% of irrigated PVID lands) must be fallowed each contract year.
- The maximum area that would be fallowed each contract year would not exceed 24,000 acres in any 25 years and 26,500 acres in any 10 years during the 35 years.
- Eligible land must have Priority 1 Colorado River water and a history of irrigated crop production for two out of five years preceding Program enrollment.

Fallowing Program and Stroschein Property:

In September 2005, Stroschein and Metropolitan and PVID entered into the standard Landowner Fallowing Program Agreement (Fallowing Agreement) for a total of 1,217 water toll acres owned by Stroschein including the 91 water toll acres associated with the proposed Property. Per the Fallowing Agreement, Metropolitan currently has an easement on the 91 water toll acres for fallowing purposes. The following actions have or will be taken with regards to IRWD's purchase of the Property:

1. Per the Purchase and Sale Agreement between IRWD and Stroschein, Stroschein is amending the Fallowing Agreement with Metropolitan so that no more than 30% of the Property's 91 water toll acres will be encumbered in the Fallowing Program.
2. Stroschein and Metropolitan are currently drafting a quit claim deed to release 68 water toll acres and deed them to another Stroschein property. IRWD's purchase cannot close until this quit claim deed is recorded.
3. There will be 23 water toll acres remaining in the Fallowing Program associated with the Property with a maximum fallowing commitment of 23 acres.
4. IRWD will not be assigned the Stroschein Fallowing Agreement; Metropolitan will work with IRWD at the closing to transfer and deed the 23 water toll acres from the Property to one of IRWD's existing Fallowing Agreements that were previously assigned to IRWD from either Eaton or Martin purchases.

October 24, 2016

Submitted by: P. Weghorst *PW*

Approved by: Paul Cook *PC*

ACTION CALENDAR

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

SUMMARY:

Staff has prepared a Policy Principles Paper on Increasing Water Levels in the Orange County Groundwater Basin (Basin). A draft version of the paper was reviewed with the full Board of Directors on September 12, 2016 where the document was referred to the OCWD Ad Hoc Committee for further consideration. Staff reviewed the draft paper with the Committee on September 28, 2016 where input was provided for revising the document. Staff has made revisions as recommended by the Committee, and recommends that the Board approve the policy principles paper.

BACKGROUND:

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

Increasing Groundwater Levels:

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

Revisions to Policy Paper:

A draft version of the paper was reviewed with the full Board of Directors on September 12, 2016 where input was provided for revising the document. The Board referred the draft paper to the OCWD Ad Hoc Committee for further consideration and refinements. Staff reviewed the

draft policy paper with the Committee on September 28, 2016 where input was provided for revising the document. Staff has made revisions as recommended by the Committee and recommends that the Board approve the policy principles paper.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed at the OCWD Ad Hoc Committee meeting on September 28, 2016.

RECOMMENDATION:

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

LIST OF EXHIBITS:

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

EXHIBIT “A”

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

October 24, 2016

Issue Summary:

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

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

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

Background:

OCWD’s Basin Management Policy:

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

Orange County Water District Groundwater Basin
Storage Management Actions

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

At the current accumulated overdraft of approximately 379,000 AF, the existing OCWD Groundwater Management Plan stipulates that OCWD should be preparing to purchase additional imported water supplies and should lower the BPP. By following this plan, OCWD could quickly improve Basin conditions and reduce accumulated overdraft to within 100,000 AF and 300,000 AF.

Direct Basin Recharge Using Imported Water:

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

OCWD should consider optimizing its purchases of the 650,000 AF of imported water over a period of time that provides the most benefit to the Basin. One example of how this could be done is for OCWD to budget to purchase enough imported water supplies to fill the basin over a three-year period of time, with the goal of achieving an accumulated overdraft of -150,000 AF. IRWD Recommends that OCWD set its Replenishment Assessment (RA) to support such imported water purchases while augmenting its Water Reserve Fund. Any funds not used to purchase water in any fiscal year due to above-average flows in the Santa Ana River flows or Metropolitan Water District of Southern California (MWD) implementing its Water Supply Allocation Plan could be carried over into the next year in the Water Reserve Fund to purchase greater amounts of water in later years. Once the -150,000 AF goal is achieved, OCWD could use the RA to maintain a healthy Water Reserve Fund to support maintaining stable overdraft conditions. Funds budgeted for the purchase of water from MWDOC should not be re-purposed for other reasons.

In Lieu Basin Recharge Using Imported Water:

To ensure the ability to optimize the annual purchase and recharge of imported water into the Basin and to take full advantage of existing imported supplies, OCWD should resume offering a voluntary multi-year in-lieu recharge program that reimburses participating Groundwater Producers to make the cost of participation equivalent to the cost of producing groundwater. Under such a program, the participating Groundwater Producers would use imported water from MWD in-lieu of producing groundwater. This would increase the amount of water that OCWD could recharge in a year while increasing that amount of groundwater available in the Basin. OCWD has historically offered water to the Groundwater Producers through an in-lieu recharge program. OCWD should offer an in-lieu program to interested Producers and budget and maintain its Water Reserve Fund accordingly.

Basin Recharge through Other Programs:

- *Indirect Potable Reuse Programs:* OCWD is pursuing the implementation of the Final Expansion of the Groundwater Replenishment System (GWRS). This project will result in an additional 30,000 AF per year (AFY) of cost effective water available

for recharging the Basin. OCWD is also evaluating participation in the indirect potable reuse project proposed by MWD in partnership with the Sanitation Districts of Los Angeles County. The project would involve the construction of advanced water recycling treatment facilities in Carson and a pipeline to deliver product water to OCWD's recharge basins. The first phase of the project would deliver approximately 65,000 AFY of uninterrupted water to OCWD for recharge in the Basin. IRWD supports OCWD's implementation of the GWRS Final Expansion Project. IRWD also supports OCWD entering into a cost-effective long-term agreement for the purchase of advanced treated water from the Carson project, priced at MWD's melded cost of Tier-1 untreated water rate.

- *In-lieu Exchange Program:* OCWD should pursue other new programs that will increase water levels in the Basin while reducing the adverse effects of accumulated overdraft conditions. One such concept is to implement an In-lieu Exchange Program in a way that is cost neutral to OCWD while benefitting the Producers. Under such a program, interested Groundwater Producers could voluntarily purchase Tier-1 treated water from MWD in-lieu of pumping groundwater. The reduction in pumping by the participating agencies would result in additional water being stored in the Basin. The Producer agencies that participate in this program would receive credits for the stored water in exchange for the reduced pumping. Producer agencies participating in the program would also pre-pay OCWD the RA at the time the In-lieu exchange occurs, thereby compensating OCWD for the resulting lost sale of water. The credits would allow the participating agencies to recover the stored water in the future, having already pre-paid the RA. Through such an In-Lieu Exchange Program, Producer agencies could choose to invest in storing water that can be recovered at a later date, while also avoiding future increases in the RA. Under such an exchange program, OCWD would be cost-neutral.

Green Acres Project Supply Source: IRWD is interested in pursuing discussions with OCWD to establish a program whereby IRWD could provide a high-quality and reliable non-potable supply of water to OCWD's Green Acres Project throughout the year. This would subsequently increase the amount of water available to OCWD for treatment in the GWRS and subsequent recharge into the Basin.

Policy Principles:

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

1. OCWD should follow its own policies and Groundwater Management Plan for advanced overdraft conditions by reducing the BPP and taking the necessary steps to purchase additional imported supplies from MWD;
2. OCWD should follow through on its commitment to MWDOC to purchase at least 650,000 AF over a period of time that provides the most benefit to the Basin. OCWD should financially budget to purchase enough imported water supplies to fill the basin

over an optimized number of years with the goal of achieving an accumulated overdraft of -150,000 AF. OCWD should set its Replenishment Assessment (RA) to support such imported water purchases while augmenting its Water Reserve Fund.

3. Every year, OCWD should adjust its purchases of imported water and the BPP accordingly as may be necessary to quickly improve conditions when accumulated overdraft exceeds -150,000 AF while maintaining a Basin operating range of between 100,000 AF and 300,000 AF of accumulated overdraft;
4. Any funds budgeted by OCWD for imported water purchases that are not used in any fiscal year due to unavailability of water should be dedicated within OCWD's Water Reserve Fund for use in future years when additional import water is available and should not be re-purposed for some other use;
5. OCWD should resume offering a voluntary multi-year in-lieu recharge program where Groundwater Producers could use treated imported water from MWD in-lieu of pumping groundwater. The program should be implemented whereby participating Groundwater Producers pay a net cost equivalent to the cost of producing groundwater;
6. OCWD should implement creative new programs that would increase water levels in the Basin while reducing the adverse impacts of accumulated overdraft conditions. One such concept would be to implement a voluntary in-lieu exchange program that is cost neutral to OCWD;
7. IRWD supports OCWD's cost-effective implementation of the GWRS Final Expansion which will increase recharge and reduce accumulated overdraft in the Basin;
8. IRWD supports OCWD pursuing participation in MWD's proposed indirect potable reuse project at Carson through a cost effective long-term agreement for the purchase of advanced treated recycled water from the project at MWD's melded cost of Tier-1 untreated water; and
9. IRWD is interested in partnering with OCWD in developing a program through which water from the IRWD recycled water system can be provided to OCWD as a source for the Green Acres Project, thereby increasing available supplies for GWRS for recharge purposes.