



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

**AGENDA
MEETING OF THE
INLAND EMPIRE UTILITIES AGENCY
BOARD OF DIRECTORS**

**WEDNESDAY, AUGUST 16, 2017
10:00 A.M.**

**INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS
BOARD ROOM
6075 KIMBALL AVENUE, BUILDING A
CHINO, CALIFORNIA 91708**

CALL TO ORDER OF THE INLAND EMPIRE UTILITIES AGENCY BOARD OF DIRECTORS MEETING

FLAG SALUTE

PUBLIC COMMENT

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a "Request to Speak" form which is available on the table in the Board Room. Comments will be limited to three minutes per speaker. Thank you.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

SUSTAINABLE WATER MANAGEMENT PROFILE PRESENTATION – by California Water Foundation

1. **CONSENT ITEMS**

NOTICE: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by the Board by one motion in the form listed below. There will be no separate discussion on these items prior to the time the Board votes unless any Board members, staff or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.

A. **MINUTES**

The Board will be asked to approve the minutes from the July 19, 2017 Board meeting, and the August 4, 2017 Special Board meeting.

B. **REPORT ON GENERAL DISBURSEMENTS (Fin/Admin)**

Staff recommends that the Board approve the total disbursements for the month of June 2017, in the amount of \$18,765,148.91.

C. **ADOPTION OF RESOLUTION NO. 2017-8-2, COMMENDING RETIRED COUNCIL MEMBER ED GRAHAM FOR HIS 26 YEARS OF SERVICE WITH THE CITY OF CHINO HILLS**

Staff recommends that the Board adopt Resolution No. 2017-8-2, commending retired Council Member Ed Graham for his 26 years of public service with the City of Chino Hills.

D. **SOUTHERN CALIFORNIA WATER COMMITTEE MEMBERSHIP RENEWAL (Comm/Leg)**

Staff recommends that the Board approve the Fiscal Year 2017/18 membership as a founding member for the Southern California Water Committee in the amount of \$25,000.

E. **CONTRACT AWARD FOR PROCESS PAINTING (Eng/Ops/WR)**

Staff recommends that the Board:

1. Award a service contract for the RP-5 Process Painting, Project No. PA16002, PA17002, and PA18002, to Tony Painting, in the amount of \$293,000; and
2. Authorize the General Manager to execute the service contract.

F. **DECLAZ MONITORING WELL CONSTRUCTION CONTRACT AWARD (Eng/Ops/WR)**

Staff recommends that the Board:

1. Award a construction contract for the Declaz Monitoring Well, Project No. EN17067, to Yellow Jacket Drilling, in the amount of \$243,239; and
2. Authorize the General Manager to execute the construction contract.

G. UPPER SANTA ANA RIVER INTEGRATED MODEL COST SHARING LETTER AGREEMENT (Eng/Ops/WR)

Staff recommends that the Board:

1. Approve the Upper Santa Ana River Integrated Model Cost Sharing Letter Agreement for the not-to-exceed amount of \$326,700; and
2. Authorize the General Manager to execute the letter agreement, subject to non-substantive changes.

H. OPPOSE POSITION TO AB 1000 (FRIEDMAN) (Comm/Leg)

Staff recommends that the Board oppose AB 1000 (Friedman) – Water Conveyance, which would impose additional state environmental reviews by unrelated agencies on a project that has already undergone environmental review under the California Environmental Quality Act, for water conveyed in California’s water transportation systems.

I. REQUEST FOR WAIVER OF LATE FEES (Fin/Admin)

Staff recommends that the Board consider the request from Water Facilities Authority to waive the late payment penalty and interest related to IEUA Invoice #90020279 in the amount of \$92,784.46 and any loss of interest earnings estimated at \$186.00.

2. ACTION ITEMS

A. SCADA ENTERPRISE SYSTEM DESIGN-BUILD CONTRACT AWARD (Eng/Ops/WR) (Fin/Admin)

Staff recommends that the Board:

1. Award a design-build contract for the SCADA Enterprise System Migration (RP-4 and RP-5), Project Nos. EN13016.03 and EN13016.04, to CDM Smith for the not-to-exceed amount of \$5,277,527; and
2. Authorize the General Manager to execute the design-build contract subject to non-substantive changes.

3. INFORMATION ITEMS

A. ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES (POWERPOINT)

B. LABORATORY SEMI-ANNUAL UPDATE (POWERPOINT)

C. MWD UPDATE (ORAL)

RECEIVE AND FILE INFORMATION ITEMS

- D. **PUBLIC OUTREACH AND COMMUNICATION (WRITTEN)**
 - E. **LEGISLATIVE REPORT FROM INNOVATIVE FEDERAL STRATEGIES (WRITTEN)**
 - F. **LEGISLATIVE REPORT FROM WEST COAST ADVISORS (WRITTEN)**
 - G. **LEGISLATIVE REPORT FROM AGRICULTURAL RESOURCES (WRITTEN)**
 - H. **CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT (WRITTEN)**
 - I. **FEDERAL LEGISLATIVE TRACKING MATRIX (WRITTEN)**
 - J. **STATE LEGISLATIVE TRACKING MATRIX (WRITTEN)**
 - K. **TREASURER'S REPORT OF FINANCIAL AFFAIRS (WRITTEN)**
 - L. **2016 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE (WRITTEN)**
 - M. **CITY OF UPLAND SEWER BILLING REIMBURSEMENT (WRITTEN)**
4. **AGENCY REPRESENTATIVES' REPORTS**
- A. **SAWPA REPORT (WRITTEN)**
 - B. **MWD REPORT (WRITTEN)**
 - C. **REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT (WRITTEN)** *(August 3, 2017 meeting has been cancelled. Next meeting scheduled for September 7, 2017.)*
 - D. **CHINO BASIN WATERMASTER REPORT (WRITTEN)**
5. **GENERAL MANAGER'S REPORT (WRITTEN)**
6. **BOARD OF DIRECTORS' REQUESTED FUTURE AGENDA ITEMS**
7. **DIRECTORS' COMMENTS**
- A. **CONFERENCE REPORTS**

This is the time and place for the Members of the Board to report on prescheduled Committee/District Representative Assignment meetings, which were held since the last regular Board meeting, and/or any other items of interest.

8. CLOSED SESSION

A. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(a) –
CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

1. Chino Basin Municipal Water District vs. City of Chino, Case No. RCV51010
2. Mwembu vs. IEUA, Case No. CIVDS 1415762

B. PURSUANT TO GOVERNMENT CODE SECTION 54956.8 –
CONFERENCE WITH REAL PROPERTY NEGOTIATOR

Supplemental Water Transfer/Purchase
Negotiating Party: General Manager P. Joseph Grindstaff
Under Negotiation: Price and Terms of Purchase

C. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(4)
CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION;
INITIATION OF LITIGATION

One (1) Case

D. PURSUANT TO GOVERNMENT CODE SECTION 54957.6 –
CONFERENCE WITH LABOR NEGOTIATOR

Meet and Confer Negotiations – All Bargaining Units
Negotiating Parties: General Manager P. Joseph Grindstaff

E. PURSUANT TO GOVERNMENT CODE SECTION 54954.5 – PUBLIC
EMPLOYMENT

General Manager

9. ADJOURN

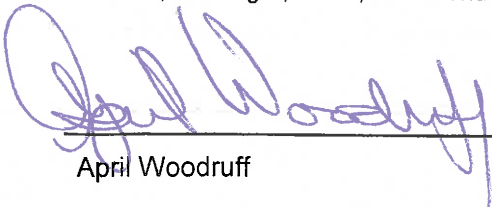
**A Municipal Water District*

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909) 993-1736, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

Proofed by: JH

Declaration of Posting

I, April Woodruff, Board Secretary/Office Manager of the Inland Empire Utilities Agency*, A Municipal Water District, hereby certify that a copy of this agenda has been posted by 5:30 p.m. at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA on Thursday, August 10, 2017.



April Woodruff

**CONSENT
CALENDAR
ITEM**

1A



**MINUTES OF THE REGULAR
MEETING OF
THE
INLAND EMPIRE UTILITIES AGENCY
BOARD OF DIRECTORS**

**WEDNESDAY, JULY 19, 2017
10:00 A.M.**

DIRECTORS PRESENT:

Steven J. Elie, President
Jasmin A. Hall, Secretary/Treasurer
Paul Hofer
Kati Parker

DIRECTORS ABSENT:

Michael Camacho, Vice President

STAFF PRESENT:

P. Joseph Grindstaff, General Manager
Chris Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs/Policy Development/AGM
Christina Valencia, Executive Manager of Finance and Administration/AGM
Joshua Aguilar, Senior Engineer
Sharmeen Bhojani, Manager of Human Resources
Pietro Cambiaso, Environmental Compliance & Energy Supervisor
Michael Dias, Assistant Engineer
Warren Green, Manager of Contracts & Procurement
Jason Gu, Grants Officer
Liz Hurst, Environmental Resources Planner II
Sally Lee, Executive Assistant
Chander Letulle, Manager of Operations and Maintenance
Jesse Pompa, Senior Engineer
Eric Scherck, Senior Project Manager
Shaun Stone, Manager of Engineering
Teresa Velarde, Manager of Internal Audit
April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT:

Mike Arreguin, IBE
Jean Cihigoyenette, JC Law Firm

A regular meeting of the Board of Directors of the Inland Empire Utilities Agency* was held at the office of the Agency, 6075 Kimball Avenue, Bldg. A, Chino, California on the above date.

President Elie called the meeting to order at 10:00 a.m. General Counsel Jean Cihigoyenette led the Pledge of Allegiance to the flag. A quorum was present.

President Elie stated that members of the public may address the Board. Mr. Michael Arreguin requested to address the Board.

Mr. Arreguin introduced himself as the Vice President for Burrtec Waste Industries, representing Inland Bioenergy (IBE). He thanked the Board of Directors for the opportunity to address the amendment between IBE and the Inland Empire Utilities Agency (IEUA). He stated over the past few months, there has been some serious discussion with staff on the deal points of this amendment. He reported that IBE and IEUA staff have worked very hard to come forward with a compromise, in his opinion, an amendment that works well for both sides. He acknowledged Executive Manager of Engineering/AGM Chris Berch as a tough negotiator and very smart guy, and he appreciated Mr. Berch's input and discussions, which has resulted in the amendment that will be presented this morning in Closed Session. He stated that they are looking forward to investing in the successful operation of this facility continuing to operate – now and into the future. He stated that they respectfully request that the Board consider this request with an approval, that will allow them to move forward. He thanked the Board.

President Elie thanked Mr. Arreguin, noting that this will be addressed in Closed Session.

President Elie asked if there were any changes/additions/deletions to the agenda.

General Counsel Jean Cihigoyenette reported one matter needs to be added to the Agenda in Closed Session under "General Manager Appointment". He stated that at this point, there was a misunderstanding as to the process, and this needs to be clarified before actual interviews are conducted on August 4, 2017. He stated that the inconsistent understanding was recently discovered; therefore, this matter was not placed on the agenda. He stated this will require a motion and a unanimous vote to add this item to today's Closed Session.

Upon motion by Director Parker, seconded by Director Hall, and unanimously carried:

M2017-7-1

MOVED, to add Pursuant to Government Code Section 54954.5 – Public Employment -General Manager to Closed Session.

NEW HIRE INTRODUCTIONS

General Manager Joseph Grindstaff introduced the following new hire:

- Mr. Jennifer Hy-Luk, Administrative Assistant I, hired 7/17/17

The Board of Directors welcomed Jennifer Hy-Luk to the IEUA team.

CONSENT ITEMS

President Elie asked if there were any Board members wishing to pull an item from the Consent Calendar for discussion. There was no one desiring to do so.

Upon motion by Director Hofer, seconded by Director Hall, and unanimously carried:

M2017-7-2

MOVED, to approve the Consent Calendar.
(Continued...)

M2017-7-2, continued.

- A. Approved the minutes from the June 21, 2017 and July 6, 2017 Board meetings.
- B. Adopted Resolution No. 2017-7-4, commending Executive Director Eunice Ulloa for her 12 years of Public Service with the Chino Basin Water Conservation District.

RESOLUTION 2017-7-4
RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, COMMENDING EXECUTIVE DIRECTOR EUNICE ULLOA FOR 12 YEARS OF SERVICE WITH THE CHINO BASIN WATER CONSERVATION DISTRICT *(for full text, see Resolution Book)*

- C. Recommended that the Board approve the total disbursements for the month of May 2017, in the amount of \$11,742,874.41.
- D. Adopted Resolution No. 2017-7-2, amending the Personnel Manual for the Unrepresented Employees and Resolution No. 2017-7-3, amending the salary schedule/matrix for Unrepresented Employees, Executive Management Employees, the Laboratory Unit, the General Unit, the Professional Unit, and the Operators' Association.

RESOLUTION 2017-7-2
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, APPROVING THE AMENDMENT OF THE PERSONNEL MANUAL *(for full text, see Resolution Book)*

RESOLUTION 2017-7-3
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, APPROVING THE AMENDMENT OF THE UNREPRESENTED, EXECUTIVE MANAGEMENT, LABORATORY UNIT, OPERATORS' ASSOCIATION, PROFESSIONAL UNIT AND GENERAL UNIT SALARY SCHEDULE/MATRIX *(for full text, see Resolution Book)*

- E. Ratified the purchases from the expired Thatcher Company of California Contract No. 4600001078 for aluminum sulfate in the amount of \$23,435.64.
- F. The Board:
 - 1. Approved a construction contract change order with J. F. Shea for the RP-1 Mixed Liquor Return Pumps, Project No. EN16024, for the not-to-exceed amount of \$152,168; and
 - 2. Authorized the General Manager to execute the construction contract change order.

(Continued...)

G. The Board:

1. Approved the Director Agreement between Inland Empire Utilities Agency and Foundation HA Energy Generation, LLC for the benefit of ZB, N.A. dba National Bank of Arizona; and
2. Authorized the General Manager to execute the Direct Agreement.

H. The Board approved IEUA membership in the California Data Collaborative for FY 2017/18, in the amount of \$27,500.

I. The Board:

1. Awarded the consulting engineering services contract for Phase 2 of the Feasibility Study for the Recycled Water Intertie Project No. EN16060, to Carollo Engineers for the not-to-exceed amount of \$119,900; and
2. Authorized the General Manager to execute the agreement, subject to non-substantive changes.

J. The Board:

1. Awarded a consulting engineering services contract for the San Bernardino Lift Station, Project No. EN17077, to CDM Smith, Inc., for the not-to-exceed amount of \$224,360; and
2. Authorized the General Manager to execute the contract subject to non-substantive changes.

K. The Board:

1. Approved contract amendment 4600001385-002 with Tom Dodson and Associates (TDA), for an on-call environmental services contract, for an additional amount of \$300,000; and
2. Authorized the General Manager, or in his absence, his designee to execute the contract amendment, subject to non-substantive changes.

L. The Board:

1. Approved the amendment to the Energy Management Services Agreement between Inland Empire Utilities Agency and Advanced Microgrid Solutions, Inc. (AMS);
2. Authorized the General Manager to finalize and execute the agreement amendment subject to non-substantive changes; and

(Continued...)

M2017-7-2, continued.

3. Authorized the General Manager to negotiate and execute the agreement between Inland Empire Regional Composting Authority (IERCA) and IEUA for the installation of a solar photovoltaic power plant, subject to engineering evaluation.

M. The Board:

1. Approved the Memorandum of Understanding (MOU) between IEUA and Anaergia for the Development of a Renewable Natural Gas Project at RP-1; and
2. Authorized the General Manager to execute the MOU with Anaergia.

ACTION ITEM

PUBLIC CONTRACT CODE SECTION 3400(c) – SOLE SOURCE REQUESTS

Manager of Engineering Shaun Stone stated from time to time, during the course of a project, it becomes necessary to select a single supplier for process, to meet the needs for proper implementation of projects, system standardization for ease of maintenance and operations, as well as training and acquiring spare parts stocking. He said that Section 3400 of the public contract code provides an exemption for the “or equal” provisions that is stated throughout the public contract code for construction public works procurements. He stated in discussion with General Counsel, the Agency, following Section 3400, can make a finding to allow that selection. Mr. Stone stated what staff is asking today is for the Board to delegate that authority to the General Manager. He explained how this would fit into the procurement process. He stated that single and sole source procurements for general items are covered under the Agency’s existing Procurement Ordinance. He stated that this exemption narrows that down to “within the scope of the project”; for example, washer compactor at RP-1 rehabilitation project has one piece of equipment that can meet the flow patterns, the standards, the configurations that is needed. While we specify that specific piece, it doesn’t remove the competitive nature of the project as a whole. He stated that the entire project is approximately \$5 million, and the single piece of equipment is \$50,000, which is 1% of the overall. In the competitive nature of contractors working on a bid, they would want to be the low bidder on the project, so they will use their buying power, reputation and relationships, to drive the lowest competitive price for that piece of equipment to be the most competitive on the overall project. Therefore, the Agency is not losing the competitive nature overall. Mr. Stone reported that staff will be conducting a pre-selection process through the expansion of RP-5. He stated through that process, the goal is to standardize the big ticket items, i.e., blowers, aeration panels, etc., and also to go through a competitive life-cycle cost analysis, with the goal being to bring a list of those back to the Board in support of the standardization, which ties back to the Agency’s preventative maintenance program versus corrective maintenance program.

Director Elie recapped the presentation as follows:

“The law requires X equipment or equal. The law allows the Board to make exceptions to that. What the staff is requesting is for the Board to delegate that authority, with the safeguards of the Manager of Engineering, Manager of Contracts and Procurement, and the General Manager, in the voting. When we do put it out to bid, we can say – we have a \$10 million project, but for this \$1 million piece of equipment, we are removing the word – or equal – and staff would make that determination in the bidding process.”

Director Hofer responded that as a public agency, there needs to be all the backup information on file, and a very clear trail of how staff came to their decision, that could be examined at any time by anyone in the public or contractor that may have a dispute.

Director Parker requested an example of services from the phrase of "sole source request for material, product, things, or services". Staff responded, that an example where staff would use this exemption would be a new electro scanning technology service, which conducts an MRI of a pipeline, and there is only one company providing this service. It would never apply to a contractor with a specific service.

Upon motion by Director Hofer, seconded by Director Hall, and unanimously carried:

M2017-7-3

MOVED, to authorize the General Manager, or his designee, to review and approve single or sole source requests for materials projects, things, or services per Public Contract Code Section 3400(c) consistent with the protocol defined herein.

ADOPTION OF RESOLUTION NO. 2017-7-1, FOR APPROVAL OF MASTER AMENDMENT NO. 1

Executive Manager of Finance & Administration/AGM Christina Valencia reported that staff has been working with the State Water Resources Control Board to consistently amend the lien positions, financing terms and certain definitions among the nineteen (19) Clean Water State Revolving Fund financing agreements. She mentioned that changes in the State Water Board financing policies resulted in varying lien requirements, with some of the more recent financing agreements requiring an equal position versus a junior position to the Agency's outstanding bonded debt. Ms. Valencia stated that the proposed Amendment is intended to provide consistency to more clearly define the lien positions, financing terms, and certain definition among the 19 outstanding agreements. She noted that the Agency's outstanding revenue bonds will be senior to the existing SRF loans. Any new future debt obligations will begin parity. Ms. Valencia further noted that this process will simplify the way that the Agency is currently calculating the debt coverage ratio amongst all 19 loans, and going forward, this will be used for a template for any new loans which should streamline the credit review process.

Upon motion by Director Hall, seconded by Director Hofer, and unanimously carried:

M2017-7-4

MOVED, to adopt Resolution No. 2017-7-1, for approval of Master Amendment No. 1 (Amendment) to consistently amend the lien positions, financing terms and certain definitions among the nineteen (19) Clean Water States Revolving Fund (SRF) financing agreements (Agreements) between the Agency and the California State Water Resources Control Board (State Water Board) as identified in the proposed Amendment.

RESOLUTION 2017-7-1

RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, FOR APPROVAL OF MASTER AMENDMENT NO. 1 (AMENDMENT) TO CONSISTENTLY AMEND THE LIEN POSITIONS, FINANCING TERMS AND CERTAIN DEFINITIONS AMONG THE NINETEEN (19) CLEAN WATER STATE REVOLVING FUND (SRF) FINANCING AGREEMENTS (AGREEMENTS) BETWEEN THE AGENCY AND THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD (STATE WATER BOARD) (for full text, see Resolution Book)

INFORMATION ITEMS

CITY OF UPLAND SEWAGE BILLING ERROR REVIEW (WRITTEN)

Executive Manager of Finance & Administration/AGM Christina Valencia reported that on May 18, 2017, the Agency was notified by the City of Upland of a billing error. She reported that based on the City of Upland's analysis, over the three fiscal years prior to FY 2016/17, the City has been overpaying IEUA for the monthly sewer charges. The City of Upland did make the corrections in the system in FY 2016/17; therefore, there is no outstanding claim for the prior fiscal year. Ms. Valencia reported that staff went out and conducted a preliminary review, followed by a second review, and an adjustment will be made based on their validation of the data. She noted this will be going to the Regional Technical Committee for recommendation to issue the City of Upland a credit consistent with the Regional Contract terms on July 27, 2017.

RP-2 MICROTURBINE CONTRACT TERMINATION (WRITTEN)

Senior Engineer Jesse Pompa informed the Board that circumstances have led to the need to cancel the contract for design and construction of a microturbine at the RP-2 Facility. He said that the project economics were predicated on achieving a return on investment (ROI) within the remaining life of the RP-2 facility, and achieving that ROI was dependent on receiving funding from the Self-Generation Incentive Program (SGIP). Mr. Pompa stated that recent changes to the SGIP have impacted the amount of funding that the Agency could receive for the project. He reported that the impact was so significant that the ROI is now multiple years beyond the life of the RP-2 facility. Staff is in the process of exercising the stipulation of the contract that allows the Agency to cancel all project work.

General Manager Grindstaff acknowledged Mr. Pompa for overseeing the IEUA Board Room transformation. He thanked Mr. Pompa for his work in accomplishing this project.

MWD UPDATE (ORAL)

Executive Manager of Engineering/AGM Chris Berch gave an update. MWD has identified approximately 400 acre feet (AF) of surplus imported water. They are triggering any type of store programs that they have. The Dry Year Yield Program (DYY) was triggered in June with 6,500 AF, and 25,000 AF this year, and may go up the 100,000 AF depending if the parties want to activate beyond the contract. He reported that MWD is trying to also trigger cyclic programs. Mr. Berch gave an update on the Cal Water Fix project. MWD started conducting detailed briefing to the Board, as well as issuing some white papers. The first one being released is looking more at the administration time between the State Water Project contractors and DWR. The next white paper will be on financing and looking at some of the regulatory impacts. He stated there has been a lot of discussions.

General Manager Grindstaff mentioned the Record of Decision and the Notice of Determination are likely to be issued in the next week or two on the environmental documents. He stated that would signal the start of legal wars, and also that they are in the final year toward the path of making a decision. The big decision is financing. The Agency is waiting to see how the financing evolves as we move ahead. A year from now is when the Agency is expecting to make some key decisions. IEUA is planning on having MWD conduct a briefing for the water managers of our member agencies and have a workshop at IEUA where MWD will brief our Board members in the next couple months.

Mr. Berch stated that the advance treatment pilot plant that MWD has been working with the LA County Sanitation District at the Carson facility is a half a million gallon a day plant. They issued a \$14 million contract to construct the facility and it should be online in January 2019. The data they collect from this plant will go toward a possible future 100,000 AF a year advanced treatment plant out of Carson that will start pumping advanced treatment water up into the groundwater

basins, with subsequent phases that may go as far as the Chino Basin. It's an expensive pilot process so they feel it's necessary to get the full buy-in from the MWD parties.

THE FOLLOWING INFORMATION ITEMS WERE RECEIVED AND FILED BY THE BOARD:

PUBLIC OUTREACH AND COMMUNICATION

LEGISLATIVE REPORT FROM INNOVATIVE FEDERAL STRATEGIES

LEGISLATIVE REPORT FROM WEST COAST ADVISORS

LEGISLATIVE REPORT FROM AGRICULTURAL RESOURCES

CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT

FEDERAL LEGISLATIVE TRACKING MATRIX

STATE LEGISLATIVE TRACKING MATRIX

TREASURER'S REPORT OF FINANCIAL AFFAIRS

FISCAL YEAR 2016/17 THIRD QUARTER BUDGET VARIANCE, PERFORMANCE GOALS UPDATES, AND BUDGET TRANSFERS

INTERNAL AUDIT DEPARTMENT STATUS REPORT FOR JUNE 2017

AUDIT COMMITTEE FINANCIAL ADVISOR – REQUEST FOR PROPOSAL PROCESS

AUDIT PLANNING COMMUNICATION AS REQUIRED BY SAS 114

WATER USE EFFICIENCY PROGRAM AUDIT

2017 PETTY CASH AUDIT AND FOLLOW-UP REVIEW

FOLLOW-UP REVIEW – HUMAN RESOURCES

AGENCY REPRESENTATIVES' REPORTS

SAWPA REPORT

Director Hall reported that the July 18, 2017 meeting was routine. IEUA received a positive comment about the outreach effort from the Executive Manager of External Affairs & Policy Development/AGM to educate the public on the water use efficiency in the local movie theaters. Director Hall thanked the External Affairs & Policy Development department for their efforts and stated that the ad was reaching the public and was clear and effective.

MWD REPORT

There was nothing further to report.

REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT

The Regional Sewerage Program Policy Committee meeting has been rescheduled to July 27, 2017.

CHINO BASIN WATERMASTER REPORT

President Elie reported that there were three or four appeals to the Safe Yield ruling. It is in the appellate process and some have asked for a stay. CBWM has resigned a contract with General Manager Peter Kavounas with a slight raise.

GENERAL MANAGER'S REPORT

General Manager Joe Grindstaff reported a summary of the different kinds of energy projects - fuel cell, wind turbine, internal combustion engines, and solar portfolio.

BOARD OF DIRECTORS' REQUESTED FUTURE AGENDA ITEMS

There were no Board requested future agenda items.

DIRECTORS' COMMENTS

Director Hall commented that she attended Celeste Cantú's retirement event on June 22, 2017. She also attended the Association of the San Bernardino County Special Districts Dinner with the speaker Sheriff John McMahon who shared about safety in the work place and how to protect employees.

President Elie commented that he had attended an event the night before, the ribbon cutting for Pinehurst Park in Chino Hills, a 14.2 acre park right off the 71 freeway.

CLOSED SESSION

The Board went into Closed Session at 10:35 a.m., A. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(a) – CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION: (1) Chino Basin Municipal Water District vs. City of Chino, Case No. RCV51010; (2) Mwembu vs. IEUA, Case No. CIVDS 1415762; B. PURSUANT TO GOVERNMENT CODE SECTION 54956.8 – CONFERENCE WITH REAL PROPERTY NEGOTIATOR: (1) Supplemental Water Transfer/Purchase, Negotiating Party: General Manager P. Joseph Grindstaff, Under Negotiation: Price and Terms of Purchase; C. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(4) CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION; INITIATION OF LITIGATION: Two (2) Cases

The meeting resumed at 10:53 a.m., and General Counsel Jean Cihigoyenatche stated that the below-mentioned matters were discussed in Closed Session, and the Board took the following actions:

Regarding Conference with Legal Counsel – Existing Litigation:

Chino Basin Municipal Water District vs. City of Chino, Case No. RCV51010

Mwembu vs. IEUA, Case No. CIVDS 1415762

The Board did not discuss.

Regarding Conference with Real Property Negotiator:

Supplemental Water Transfer/Purchase

The Board did not discuss.

Regarding Conference with Legal Counsel – Anticipated Litigation; Initiation of Litigation:

First Case

The Board took no reportable action.

Regarding Conference with Legal Counsel – Anticipated Litigation; Initiation of Litigation:

Second Case

Upon motion by Director Hall, seconded by Director Elie, and unanimously carried:

M2017-7-5

A settlement agreement was reached in the form of an amendment to the lease agreement at the RP-5 solids handling facility with IBE, was approved.

Pursuant to Government Code Section 54954.5 – Public Employment (*added this morning by unanimous vote*)

General Manager

The Board took no reportable action.

With no further business, President Elie adjourned the meeting at 10:55 a.m.

Jasmin A. Hall, Secretary/Treasurer

APPROVED: AUGUST 16, 2017



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

**MINUTES OF THE SPECIAL
MEETING OF
THE
INLAND EMPIRE UTILITIES AGENCY
BOARD OF DIRECTORS**

**FRIDAY, AUGUST 4, 2017
8:30 A.M.**

DIRECTORS PRESENT:

Steven J. Elie, President
Michael Camacho, Vice President
Jasmin A. Hall, Secretary/Treasurer
Paul Hofer
Kati Parker (via Skype)

STAFF PRESENT:

April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT:

Norm Roberts, Roberts Consulting Group

A special meeting of the Board of Directors of the Inland Empire Utilities Agency* was held at the office of the Agency, 6075 Kimball Avenue, Bldg. B, Chino, California on the above date.

President Elie called the meeting to order at 8:41 a.m. and he dispensed with the pledge of allegiance to the flag. A quorum was present.

President Elie stated that members of the public may address the Board. There was no one desiring to do so.

President Elie asked if there were any changes/additions/deletions to the agenda. There were no changes/additions/deletions to the agenda.

CLOSED SESSION

The Board went into Closed Session at 8:42 a.m., A. PURSUANT TO GOVERNMENT CODE SECTION 54954.5 – PUBLIC EMPLOYMENT: General Manager

The meeting resumed at 5:40 p.m., and President Elie state that below-mentioned matter was discussed in Closed Session, and the Board took the following action:

Regarding public employment:

General Manager

The Board took no reportable action.

**CONSENT
CALENDAR
ITEM**

1B

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Finance & Administration

08/09/17

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Report on General Disbursements

Executive Summary:

June disbursement activity includes vendor check payments of \$5,934,087.16 and worker's compensation check payments of \$11,234.73. The total amount of ACH payments was \$1,824,180.57. The total amount of wire transfer payments (excluding payroll) was \$9,564,730.17. The total pay for the Board of Directors was \$5,285.76. The total pay for employees was \$1,425,630.52.

Staff's Recommendation:

Approve the total disbursements for the month of June 2017, in the amount of \$18,765,148.91.

Budget Impact: N *Budgeted (Y/N):* N *Amendment (Y/N):* N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

The cash held by the Agency's various funds, including the Administrative Services (GG) Fund, is reduced as a result of paying the Agency's authorized expenditures.

Prior Board Action:

None.

Environmental Determination:

Not Applicable

Business Goal:

The report on general disbursements is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for general disbursements associated with operating requirements.

Attachments:

Attachment 1 - Background

Background

Subject: Report on General Disbursements

Attachment	Payment Type	Amount
1	Vendor Checks	\$5,934,087.16
2	Workers' Comp Checks	\$11,234.73
3	Vendor ACHs	\$1,824,180.57
4	Vendor Wires (excludes Payroll)	\$9,564,730.17
5	Payroll-Net Pay-Directors	\$5,285.76
6	Payroll-Net Pay-Employees	\$1,425,630.52
Total Disbursements		\$18,765,148.91

Payments to vendors this month above \$500,000 include:

Vendor	Amount	Description
MWD	\$5,577,557.73	April 2017 Water Purchase
CalPERS OPEB	\$2,000,000.00	OPEB Funding Liability
SWRCB	\$1,279,103.67	SRF Repayments # 9 - 110, #12 - 140
PERS	\$1,148,798.26	6/17 Hlth Ins; P/R 12,13, DIR 006 PERS Cont
I R S	\$651,129.62	P/R 12, 13, DIR 006 Taxes
KEMP BROS CONST	\$584,437.78	EN15008-Water Quality Lab 5/17 Pay Est 9
J F SHEA	\$538,315.45	EN16024 Pay Est 6, EN17040 Pay Est 5

Attachment 1

Vendor Checks

Bank		CBB		CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149					
Acct number		CHECK		231167641			
Check							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
219425	2200083326	06/01/2017	USD	445.00	ADVANCED CHEMICAL TECHNOLOGY IRANCHO CUCAMONGA CA	06/07/2017	
219426	2200083307	06/01/2017	USD	58.00	AEROTEK INC ATLANTA GA	06/06/2017	
219427	2200083288	06/01/2017	USD	47.30	AIRGAS WEST INC PASADENA CA	06/05/2017	
219428	2200083328	06/01/2017	USD	3,885.20	ALLIED UNIVERSAL SECURITY SERV PASADENA CA	06/05/2017	
219429	2200083356	06/01/2017	USD	239.14	AMERICAN HERITAGE LIFE INSURANCE DALLAS TX	06/08/2017	
219430	2200083349	06/01/2017	USD	1,659.37	ARBON EQUIPMENT CORPORATION CHICAGO IL	06/06/2017	
219431	2200083330	06/01/2017	USD	226.06	AUTOZONE INC ATLANTA GA	06/07/2017	
219432	2200083332	06/01/2017	USD	290.22	BAY CITY ELECTRIC WORKS POWAY CA	06/08/2017	
219433	2200083361	06/01/2017	USD	300.00	BENDER, DEL UPLAND CA	06/06/2017	
219434	2200083299	06/01/2017	USD	4,527.26	BRAGG CRANE SERVICE LONG BEACH CA	06/06/2017	
219435	2200083354	06/01/2017	USD	141.00	BURRTEC WASTE INDUSTRIES INC FONTANA CA	06/08/2017	
219436	2200083298	06/01/2017	USD	152.22	CALIFORNIA NEWSPAPER SERVICE BLOS ANGELES CA	06/06/2017	
219437	2200083336	06/01/2017	USD	24,875.01	CALIFORNIA WATER TECHNOLOGIES, PASADENA CA	06/06/2017	
219438	2200083297	06/01/2017	USD	9,313.48	CAROLLO ENGINEERS INC SALT LAKE CITY UT	06/07/2017	
219439	2200083295	06/01/2017	USD	356.60	CENTRAL CALIFORNIA INSTRUMENTS BAKERSFIELD CA	06/07/2017	
219440	2200083345	06/01/2017	USD	500.00	CENTRAL ELEMENTARY SCHOOL DIST IRANCHO CUCAMONGA CA	06/13/2017	
219441	2200083346	06/01/2017	USD	6,920.46	CHEMTRADE CHEMICALS US LLC DETROIT MI	06/06/2017	
219442	2200083308	06/01/2017	USD	1,353.22	CHINO VALLEY UNIFIED SCHOOL CHINO CA	06/06/2017	
219443	2200083321	06/01/2017	USD	1,586.04	CINJAS CORPORATION LOCH#150 PHOENIX AZ	06/13/2017	
219444	2200083278	06/01/2017	USD	76.03	CITY RENTALS INC ONTARIO CA	06/08/2017	
219445	2200083317	06/01/2017	USD	2,126.99	CS-AMSCO HUNTINGTON BEACH CA	06/07/2017	
219446	2200083337	06/01/2017	USD	148.07	D & H WATER SYSTEMS INC OCEANSIDE CA	06/08/2017	
219447	2200083348	06/01/2017	USD	413.40	DAISY IT SUPPLIES SALES & SERV IRANCHO CUCAMONGA CA	06/07/2017	
219448	2200083344	06/01/2017	USD	18,927.71	DXP ENTERPRISES INC HOUSTON TX	06/06/2017	
219449	2200083304	06/01/2017	USD	1,619.78	E Z PARTY RENTALS POMONA CA	06/06/2017	
219450	2200083362	06/01/2017	USD	300.00	ETHRIDGE, MICHELLE UPLAND CA	06/07/2017	
219451	2200083329	06/01/2017	USD	915.00	EUROFINS EATON ANALYTICAL, INCGRAPEVINE TX	06/07/2017	
219452	2200083323	06/01/2017	USD	2,104.63	FASISIGNS ONTARIO CA	07/06/2017	
219453	2200083339	06/01/2017	USD	57,924.10	FERREIRA COASTAL CONSTRUCTION BRANCHEURG NJ	06/06/2017	
219454	2200083280	06/01/2017	USD	1,799.15	FISHER SCIENTIFIC LOS ANGELES CA	06/05/2017	
219455	2200083281	06/01/2017	USD	132.21	FLO SYSTEMS INC ANAHEIM HILLS CA	06/09/2017	
219456	2200083318	06/01/2017	USD	444.33	FLSMIDTH USA INC DALLAS TX	06/08/2017	
219457	2200083335	06/01/2017	USD	1,380.00	FONTANA UNIFIED SCHOOL DISTRICT FONTANA CA	06/19/2017	
219458	2200083352	06/01/2017	USD	638.09	FONTANA WATER COMPANY FONTANA CA	06/08/2017	
219459	2200083357	06/01/2017	USD	150.87	FRESQUEZ, ADRIAN CHINO HILLS CA	06/06/2017	
219460	2200083355	06/01/2017	USD	1,749.58	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	06/09/2017	
219461	2200083289	06/01/2017	USD	384.84	GRAINGER PALATINE IL	06/07/2017	
219462	2200083347	06/01/2017	USD	22,869.07	HARTZELL AIR MOVEMENT PIQUA OH	06/06/2017	
219463	2200083282	06/01/2017	USD	1,761.60	HOME DEPOT CREDIT SERVICES DES MOINES IA	06/09/2017	
219464	2200083353	06/01/2017	USD	56,101.89	INLAND BIOENERGY LLC FONTANA CA	06/19/2017	
219465	2200083319	06/01/2017	USD	500.00	INSIDE PLANTS INC CORONA CA	06/07/2017	
219466	2200083325	06/01/2017	USD	1,150.00	JB'S POOLS & PONDS INC UPLAND CA	06/06/2017	
219467	2200083283	06/01/2017	USD	3,418.79	JOHNSON POWER SYSTEMS LOS ANGELES CA	06/05/2017	
219468	2200083342	06/01/2017	USD	1,000.00	JUAN F ZAMORA MURRIETA CA	06/05/2017	

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219469	2200083312	06/01/2017	USD	292.00	JURUPA UNIFIED SCHOOL DISTRICTJURUPA VALLEY CA	06/19/2017
219470	2200083284	06/01/2017	USD	109.95	LASER LINE RANCHO CUCAMONGA CA	06/08/2017
219471	2200083303	06/01/2017	USD	13,425.00	LEE & RO INC CITY OF INDUSTRY CA	06/06/2017
219472	2200083363	06/01/2017	USD	300.00	LEONARD, GISELA UPLAND CA	06/06/2017
219473	2200083327	06/01/2017	USD	776.05	MAILFINANCE INC DALLAS TX	06/07/2017
219474	2200083364	06/01/2017	USD	300.00	MALDONADO, ERNIE UPLAND CA	06/09/2017
219475	2200083343	06/01/2017	USD	643.88	MANAGED MOBILE INC PLACENTIA CA	06/06/2017
219476	2200083340	06/01/2017	USD	250.00	MICRONET COMMUNICATIONS INC PLANO TX	06/09/2017
219477	2200083300	06/01/2017	USD	21.02	MIDPOINT BEARING ONTARIO CA	06/05/2017
219478	2200083359	06/01/2017	USD	2,415.55	MORRIS, SHANEKA CHINO HILLS CA	06/14/2017
219479	2200083311	06/01/2017	USD	6,800.00	NINYO & MOORE SAN DIEGO CA	06/06/2017
219480	2200083341	06/01/2017	USD	1,716.00	O C VACUUM INC CITY OF INDUSTRY CA	06/07/2017
219481	2200083279	06/01/2017	USD	2,299.00	OFFICE DEPOT PHOENIX AZ	06/13/2017
219482	2200083292	06/01/2017	USD	376.20	PEHELPS INDUSTRIAL PRODUCTIS INCELKRIDGE MD	06/06/2017
219483	2200083365	06/01/2017	USD	300.00	PIPERSKY, TOM RANCHO CUCAMONGA CA	06/05/2017
219484	2200083334	06/01/2017	USD	1,443.10	PMC ENGINEERING LLC DANBURY CT	06/06/2017
219485	2200083358	06/01/2017	USD	405.00	POMPA, JESSE CHINO HILLS CA	06/09/2017
219486	2200083301	06/01/2017	USD	402.43	RED WING SHOE STORE UPLAND CA	06/09/2017
219487	2200083285	06/01/2017	USD	8,287.75	RMA GROUP RANCHO CUCAMONGA CA	06/13/2017
219488	2200083315	06/01/2017	USD	39,215.82	RMC WATER AND ENVIRONMENT WALNUT CREEK CA	06/14/2017
219489	2200083306	06/01/2017	USD	1,998.07	ROSEMOUNT INC CHICAGO IL	06/06/2017
219490	2200083286	06/01/2017	USD	2,522.92	ROYAL WHOLESALE ELECTRIC ORANGE CA	06/06/2017
219491	2200083350	06/01/2017	USD	9,513.75	SHARON BROWNING & ASSOCIATES PACIFIC PALISADES CA	06/08/2017
219492	2200083293	06/01/2017	USD	61.14	SIGMA-ALDRICH INC ATLANTA GA	06/09/2017
219493	2200083287	06/01/2017	USD	50.04	SMART & FINAL LOS ANGELES CA	06/06/2017
219494	2200083360	06/01/2017	USD	57.03	SNIDER, LISA CHINO HILLS CA	06/05/2017
219495	2200083351	06/01/2017	USD	75,201.62	SO CALIF EDISON ROSEMAD CA	06/05/2017
219496	2200083290	06/01/2017	USD	125.47	SOUTH COAST AQMD LOS ANGELES CA	06/05/2017
219497	2200083331	06/01/2017	USD	1,170.00	STAFFING NETWORK LLC CAROL STREAM IL	06/07/2017
219498	2200083294	06/01/2017	USD	230.00	STATE WATER RESOURCES CNTRL ERSACRAMENTO CA	06/07/2017
219499	2200083302	06/01/2017	USD	137.37	SUNSHINE GROWERS NURSERY INC ONTARIO CA	06/07/2017
219500	2200083338	06/01/2017	USD	3,980.03	THERMO ELECTRON NORTH AMERICA ATLANTA GA	06/06/2017
219501	2200083324	06/01/2017	USD	195.00	THOMAS HARDER & CO INC ANAHEIM CA	06/09/2017
219502	2200083296	06/01/2017	USD	150.00	TRI STATE ENVIRONMENTAL SAN BERNARDINO CA	06/08/2017
219503	2200083316	06/01/2017	USD	1,881.64	TRUSSELL TECHNOLOGIES INC PASADENA CA	06/07/2017
219504	2200083322	06/01/2017	USD	21,801.00	U S BANK FARGO ND	06/05/2017
219505	2200083309	06/01/2017	USD	3,000.00	U S BANK NA MINNEAPOLIS MN	06/05/2017
219506	2200083305	06/01/2017	USD	1,585.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA	06/05/2017
219507	2200083314	06/01/2017	USD	85.94	URIMAGE BLOOMINGTON CA	06/13/2017
219508	2200083333	06/01/2017	USD	9,802.13	UTILIQUEST LLC ATLANTA GA	06/05/2017
219509	2200083310	06/01/2017	USD	12,108.62	W A BASIC CONSTRUCTION CO INC LONG BEACH CA	06/07/2017
219510	2200083291	06/01/2017	USD	247.00	WATER ENVIRONMENT FEDERATION BOSTON MA	06/09/2017
219511	2200083313	06/01/2017	USD	350.76	WORLDWIDE EXPRESS ALBANY NY	06/06/2017
219512	2200083320	06/01/2017	USD	1,505.00	ZASIO ENTERPRISES INC EAGLE ID	06/09/2017

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219514	2200083455	06/08/2017	USD	522.00	AEROTEK INC ATLANTA GA	06/13/2017
219515	2200083423	06/08/2017	USD	452.23	AIRGAS WEST INC PASADENA CA	06/12/2017
219516	2200083498	06/08/2017	USD	5,250.00	ALS ENVIRONMENTAL DALLAS TX	06/15/2017
219517	2200083476	06/08/2017	USD	1,101.92	ALTA FOODCRAFT COFFEE LONG BEACH CA	06/14/2017
219518	2200083473	06/08/2017	USD	3,140.00	AMP MECHANICAL INC COSTA MESA CA	06/16/2017
219519	2200083522	06/08/2017	USD	129.27	ARGUELLES, ALEX CHINO HILLS CA	06/14/2017
219520	2200083503	06/08/2017	USD	100.00	ARMENDAREZ III, JESUS M FONTANA CA	06/14/2017
219521	2200083477	06/08/2017	USD	170.42	ASAP INDUSTRIAL SUPPLY FONTANA CA	06/13/2017
219522	2200083441	06/08/2017	USD	22.00	ASSOC SAN BERNARDINO CNTY SPECSAN BERNARDINO CA	06/19/2017
219523	2200083485	06/08/2017	USD	1,465.31	AUTOZONE INC ATLANTA GA	06/19/2017
219524	2200083453	06/08/2017	USD	890.00	BABCOCK LABORATORIES, INC RIVERSIDE CA	06/15/2017
219525	2200083523	06/08/2017	USD	12.26	BARBER, MICHAEL CHINO HILLS CA	06/30/2017
219526	2200083432	06/08/2017	USD	8,698.72	BLACK & VEATCH CORPORATION KANSAS CITY MO	06/14/2017
219527	2200083487	06/08/2017	USD	16,918.83	BRIGHTVIEW LANDSCAPE SERVICES LOS ANGELES CA	06/12/2017
219528	2200083471	06/08/2017	USD	680.00	BUILDING BLOCK ENTERTAINMENT WOODLAND HILLS CA	06/13/2017
219529	2200083479	06/08/2017	USD	7,320.00	C BELOW INC CHINO CA	06/13/2017
219530	2200083429	06/08/2017	USD	83.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	06/22/2017
219531	2200083489	06/08/2017	USD	7,136.69	CALIFORNIA WATER TECHNOLOGIES SANTA FE SPRINGS CA	06/13/2017
219532	2200083529	06/08/2017	USD	271.89	CAMACHO, MICHAEL CHINO HILLS CA	06/12/2017
219533	2200083519	06/08/2017	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	06/13/2017
219534	2200083500	06/08/2017	USD	100.00	CETINA, LUIS H. RANCHO CUCAMONGA CA	06/14/2017
219535	2200083528	06/08/2017	USD	275.00	CHOU, RONALD CHINO HILLS CA	06/29/2017
219536	2200083469	06/08/2017	USD	490.54	CINTAS CORPORATION LOCK#150 PHOENIX AZ	06/20/2017
219537	2200083470	06/08/2017	USD	388.82	CINTAS CORPORATION LOCK#150 PHOENIX AZ	06/20/2017
219538	2200083517	06/08/2017	USD	436.00	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	06/20/2017
219539	2200083507	06/08/2017	USD	5,479.56	CITY OF CHINO CHINO CA	06/12/2017
219540	2200083427	06/08/2017	USD	269,401.19	CITY OF FONTANA FONTANA CA	06/14/2017
219541	2200083413	06/08/2017	USD	82.47	CITY RENTALS INC ONTARIO CA	06/16/2017
219542	2200083481	06/08/2017	USD	1,625.00	CIVIC PUBLICATIONS INC LA VERNE CA	06/14/2017
219543	2200083490	06/08/2017	USD	8,272.09	CIVILTEC ENGINEERING, INC. MONROVIA CA	06/13/2017
219544	2200083482	06/08/2017	USD	35,865.24	CONSERV CONSTRUCTION INC MENIFEE CA	06/14/2017
219545	2200083474	06/08/2017	USD	739.75	CRB SECURITY SOLUTIONS WESTMINSTER CA	06/14/2017
219546	2200083509	06/08/2017	USD	465.62	CUCAMONGA VALLEY WATER DISTRICT LOS ANGELES CA	06/13/2017
219547	2200083449	06/08/2017	USD	84.00	DEPARTMENT OF HOUSING AND SACRAMENTO CA	06/27/2017
219548	2200083459	06/08/2017	USD	1,130.45	DESERT PUMPS AND PARTS INC BELLA VISTA AR	06/13/2017
219549	2200083502	06/08/2017	USD	19,701.60	DORGAN LEGAL SERVICES LLP PASADENA CA	06/20/2017
219550	2200083454	06/08/2017	USD	2,736.25	DUDEK & ASSOCIATES INC ENCINITAS CA	06/16/2017
219551	2200083499	06/08/2017	USD	45,967.65	DXP ENTERPRISES INC HOUSTON TX	06/14/2017
219552	2200083506	06/08/2017	USD	5,719.59	EBS GENERAL ENGINEERING INC CORONA CA	06/14/2017
219553	2200083531	06/08/2017	USD	81.43	ELIE, STEVE CHINO HILLS CA	06/14/2017
219554	2200083484	06/08/2017	USD	45.00	EUROFINS EATON ANALYTICAL, INOCRAPEVINE TX	06/13/2017
219555	2200083493	06/08/2017	USD	21,297.01	FERREIRA COASTAL CONSTRUCTION BRANCHBURG NJ	06/14/2017
219556	2200083415	06/08/2017	USD	4,422.57	FISHER SCIENTIFIC LOS ANGELES CA	06/12/2017

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

Check Register

07/25/2017 / 15:58:06
 User: CCAMPBRL
 Page: 4

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Check						
Check number from to	Payment	Amnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
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219558	2200083467	06/08/2017	USD	3,528.21	GEI CONSULTANTS INC BOSTON MA	06/13/2017
219559	2200083480	06/08/2017	USD	13,500.00	GHD PASADENA CA	06/14/2017
219560	2200083425	06/08/2017	USD	4,130.10	GRAINGER PALATINE IL	06/13/2017
219561	2200083534	06/08/2017	USD	95.93	HALL, JASMIN CHINO HILLS CA	06/16/2017
219562	2200083436	06/08/2017	USD	363.44	HAWTHORNE LIFT SYSTEMS LOS ANGELES CA	06/15/2017
219563	2200083533	06/08/2017	USD	14.10	HODGES, BRANDEN CHINO HILLS CA	06/13/2017
219564	2200083416	06/08/2017	USD	2,054.57	HOME DEPOT CREDIT SERVICES DES MOINES IA	06/16/2017
219565	2200083447	06/08/2017	USD	1,398.46	HORIZON TECHNOLOGY SALEM NH	06/13/2017
219566	2200083437	06/08/2017	USD	32.42	HOSE-MAN INC IRWINDALE CA	06/14/2017
219567	2200083526	06/08/2017	USD	48.36	HUBER, JENNIFER CHINO HILLS CA	06/16/2017
219568	2200083501	06/08/2017	USD	3,235.21	IDEXX DISTRIBUTION INC ATLANTA GA	06/13/2017
219569	2200083460	06/08/2017	USD	1,690.00	INLAND EMPIRE MAGAZINE RIVERSIDE CA	06/23/2017
219570	2200083515	06/08/2017	USD	66.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	06/16/2017
219571	2200083417	06/08/2017	USD	3,780.00	INLAND VALLEY DAILY BULLETIN LOS ANGELES CA	06/15/2017
219572	2200083504	06/08/2017	USD	1,143.21	INSTANT SIGNS INC MONTECLAIR CA	06/14/2017
219573	2200083468	06/08/2017	USD	5,799.73	INTEGRATED DESIGN SERVICES INC IRVINE CA	06/14/2017
219574	2200083466	06/08/2017	USD	2,700.00	JAEINCHEN, CLAUDINE STEPHANIE ORANGE CA	06/16/2017
219575	2200083418	06/08/2017	USD	15.42	JOHNSON POWER SYSTEMS LOS ANGELES CA	06/12/2017
219576	2200083435	06/08/2017	USD	290.93	KONICA MINOLTA PASADENA CA	06/13/2017
219577	2200083434	06/08/2017	USD	19.78	KONICA MINOLTA BUSINESS SOLUTIONS PASADENA CA	06/14/2017
219578	2200083495	06/08/2017	USD	1,440.00	LABORATORY SERVICE AND CONSULTING VACAVILLE CA	06/14/2017
219579	2200083446	06/08/2017	USD	18,333.00	LEE & RO INC CITY OF INDUSTRY CA	06/13/2017
219580	2200083524	06/08/2017	USD	948.30	LEE, SYLVIE CHINO HILLS CA	
219581	2200083512	06/08/2017	USD	917.66	LEVEL 3 COMMUNICATIONS LLC DENVER CO	06/14/2017
219582	2200083496	06/08/2017	USD	890.69	MANAGED MOBILE INC PLACENTIA CA	06/13/2017
219583	2200083520	06/08/2017	USD	288.00	MARIA FRESQUEZ N LAS VEGAS NV	06/15/2017
219584	2200083532	06/08/2017	USD	11.52	MCCORKELL, GREGORY CHINO HILLS CA	06/13/2017
219585	2200083451	06/08/2017	USD	4,932.55	MCCROMETER INC CHICAGO IL	06/12/2017
219586	2200083521	06/08/2017	USD	50.29	MEDEIROS, SHAWN CHINO HILLS CA	06/13/2017
219587	2200083448	06/08/2017	USD	158.89	MINUTEMAN PRESS RANCHO CUCAMONGA CA	06/16/2017
219588	2200083536	06/08/2017	USD	107.73	MONFORE, KENNETH CHINO HILLS CA	06/15/2017
219589	2200083452	06/08/2017	USD	385.48	MUNICIPAL WATER DISTRICT FOUNTAIN VALLEY CA	06/13/2017
219590	2200083530	06/08/2017	USD	299.00	NOH, BRIAN CHINO HILLS CA	06/14/2017
219591	2200083457	06/08/2017	USD	519.81	O I ANALYTICAL CORPORATION COLLEGE STATION TX	06/13/2017
219592	2200083414	06/08/2017	USD	160.17	OFFICE DEPOT PHOENIX AZ	06/20/2017
219593	2200083508	06/08/2017	USD	328.40	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	06/13/2017
219594	2200083483	06/08/2017	USD	140,951.79	PAMCO MACHINE WORKS INC RANCHO CUCAMONGA CA	06/13/2017
219595	2200083456	06/08/2017	USD	948.20	PANTHER PROTECTION ORANGE CA	06/19/2017
219596	2200083535	06/08/2017	USD	97.10	PARKER, KATI CHINO HILLS CA	06/14/2017
219597	2200083518	06/08/2017	USD	430.50	PATRICK W HUNTER PHELAN CA	06/13/2017
219598	2200083424	06/08/2017	USD	2,050.10	PETE'S ROAD SERVICE FULLERTON CA	06/19/2017
219599	2200083428	06/08/2017	USD	6,807.65	POLYDYNE INC ATLANTA GA	06/13/2017
219600	2200083419	06/08/2017	USD	3,180.23	RAMONA TIRE & SERVICE CENTERS HEMET CA	06/16/2017

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219603	2200083438	06/08/2017	USD	225.00	RED WING SHOE STORE CORONA CA	06/14/2017
219604	2200083420	06/08/2017	USD	19,337.25	RMA GROUP RANCHO CUCAMONGA CA	06/22/2017
219605	2200083472	06/08/2017	USD	100.00	ROGERS, PETER J CHINO HILLS CA	06/14/2017
219606	2200083421	06/08/2017	USD	652.54	ROYAL WHOLESALE ELECTRIC ORANGE CA	06/15/2017
219607	2200083465	06/08/2017	USD	1,691.28	S&C ELECTRIC COMPANY CHICAGO IL	06/13/2017
219608	2200083443	06/08/2017	USD	675.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	
219609	2200083445	06/08/2017	USD	3,000.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	06/20/2017
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219611	2200083514	06/08/2017	USD	536.16	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	07/14/2017
219612	2200083462	06/08/2017	USD	53,244.06	SHI INTERNATIONAL CORP DALLAS TX	06/16/2017
219613	2200083431	06/08/2017	USD	2,414.13	SIGMA-ALDRICH INC ATLANTA GA	06/14/2017
219614	2200083510	06/08/2017	USD	266,177.92	SO CALIF EDISON ROSEMEAD CA	06/14/2017
219615	2200083511	06/08/2017	USD	1,031.84	SO CALIF GAS MONTEREY PARK CA	06/19/2017
219616	2200083426	06/08/2017	USD	158.24	SOUTH COAST AQMD DIAMOND BAR CA	06/16/2017
219617	2200083486	06/08/2017	USD	1,200.00	STAFFING NETWORK LLC CAROL STREAM IL	06/13/2017
219618	2200083463	06/08/2017	USD	8,892.00	STANTEC CONSULTING INC CHICAGO IL	06/13/2017
219619	2200083433	06/08/2017	USD	340.00	STATE WATER RESOURCES CNTRL ERSACRAMENTO CA	06/14/2017
219620	2200083488	06/08/2017	USD	100.00	STONE, DEBRA KAYE UPLAND CA	06/16/2017
219621	2200083505	06/08/2017	USD	1,096.90	SUNBELT SUPPLY CO DALLAS TX	06/13/2017
219622	2200083494	06/08/2017	USD	2,690.26	SUPERIOR ELECTRIC MOTOR SERVICVERNON CA	06/14/2017
219623	2200083439	06/08/2017	USD	103.78	TELEDYNE INSTRUMENTS INC CHICAGO IL	06/12/2017
219624	2200083440	06/08/2017	USD	810.00	TOM DODSON & ASSOCIATES SAN BERNARDINO CA	06/15/2017
219625	2200083464	06/08/2017	USD	18,362.31	TRAUTWEIN CONSTRUCTION INC RANCHO CUCAMONGA CA	06/27/2017
219626	2200083492	06/08/2017	USD	350.00	TRIBEPI SMITH AND ASSOCIATES, IRVINE CA	06/30/2017
219627	2200083450	06/08/2017	USD	515.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA	06/12/2017
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219629	2200083516	06/08/2017	USD	243.33	US DEPARTMENT OF EDUCATION ATLANTA GA	06/14/2017
219630	2200083491	06/08/2017	USD	2,553.00	V3IT CONSULTING INC NAPERVILLE IL	06/13/2017
219631	2200083527	06/08/2017	USD	12.26	VASQUEZ, RUBEN CHINO HILLS CA	07/07/2017
219632	2200083442	06/08/2017	USD	9,002.33	VERTIZON WIRELESS DALLAS TX	06/14/2017
219633	2200083497	06/08/2017	USD	100.00	VINCENT, TRISHA LYNN MONTCLAIR CA	06/15/2017
219634	2200083458	06/08/2017	USD	18,979.97	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	06/13/2017
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219637	2200083461	06/08/2017	USD	1,132.97	WORLDWIDE EXPRESS ALBANY NY	06/13/2017
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219640	2200083605	06/15/2017	USD	4,190.40	ADVANCED CHEMICAL TECHNOLOGY IRANCHO CUCAMONGA CA	06/21/2017
219641	2200083587	06/15/2017	USD	1,305.00	AEROTEK INC ATLANTA GA	06/20/2017
219642	2200083564	06/15/2017	USD	368.38	AIRGAS WEST INC PASADENA CA	06/19/2017
219643	2200083584	06/15/2017	USD	854.25	AMAZON.COM SEATTLE WA	06/29/2017
219644	2200083568	06/15/2017	USD	2,975.41	APPLEONE EMPLOYMENT SERVICES GLENDALE CA	06/21/2017
219645	2200083611	06/15/2017	USD	290.46	AUTOCZONE INC ATLANTA GA	06/23/2017

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219648	2200083629	06/15/2017	USD	7,672.51	BURRTEC WASTE INDUSTRIES INC FONTANA CA		06/23/2017
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219651	2200083614	06/15/2017	USD	7,065.43	CALIFORNIA WATER TECHNOLOGIES SANTA FE SPRINGS CA		06/30/2017
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219653	2200083623	06/15/2017	USD	3,571.10	CHEMTRADE CHEMICALS US LLC DETROIT MI		06/20/2017
219654	2200083572	06/15/2017	USD	500.00	CHINO BASIN WATER CONSERVATIONMONICLAIR CA		06/26/2017
219655	2200083570	06/15/2017	USD	1,560.54	CHINO BASIN WATERMASTER RANCHO CUCAMONGA CA		06/20/2017
219656	2200083598	06/15/2017	USD	2,951.51	CINTAS CORPORATION LOC#150 PHOENIX AZ		06/27/2017
219657	2200083609	06/15/2017	USD	14,150.00	CIVIC PUBLICATIONS INC LA VERNE CA		06/21/2017
219658	2200083624	06/15/2017	USD	178.02	CORONA HIGH SCHOOL CORONA CA		
219659	2200083592	06/15/2017	USD	12,445.79	CS-AMSCO HUNTINGTON BEACH CA		06/19/2017
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219661	2200083615	06/15/2017	USD	12,413.56	D & H WATER SYSTEMS INC OCEANSIDE CA		06/21/2017
219662	2200083608	06/15/2017	USD	843.50	E R BLOCK PLUMBING INC RIVERSIDE CA		06/23/2017
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219664	2200083553	06/15/2017	USD	1,019.98	FISHER SCIENTIFIC LOS ANGELES CA		06/19/2017
219665	2200083554	06/15/2017	USD	15,919.88	FLO SYSTEMS INC ANAHEIM HILLS CA		06/23/2017
219666	2200083630	06/15/2017	USD	1,070.39	FRONTIER COMMUNICATIONS CORP CINCINNATI OH		06/23/2017
219667	2200083621	06/15/2017	USD	8,900.00	GP STRATEGIES CORPORATION COLUMBIA MD		
219668	2200083566	06/15/2017	USD	3,171.62	GRAINGER PALATINE IL		06/20/2017
219669	2200083599	06/15/2017	USD	6,101.72	GRISWOLD INDUSTRIES COSTA MESA CA		06/20/2017
219670	2200083589	06/15/2017	USD	3,097.46	HACH COMPANY CHICAGO IL		06/20/2017
219671	2200083555	06/15/2017	USD	502.38	HOME DEPOT CREDIT SERVICES DES MOINES IA		06/23/2017
219672	2200083622	06/15/2017	USD	1,695.37	IDEXX DISTRIBUTION INC ATLANTA GA		06/21/2017
219673	2200083577	06/15/2017	USD	228.01	KONICA MINOLTA PASADENA CA		06/20/2017
219674	2200083576	06/15/2017	USD	108.71	KONICA MINOLTA BUSINESS SOLUTIONSPASADENA CA		06/21/2017
219675	2200083620	06/15/2017	USD	1,170.21	MANAGED MOBILE INC PLACENTIA CA		06/21/2017
219676	2200083618	06/15/2017	USD	737.35	MERTEC ENGINEERING UPLAND CA		06/20/2017
219677	2200083634	06/15/2017	USD	461.65	MORGAN-PERALES, LISA CHINO HILLS CA		06/21/2017
219678	2200083602	06/15/2017	USD	14,200.00	NATIONAL CINEMEDIA LLC CENTENNIAL CO		06/21/2017
219679	2200083596	06/15/2017	USD	1,206.35	NATIONAL CONSTRUCTION RENTALS PACOIMA CA		06/20/2017
219680	2200083632	06/15/2017	USD	53.50	NOEL, STEVE CHINO HILLS CA		06/20/2017
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219684	2200083556	06/15/2017	USD	3,101.00	ORANGE COUNTY WATER DISTRICT FOUNTAIN VALLEY CA		06/20/2017
219685	2200083557	06/15/2017	USD	48.02	PATTON SALES CORP ONTARIO CA		06/20/2017
219686	2200083631	06/15/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA		06/22/2017
219687	2200083565	06/15/2017	USD	86.51	PETE'S ROAD SERVICE FULLERTON CA		06/21/2017
219688	2200083635	06/15/2017	USD	42.00	PIVOVAROFF, JASON CHINO HILLS CA		06/22/2017
219689	2200083590	06/15/2017	USD	1,022.48	PLUMBERS DEPOT INC HAWIHORNE CA		06/23/2017

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219695	2200083607	06/15/2017	USD	500.00	RIVERSIDE UNIFIED SCHOOL DISTIRRIVERSIDE CA	06/27/2017	
219696	2200083559	06/15/2017	USD	747.50	RMA GROUP RANCHO CUCAMONGA CA	06/28/2017	
219697	2200083617	06/15/2017	USD	456.59	ROWLAND UNIFIED SCHOOL DISTIRICROWLAND HEIGHTS CA	06/29/2017	
219698	2200083560	06/15/2017	USD	17,812.08	ROYAL WHOLESALE ELECTRIC ORANGE CA	06/20/2017	
219699	2200083597	06/15/2017	USD	518.74	RSD LAKE FOREST CA	06/21/2017	
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219703	2200083561	06/15/2017	USD	199.54	SMART & FINAL LOS ANGELES CA	06/23/2017	
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219707	2200083612	06/15/2017	USD	720.00	STAFFING NETWORK LLC CAROL STREAM IL	06/20/2017	
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219719	2200083606	06/15/2017	USD	3,200.00	WORKFORCE SAFETY MURRIETA CA	06/29/2017	
219720	2200083569	06/15/2017	USD	25,742.07	YALE CHASE EQUIPMENT AND SERVILOS ANGELES CA	06/19/2017	
219721	2200083633	06/15/2017	USD	297.03	ZIEGENBEIN, JEFF CHINO HILLS CA	06/22/2017	
219724	2200083700	06/22/2017	USD	580.00	ABROTEK INC ATLANTA GA	06/26/2017	
219725	2200083679	06/22/2017	USD	138.43	AIRGAS WEST INC PASADENA CA	06/26/2017	
219726	2200083712	06/22/2017	USD	1,093.80	AMERICAN PRINTING & PROMOTIONSEASTVALE CA	07/03/2017	
219727	2200083714	06/22/2017	USD	410.00	AMP MECHANICAL INC COSTA MESA CA	06/28/2017	
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219729	2200083686	06/22/2017	USD	255.00	ARMA INTERNATIONAL OVERLAND PARK KS	06/28/2017	
219730	2200083725	06/22/2017	USD	907.86	ASAP INDUSTRIAL SUPPLY FONTANA CA	06/27/2017	
219731	2200083802	06/22/2017	USD	182.05	ASPRER, KEVIN CHINO HILLS CA	06/27/2017	
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219733	2200083729	06/22/2017	USD	1,147.78	BERLIN PACKAGING LLC CHICAGO IL	06/27/2017	
219734	2200083804	06/22/2017	USD	350.00	BLESJADA, JOSH CHINO HILLS CA	06/29/2017	
219735	2200083803	06/22/2017	USD	149.95	BURKE, JERRY CHINO HILLS CA	06/23/2017	

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219742	2200083774	06/22/2017	USD	1,544.79	CASHION, LAURA CHINO HILLS CA	07/19/2017	
219743	2200083780	06/22/2017	USD	350.00	CHAGOYEN-LAZARO, JAVIER CHINO CA	06/26/2017	
219744	2200083784	06/22/2017	USD	140.00	CHAVEZ, NESTOR C CHINO HILLS CA	06/27/2017	
219745	2200083768	06/22/2017	USD	61.00	CHENG, TINA CHINO HILLS CA	06/23/2017	
219746	2200083691	06/22/2017	USD	153.00	CHINO CREEK TOASTMASTER CLUB CHINO HILLS CA	07/13/2017	
219747	2200083701	06/22/2017	USD	529.76	CHINO VALLEY UNIFIED SCHOOL DICHINO CA	06/27/2017	
219748	2200083710	06/22/2017	USD	5,592.16	CINTAS CORPORATION LOC#150 PHOENIX AZ	07/05/2017	
219749	2200083759	06/22/2017	USD	436.00	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	07/05/2017	
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219753	2200083723	06/22/2017	USD	1,917.64	DAVID WHEELER'S PEST CONTROL, NORCO CA	06/29/2017	
219754	2200083704	06/22/2017	USD	8,562.30	DAVIS ELECTRIC INC YUCAIPA CA	06/28/2017	
219755	2200083792	06/22/2017	USD	344.79	DELGADO, NELSON CHINO HILLS CA	06/28/2017	
219756	2200083806	06/22/2017	USD	29.22	DELGADO, ROBERTO CHINO HILLS CA	07/10/2017	
219757	2200083684	06/22/2017	USD	20,209.20	DELL MARKETING L P PASADENA CA	06/26/2017	
219758	2200083763	06/22/2017			voided by SHEATH - Printed incorrectly	06/22/2017	
219759	2200083703	06/22/2017	USD	1,287.20	DESERT PUMPS AND PARTS INC BELLA VISTA AR	06/29/2017	
219760	2200083692	06/22/2017	USD	175.00	ENVIRONMENTAL CONSULTING & TESSUPERIOR WI	06/29/2017	
219761	2200083728	06/22/2017	USD	4,975.23	ENVIRONMENTAL SCIENCE ASSOCIATION FRANCISCO CA	06/27/2017	
219762	2200083738	06/22/2017	USD	56,482.82	FACILITY SOLUTIONS GROUP INC PLACENTIA CA	07/03/2017	
219763	2200083733	06/22/2017	USD	23,864.00	FERREIRA COASTAL CONSTRUCTION BRANCBURG NJ	06/27/2017	
219764	2200083668	06/22/2017	USD	325.80	FISHER SCIENTIFIC LOS ANGELES CA	06/26/2017	
219765	2200083669	06/22/2017	USD	29,166.38	FLO SYSTEMS INC ANAHEIM HILLS CA	06/28/2017	
219766	2200083778	06/22/2017	USD	150.87	FRESQUEZ, ADRIAN CHINO HILLS CA	06/28/2017	
219767	2200083750	06/22/2017	USD	3,832.82	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	06/29/2017	
219768	2200083718	06/22/2017	USD	541.11	GEARY PACIFIC SUPPLY ANAHEIM CA	06/27/2017	
219769	2200083783	06/22/2017	USD	323.24	GIKERI, JOSEPH CHINO HILLS CA	06/26/2017	
219770	2200083683	06/22/2017	USD	268.82	GRAINGER PALATINE IL	06/27/2017	
219771	2200083727	06/22/2017	USD	1,500.00	HARPER & ASSOCIATES ENGINEER INC CORONA CA	06/30/2017	
219772	2200083788	06/22/2017	USD	130.96	HAWES, STEPHANIE CHINO HILLS CA	06/29/2017	
219773	2200083796	06/22/2017	USD	344.77	HODGES, BRANDEN CHINO HILLS CA	06/26/2017	
219774	2200083807	06/22/2017	USD	300.00	HOLOUS, BRAD CHINO HILLS CA	07/20/2017	
219775	2200083671	06/22/2017	USD	35.30	HOME DEPOT CREDIT SERVICES DES MOINES IA	06/28/2017	
219776	2200083782	06/22/2017	USD	88.00	HUBER, JENNIFER CHINO HILLS CA	07/06/2017	
219777	2200083775	06/22/2017	USD	189.55	HUGHBANKS, ROGER CHINO HILLS CA	06/27/2017	
219778	2200083721	06/22/2017	USD	239.11	INDUSTRY PACKING & SEAL, INC. FOLSOM CA	06/27/2017	
219779	2200083755	06/22/2017	USD	66.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	06/26/2017	

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219782		2200083791	06/22/2017	USD	350.00	JONES, KYLE CHINO HILLS CA	06/27/2017
219783		2200083740	06/22/2017	USD	584,437.78	KEMP BROS CONSTRUCTION INC SANTA FE SPRINGS CA	06/27/2017
219784		2200083689	06/22/2017	USD	2,990.07	KONICA MINOLTA PASADENA CA	06/27/2017
219785		2200083688	06/22/2017	USD	2,516.78	KONICA MINOLTA BUSINESS SOLUTIONS PASADENA CA	06/27/2017
219786		2200083766	06/22/2017	USD	267.22	LACEY, STEVEN CHINO HILLS CA	06/27/2017
219787		2200083717	06/22/2017	USD	838.38	LAMOTIE COMPANY CHESTER TOWN MD	06/27/2017
219788		2200083737	06/22/2017	USD	811.27	MANAGED MOBILE INC FLACENITA CA	06/29/2017
219789		2200083762	06/22/2017	USD	288.00	MARIA FRESQUEZ N LAS VEGAS NV	06/29/2017
219790		2200083719	06/22/2017	USD	2,474.69	MARS ENVIRONMENTAL INC ANAHEIM CA	07/03/2017
219791		2200083798	06/22/2017	USD	350.00	MARTINEZ, MILENA CHINO HILLS CA	06/27/2017
219792		2200083785	06/22/2017	USD	350.00	MCCHRISTY, KAREN CHINO HILLS CA	07/10/2017
219793		2200083799	06/22/2017	USD	350.00	MEDRANO, ABEL CHINO HILLS CA	06/27/2017
219794		2200083769	06/22/2017	USD	350.00	MEDRANO, JAVIER CHINO HILLS CA	06/27/2017
219795		2200083715	06/22/2017	USD	231.00	MEYERS NAVE OAKLAND CA	06/29/2017
219796		2200083724	06/22/2017	USD	732.70	MULTY INDUSTRIES PRECISION MACONTARIO CA	06/27/2017
219797		2200083707	06/22/2017	USD	211.55	NATIONAL CONSTRUCTION RENTALS PACOIMA CA	06/27/2017
219798		2200083713	06/22/2017	USD	877.12	NESTLE WATERS NORTH AMERICA LOUISVILLE KY	07/03/2017
219799		2200083742	06/22/2017	USD	3,232.13	NEW MILLENNIUM CONSTRUCTION CHINO HILLS CA	06/28/2017
219800		2200083794	06/22/2017	USD	170.06	NGUYEN, ROSE CHINO HILLS CA	06/26/2017
219801		2200083771	06/22/2017	USD	350.00	NOEL, STEVE CHINO HILLS CA	07/18/2017
219802		2200083793	06/22/2017	USD	75.05	NCH, BRIAN CHINO HILLS CA	06/28/2017
219803		2200083687	06/22/2017	USD	37.18	O RINGS & THINGS FONTANA CA	07/03/2017
219804		2200083746	06/22/2017	USD	315.06	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	06/26/2017
219805		2200083745	06/22/2017	USD	500.00	OXFORD PREPARATORY ACADEMY CHINO CA	06/30/2017
219806		2200083770	06/22/2017	USD	350.00	PADDA, KAWAL CHINO HILLS CA	06/27/2017
219807		2200083760	06/22/2017	USD	430.50	PATRICK W HUNTER PHELAN CA	06/26/2017
219808		2200083772	06/22/2017	USD	86.19	PELLY, GARY J CHINO HILLS CA	06/27/2017
219809		2200083797	06/22/2017	USD	92.77	PIVVAROFF, JASON CHINO HILLS CA	06/30/2017
219810		2200083808	06/22/2017	USD	300.00	PORTUGAL JR., JOE CHINO CA	07/03/2017
219811		2200083732	06/22/2017	USD	1,076.15	PREMIUM PROMOTIONALS UPLAND CA	06/28/2017
219812		2200083736	06/22/2017	USD	687.10	PSA PRINT GROUP RANCHO CUCAMONGA CA	06/28/2017
219813		2200083673	06/22/2017	USD	802.23	RAMONA TIRE & SERVICE CENTERS HEMET CA	07/03/2017
219814		2200083695	06/22/2017	USD	219.25	RED WING SHOE STORE UPLAND CA	06/30/2017
219815		2200083786	06/22/2017	USD	33.12	RILEY, STEPHANIE CHINO CA	06/27/2017
219816		2200083795	06/22/2017	USD	301.68	ROBSON, PAT CHINO HILLS CA	06/30/2017
219817		2200083674	06/22/2017	USD	4,456.68	ROYAL WHOLESALE ELECTRIC ORANGE CA	06/27/2017
219818		2200083708	06/22/2017	USD	12.20	RSD LAKE FOREST CA	06/28/2017
219819		2200083720	06/22/2017	USD	1,485.40	RUSSELL SIGLER INC LOS ANGELES CA	06/26/2017
219820		2200083716	06/22/2017	USD	327.79	SAFE-ENTRY TECHNICAL INC RANCHO CUCAMONGA CA	06/29/2017
219821		2200083767	06/22/2017	USD	350.00	SAHAGUN, ALEX CHINO HILLS CA	07/05/2017
219822		2200083765	06/22/2017	USD	350.00	SANTA CRUZ, VICTOR CHINO HILLS CA	06/28/2017
219823		2200083789	06/22/2017	USD	100.10	SCHERCK, JOHN CHINO HILLS CA	06/29/2017

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219825	2200083805	06/22/2017	USD	175.00	SELIO, RICHARD CHINO HILLS CA	07/03/2017
219826	2200083800	06/22/2017	USD	350.00	SEYADI, NAGORO CHINO HILLS CA	06/28/2017
219827	2200083751	06/22/2017	USD	256.60	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	07/21/2017
219828	2200083764	06/22/2017	USD	299.00	SKINNER, JOHN CHINO HILLS CA	07/11/2017
219829	2200083676	06/22/2017	USD	214.56	SMART & FINAL LOS ANGELES CA	06/30/2017
219830	2200083779	06/22/2017	USD	293.00	SMITH, STEVEN CHINO HILLS CA	07/03/2017
219831	2200083726	06/22/2017	USD	3,771.25	SNAP GRAPHICS & DESIGN RANCHO CUCAMONGA CA	06/27/2017
219832	2200083747	06/22/2017	USD	117,734.21	SO CALIF EDISON ROSEMEAD CA	06/26/2017
219833	2200083801	06/22/2017	USD	350.00	SPEARS, JIM CHINO HILLS CA	07/05/2017
219834	2200083777	06/22/2017	USD	350.00	SPRINGER, DONNA CHINO CA	
219835	2200083682	06/22/2017	USD	240.12	SUNSHINE FILTERS OF PINELLAS ILARGO FL	06/28/2017
219836	2200083735	06/22/2017	USD	21,304.92	SUPERIOR ELECTRIC MOTOR SERVICVERNON CA	06/30/2017
219837	2200083773	06/22/2017	USD	350.00	TAYLOR, YVONNE CHINO HILLS CA	07/05/2017
219838	2200083697	06/22/2017	USD	1,520.35	TELEDYNE INSTRUMENTS INC CHICAGO IL	06/27/2017
219839	2200083699	06/22/2017	USD	5,116.81	TOM DODSON & ASSOCIATES SAN BERNARDINO CA	06/29/2017
219840	2200083781	06/22/2017	USD	350.00	TOMLINSON, BILL CHINO HILLS CA	07/05/2017
219841	2200083693	06/22/2017	USD	368.55	ULTRA SCIENTIFIC NORTH KINGSTOWN RI	06/28/2017
219842	2200083757	06/22/2017	USD	243.33	US DEPARIMENT OF EDUCATION ATLANTA GA	06/27/2017
219843	2200083787	06/22/2017	USD	350.00	VELARDE, MARIO CHINO HILLS CA	06/26/2017
219844	2200083749	06/22/2017	USD	454.01	VERIZON BUSINESS ALBANY NY	06/27/2017
219845	2200083702	06/22/2017	USD	190,334.87	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	06/29/2017
219846	2200083739	06/22/2017	USD	19,217.00	WALLACE & ASSOCIATES CONSULTINPARK CITY UT	06/28/2017
219847	2200083809	06/22/2017	USD	1,014.59	WARD, CHERYL RANCHO CUCAMONGA CA	06/30/2017
219848	2200083696	06/22/2017	USD	7,105.50	WATERMAN INDUSTRIES PASADENA CA	06/27/2017
219849	2200083678	06/22/2017	USD	238.04	WAXIE SANITARY SUPPLY LOS ANGELES CA	06/28/2017
219850	2200083776	06/22/2017	USD	170.06	WITTE, ANGELA CHINO HILLS CA	07/07/2017
219851	2200083706	06/22/2017	USD	4,746.25	ZONES CORPORATE SOLUTIONS SEATTLE WA	06/27/2017
219852	2200083825	06/22/2017	USD	179.00	DELZER, HARLAN CHINO HILLS CA	
219853	2200083994	06/28/2017	USD	445.00	ADVANCED CHEMICAL TECHNOLOGY IRANCHO CUCAMONGA CA	07/12/2017
219854	2200083949	06/28/2017	USD	1,396.25	AIRGAS WEST INC PASADENA CA	07/03/2017
219855	2200083996	06/28/2017	USD	12,675.88	ALLIED UNIVERSAL SECURITY SERV PASADENA CA	07/03/2017
219856	2200083964	06/28/2017	USD	168.63	AMERICAN COMPRESSOR CO SANTA FE SPRINGS CA	07/07/2017
219857	2200083997	06/28/2017	USD	13,320.00	ANCON MARINE LOS ANGELES CA	07/05/2017
219858	2200083956	06/28/2017	USD	1,511.75	ARIZONA INSTRUMENT LLC CHANDLER AZ	07/05/2017
219859	2200083998	06/28/2017	USD	194.67	ASAP INDUSTRIAL SUPPLY FONTANA CA	07/06/2017
219860	2200084003	06/28/2017	USD	915.82	AUTOZONE INC ATLANTA GA	07/05/2017
219861	2200084030	06/28/2017	USD	272.46	BECKER, NIKI CHINO HILLS CA	06/30/2017
219862	2200084024	06/28/2017	USD	172.48	EREIG, ANNA VICTORVILLE CA	07/07/2017
219863	2200084007	06/28/2017	USD	6,880.00	BRIGHTVIEW LANDSCAPE SERVICES LOS ANGELES CA	07/03/2017
219864	2200084000	06/28/2017	USD	17,145.00	C BELOW INC CHINO CA	07/05/2017
219865	2200083962	06/28/2017	USD	88.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	07/14/2017
219866	2200084008	06/28/2017	USD	7,106.63	CALIFORNIA WATER TECHNOLOGIES, PASADENA CA	07/05/2017
219867	2200083995	06/28/2017	USD	650.00	CALVADA SURVEYING INC CORONA CA	07/06/2017

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219869	2200083977	06/28/2017	USD	11,328.00	CASC ENGINEERING AND CONSULTING COLTON CA	07/05/2017
219870	2200084019	06/28/2017	USD	3,320.20	CHEMIRADE CHEMICALS US LLC DETROIT MI	07/05/2017
219871	2200083963	06/28/2017	USD	250.00	CHINO BASIN WATER CONSERVATION MONTCLAIR CA	07/05/2017
219872	2200083966	06/28/2017	USD	78.55	CHINO CREEK TOASTMASTER CLUB CHINO HILLS CA	07/13/2017
219873	2200083989	06/28/2017	USD	2,820.43	CINTAS CORPORATION LOCK#150 PHOENIX AZ	07/06/2017
219874	2200083955	06/28/2017	USD	5,588.89	CITY OF CHINO HILLS CHINO HILLS CA	07/07/2017
219875	2200083961	06/28/2017	USD	542.15	CITY OF RANCHO CUCAMONGA RANCHO CUCAMONGA CA	
219876	2200084001	06/28/2017	USD	11,139.96	CONSERV CONSTRUCTION INC MENIFEE CA	07/06/2017
219877	2200083984	06/28/2017	USD	12,105.06	CS-AMSCO HUNTINGTON BEACH CA	07/03/2017
219878	2200083999	06/28/2017	USD	64,585.95	DAVID T WARDEN INC RIVERSIDE CA	07/03/2017
219879	2200083960	06/28/2017	USD	1,479.92	DELL MARKETING L P PASADENA CA	07/03/2017
219880	2200083971	06/28/2017	USD	5,602.70	E Z PARTY RENTALS POMONA CA	07/06/2017
219881	2200084002	06/28/2017	USD	11,142.60	ELECTRO-CHEMICAL DEVICES, INC ANAHEIM CA	07/05/2017
219882	2200083941	06/28/2017	USD	326.49	FISHER SCIENTIFIC LOS ANGELES CA	07/03/2017
219883	2200083942	06/28/2017	USD	1,333.51	FLO SYSTEMS INC ANAHEIM HILLS CA	07/06/2017
219884	2200083959	06/28/2017	USD	17,794.07	FLUID COMPONENTS INTERNATIONAL SAN MARCOS CA	07/06/2017
219885	2200083957	06/28/2017	USD	232.37	FLW INC HUNTINGTON BEACH CA	07/06/2017
219886	2200083958	06/28/2017	USD	356.32	FONTANA HERALD NEWS FONTANA CA	07/06/2017
219887	2200084022	06/28/2017	USD	4,307.60	FOUNDATION HA ENERGY GENERATION SAN FRANCISCO CA	07/12/2017
219888	2200084018	06/28/2017	USD	10,695.00	GILLIS + PANICHAPAN ARCHITECTS COSTA MESA CA	07/05/2017
219889	2200083953	06/28/2017	USD	2,788.44	GRAINGER PALATINE IL	07/03/2017
219890	2200083990	06/28/2017	USD	3,275.99	GRISWOLD INDUSTRIES COSTA MESA CA	07/03/2017
219891	2200083979	06/28/2017	USD	449.26	HACH COMPANY CHICAGO IL	07/03/2017
219892	2200084027	06/28/2017	USD	472.96	HOBBS, DIANA APPLE VALLEY CA	07/06/2017
219893	2200083943	06/28/2017	USD	2,129.57	HOME DEPOT CREDIT SERVICES DES MOINES IA	07/10/2017
219894	2200084025	06/28/2017	USD	472.96	HORNE, WILLIAM YUCCA VALLEY CA	07/05/2017
219895	2200084023	06/28/2017	USD	78,109.43	INLAND BIOENERGY LLC FONTANA CA	07/21/2017
219896	2200083982	06/28/2017	USD	8,000.00	INNOVATIVE FEDERAL STRATEGIES WASHINGTON DC	07/10/2017
219897	2200083985	06/28/2017	USD	500.00	INSIDE PLANTS INC CORONA CA	07/06/2017
219898	2200083988	06/28/2017	USD	958.16	INTEGRATED DESIGN SERVICES INC IRVINE CA	07/05/2017
219899	2200084013	06/28/2017			voided by KMCHRIS - Printed incorrectly	07/12/2017
219900	2200083951	06/28/2017	USD	172.03	INTERSTATE BATTERY SYSTEM ALTA LOMA CA	07/10/2017
219901	2200083965	06/28/2017	USD	499,631.76	J F SHEA CONSTRUCTION INC WALNUT CA	07/05/2017
219902	2200083993	06/28/2017	USD	1,150.00	JB'S POOLS & PONDS INC UPLAND CA	07/05/2017
219903	2200084028	06/28/2017	USD	14,549.75	LIFE INSURANCE COMPANY OF PHILADELPHIA PA	07/06/2017
219904	2200084029	06/28/2017	USD	50.29	MEDEIROS, SHAWN CHINO HILLS CA	07/07/2017
219905	2200084026	06/28/2017	USD	746.37	MILLER, ELMER L BLUE JAY CA	07/17/2017
219906	2200084031	06/28/2017	USD	264.47	NANGIA, SAPNA CHINO HILLS CA	07/14/2017
219907	2200083976	06/28/2017	USD	992.87	NATIONAL BUSINESS INVESTIGATION MURRIETA CA	07/05/2017
219908	2200083974	06/28/2017	USD	376.50	OLSON HAGEL & FISHBURN LLP SACRAMENTO CA	07/06/2017
219909	2200084012	06/28/2017	USD	4,389.06	PACIFIC COURIERS INC FULLERTON CA	07/06/2017
219910	2200083972	06/28/2017	USD	1,987.20	PALM AUTO DETAIL INC COLTON CA	07/06/2017
219911	2200083950	06/28/2017	USD	775.05	PETE'S ROAD SERVICE FULLERTON CA	07/06/2017

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219914	2200084011	06/28/2017	USD	448.11	POMONA UNIFIED SCHOOL DISTRICTPOMONA CA		
219915	2200083978	06/28/2017	USD	2,638.92	PONTON INDUSTRIES INC YORBA LINDA CA		07/10/2017
219916	2200084009	06/28/2017	USD	484.53	PREMIUM PROMOTIONALS UPLAND CA		07/14/2017
219917	2200084015	06/28/2017	USD	15,251.05	PRIORITY BUILDING SERVICES LLCBREA CA		07/05/2017
219918	2200083944	06/28/2017	USD	290.50	RAYNE WATER CONDITIONING COVINA CA		07/03/2017
219919	2200083940	06/28/2017	USD	309.78	REM LOCK & KEY ONTARIO CA		07/07/2017
219920	2200083983	06/28/2017	USD	11,223.00	RMC WATER AND ENVIRONMENT WALNUT CREEK CA		07/06/2017
219921	2200083945	06/28/2017	USD	14,093.62	ROYAL WHOLESALE ELECTRIC ORANGE CA		07/06/2017
219922	2200083970	06/28/2017	USD	445.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA		07/11/2017
219923	2200084020	06/28/2017	USD	629.70	SO CALIF EDISON ROSEMEAD CA		07/05/2017
219924	2200084021	06/28/2017	USD	176.00	SO CALIF GAS MONTEREY PARK CA		07/11/2017
219925	2200084004	06/28/2017	USD	1,260.00	STAFFING NETWORK LLC CAROL STREAM IL		07/05/2017
219926	2200083986	06/28/2017	USD	920.00	STANTEC CONSULTING INC CHICAGO IL		07/03/2017
219927	2200083946	06/28/2017	USD	38.29	STATE BOARD OF EQUALIZATION SACRAMENTO CA		07/10/2017
219928	2200084017	06/28/2017	USD	385.41	STORETRIEVE LLC MONTEBELLO CA		07/05/2017
219929	2200084010	06/28/2017	USD	464.04	SUPERIOR ELECTRIC MOTOR SERVICVERNON CA		07/11/2017
219930	2200083975	06/28/2017	USD	3,890.17	SYSTEMS SOURCE INC IRVINE CA		07/03/2017
219931	2200083968	06/28/2017	USD	6,391.79	TELEDYNE INSTRUMENTS INC CHICAGO IL		07/03/2017
219932	2200083954	06/28/2017	USD	9,064.37	TETRA TECH INC DENVER CO		07/03/2017
219933	2200083992	06/28/2017	USD	1,012.50	THOMAS HARDER & CO INC ANAHEIM CA		07/06/2017
219934	2200084014	06/28/2017	USD	8,827.50	TKE ENGINEERING INC RIVERSIDE CA		07/17/2017
219935	2200083969	06/28/2017	USD	200.00	TOM DODSON & ASSOCIATES SAN BERNARDINO CA		07/05/2017
219936	2200083987	06/28/2017	USD	14,062.68	TRAUTWEIN CONSTRUCTION INC RANCHO CUCAMONGA CA		07/07/2017
219937	2200083973	06/28/2017	USD	252.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA		07/03/2017
219938	2200083947	06/28/2017	USD	348.00	UNDERGROUND SERVICE ALERT/SC CORONA CA		07/11/2017
219939	2200083981	06/28/2017	USD	26.94	URIMAGE BLOOMINGTON CA		07/06/2017
219940	2200084005	06/28/2017	USD	11,154.75	UTILIQUEST LLC ATLANTA GA		07/03/2017
219941	2200084016	06/28/2017	USD	24,955.74	VIRAMONITES EXPRESS INC CORONA CA		07/14/2017
219942	2200083948	06/28/2017	USD	1,517.12	WAXIE SANITARY SUPPLY LOS ANGELES CA		07/03/2017
219943	2200083991	06/28/2017	USD	5,476.50	WESTIN ENGINEERING INC RANCHO CORDOVA CA		07/06/2017
219944	2200083980	06/28/2017	USD	206.16	WORLDWIDE EXPRESS ALBANY NY		07/05/2017
219945	2200084059	06/29/2017	USD	239.14	AMERICAN HERITAGE LIFE INSURANDALLAS TX		07/10/2017
219946	2200084066	06/29/2017	USD	9.89	BARBER, MICHAEL CHINO HILLS CA		06/30/2017
219947	2200084070	06/29/2017	USD	448.22	CAMACHO, MICHAEL CHINO HILLS CA		07/03/2017
219948	2200084061	06/29/2017	USD	347.26	COLONIAL LIFE & ACCIDENT INSURCOLUMBIA SC		07/05/2017
219949	2200084063	06/29/2017	USD	25.00	CONSICO LIFE INSURANCE COMPANYATLANTA GA		07/10/2017
219950	2200084071	06/29/2017	USD	26.64	ELIE, STEVE CHINO HILLS CA		07/21/2017
219951	2200084056	06/29/2017	USD	250.00	EUROFINS EATON ANALYTICAL, INOGRAPEVINE TX		07/05/2017
219952	2200084065	06/29/2017	USD	2,234.04	FIDELITY SECURITY LIFE INSURANCINCINNATI OH		07/06/2017
219953	2200084053	06/29/2017	USD	3,704.84	HACH COMPANY CHICAGO IL		07/03/2017
219954	2200084067	06/29/2017	USD	2,702.87	HEATH, SHARYL CHINO HILLS CA		06/30/2017
219955	2200084073	06/29/2017	USD	13.59	HODGES, BRANDEN CHINO HILLS CA		07/07/2017

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Check Register

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Bank		CITIZENS BUSINESS BANK		ONTARIO CA 917610000		
Bank Key		122234149				
Acct number		CHECK 231167641				
Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
219956	2200084051	06/29/2017	USD	731.02	HOME DEPOT CREDIT SERVICES DES MOINES IA	07/10/2017
219957	2200084064	06/29/2017	USD	281.00	LEGALSHIELD ADA OK	07/11/2017
219958	2200084072	06/29/2017	USD	7.50	MCCORKELL, GREGORY CHINO HILLS CA	
219959	2200084074	06/29/2017	USD	68.21	PARKER, KATI CHINO HILLS CA	07/05/2017
219960	2200084062	06/29/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA	07/05/2017
219961	2200084052	06/29/2017	USD	404.64	PETTY CASH EXPENDITURES CHINO CA	07/05/2017
219962	2200084058	06/29/2017	USD	8,022.58	SO CALIF EDISON ROSEMEAD CA	07/05/2017
219963	2200084068	06/29/2017	USD	275.00	TANG, KEVIN CHINO CA	07/03/2017
219964	2200084057	06/29/2017	USD	213.41	TRANSENE COMPANY INC DANVERS MA	07/11/2017
219965	2200084054	06/29/2017	USD	21,758.63	U S BANK ST LOUIS MO	07/14/2017
219966	2200084069	06/29/2017	USD	8.07	VASQUEZ, RUBEN CHINO HILLS CA	07/07/2017
219967	2200084055	06/29/2017	USD	916.99	WEATHERITE CORPORATION WALNUT CA	07/05/2017
219968	2200084060	06/29/2017	USD	2,618.70	WESTERN DENTAL PLAN ORANGE CA	07/06/2017
* Payment method Check			USD	5,932,974.16		

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Bank	CBB	CITIZENS BUSINESS BANK				ONTARIO CA 917610000
Bank Key	122234149					
Acct number	CHECK	231167641				
Separate Check						
Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
219638	2200083444	06/08/2017	USD	371.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	06/27/2017
219722	2200083585	06/15/2017	USD	371.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	06/27/2017
219723	2200083586	06/15/2017	USD	371.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	06/27/2017
* Payment method Separate Check			USD	1,113.00		

Total of all entries

Check Register

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Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	5,934,087.16		

Attachment 2

Workers' Comp Checks

Inland Empire Util. Agency
 Chino, CA
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Check Register

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Bank		CBB		CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149					
Acct number		WCOMP		231159290			
Checks created manually							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
04792	2200083812	06/07/2017	USD	451.47	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/13/2017	
04793	2200083813	06/15/2017	USD	967.50	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/20/2017	
04794	2200083814	06/15/2017	USD	94.95	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/26/2017	
04795	2200083815	06/15/2017	USD	306.70	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/20/2017	
04796	2200083816	06/15/2017	USD	32.50	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/22/2017	
04797	2200083817	06/15/2017	USD	5.20	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/22/2017	
04798	2200083818	06/15/2017	USD	32.69	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/22/2017	
04799	2200083819	06/15/2017	USD	18.82	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/19/2017	
04800	2200083820	06/22/2017	USD	2,975.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/26/2017	
04801	2200083821	06/22/2017	USD	6,090.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/27/2017	
04802	2200083822	06/22/2017	USD	247.90	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/27/2017	
04803	2200084075	06/28/2017	USD	12.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	07/03/2017	
* Payment method Checks created manually			USD	11,234.73			

Total of all entries

Check Register

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Check number from to	Payment	Pmt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	11,234.73		

Attachment 3

Vendor ACHs

Check	Payee / Description		Amount
ACH	AQUA BEN CORPORATION		
	RP1-18,400 Lbs Polymer 750A	35786	24,695.27
	DAFT-4,600 Lbs Polymer 748E	35785	4,064.33

	AQUA BEN CORPORATION	\$	28,759.60
ACH	NAPA GENUINE PARTS COMPANY		
	Air Filters, Oil Filters, Fuel Filters	223215	1,346.14
	LED Trailer Lamp	220346	90.42
	Antifreeze Tester	220527	10.69
	2 Core Deposits Refunded	214766	38.79-
	4 Core Deposits Refunded	212288	311.04-
	Refund Core Deposit—See Invoice 815704	816223	66.51-

	NAPA GENUINE PARTS COMPANY	\$	1,030.91
ACH	UNIVAR USA INC		
	CCWRP-12,856 Lbs Sodium Bisulfite	LA540362	2,776.05

	UNIVAR USA INC	\$	2,776.05
ACH	ENVIRONMENTAL RESOURCES ASSOC		
	Pesticides, Semivolatiles	828392	602.08

	ENVIRONMENTAL RESOURCES ASSOC	\$	602.08
ACH	MCMASTER-CARR SUPPLY CO		
	Thread Repairing Tap & Die	31362983	404.20

	MCMASTER-CARR SUPPLY CO	\$	404.20
ACH	LA OPINION		
	PI-Water Conservation Ads-4/7-4/19	107290417	6,250.00

	LA OPINION	\$	6,250.00
ACH	OLIN CORP		
	CCWRP-3,028 Gals Sodium Hypochlorite	2329566	1,725.96
	TP1-4,914 Gals Sodium Hypochlorite	2331686	2,800.98
	CCWRP-3,008 Gals Sodium Hypochlorite	2331385	1,714.56
	TP1-4,972 Gals Sodium Hypochlorite	2331384	2,834.04
	TP1-4,956 Gals Sodium Hypochlorite	2330702	2,824.92
	RP5-4,934 Gals Sodium Hypochlorite	2330127	2,812.38
	TP1-4,952 Gals Sodium Hypochlorite	2329567	2,822.64

	OLIN CORP	\$	17,535.48
ACH	OVIVO USA LLC		
	Skimming Device Assys	8471171	3,410.31

	OVIVO USA LLC	\$	3,410.31
ACH	TRIBOLOGIK CORPORATION		
	Oil Analysis	32793	120.00
	Oil Analysis	32792	150.00

	TRIBOLOGIK CORPORATION	\$	270.00

Check	Payee / Description	Amount
ACH	SHELL ENERGY NORTH AMERICA LP CCWRP/TP/RWPS-4/1-4/30 14950 Tlphn 2046 4/17 37,921.87 RP2/RP5-4/1-4/30 16400 El Prado Rd 2044 4/17 6,445.42 RP1-4/1-4/30 2450 Phila St 2042 4/17 108,014.34 ----- SHELL ENERGY NORTH AMERICA LP \$ 152,381.63	
ACH	SHELL ENERGY NORTH AMERICA LP 4/17 Gas Commodity-Non Core 2930767 1,782.00 4/17 Gas Cmmnty-Core,2/17 Adj 1100002880304 1,194.81 ----- SHELL ENERGY NORTH AMERICA LP \$ 2,976.81	
ACH	ICMA RETIREMENT TRUST 457 P/R 12 6/9/17 Deferred Comp Ded HR 0056200 15,673.34 ----- ICMA RETIREMENT TRUST 457 \$ 15,673.34	
ACH	LINCOLN NATIONAL LIFE INS CO P/R 12 6/9/17 Deferred Comp Ded HR 0056200 25,077.53 ----- LINCOLN NATIONAL LIFE INS CO \$ 25,077.53	
ACH	ICMA RETIREMENT TRUST 401 P/R 12 6/9/17 Exec Deferred Comp HR 0056200 8,556.47 ----- ICMA RETIREMENT TRUST 401 \$ 8,556.47	
ACH	AQUA BEN CORPORATION RP2-13,800 Lbs Polymer 748E 35824 12,192.99 DAFT-4,600 Lbs Polymer 748E 35816 4,064.33 RP1-16,100 Lbs Polymer 750A 35817 21,608.36 ----- AQUA BEN CORPORATION \$ 37,865.68	
ACH	HASCO OIL COMPANY, INC. RP5-Mobil Delvac 1300 Super 15W40-5 Drum 0210555-IN 7,151.06 ----- HASCO OIL COMPANY, INC. \$ 7,151.06	
ACH	NAPA GENUINE PARTS COMPANY NAPA Battery, Core Deposit 224214 587.40 Air Filters,Oil Filters,Fuel Filters 223698 1,335.11 ----- NAPA GENUINE PARTS COMPANY \$ 1,922.51	
ACH	SANTA ANA WATERSHED April 2017 Truck Discharge 9043 2,416.75 ----- SANTA ANA WATERSHED \$ 2,416.75	
ACH	MCMASTER-CARR SUPPLY CO Solar Panel Charger for Larg Cell Batter 32672417 325.88 Batteries,Wire,Blades,Enclosure,Screws 32521293 561.58 Lockout Padlocks 32682047 168.40 ----- MCMASTER-CARR SUPPLY CO \$ 1,055.86	
ACH	PARSONS WATER & INFRASTRUCTURE	

Check	Payee / Description	Amount
	EN13016-1/28-4/28 Prof Svcs 1705A320	3,708.50
	PARSONS WATER & INFRASTRUCTURE\$	3,708.50
ACH	PEST OPTIONS INC March 2017 GWR Weed Abatement Services 274108	6,034.32
	PEST OPTIONS INC \$	6,034.32
ACH	OLIN CORP CCWRP-3,004 Gals Sodium Hypochlorite 2332880	1,712.28
	TP1-4,880 Gals Sodium Hypochlorite 2332881	2,781.60
	RP5-4,904 Gals Sodium Hypochlorite 2333527	2,795.28
	TP1-4,964 Gals Sodium Hypochlorite 2334187	2,829.48
	TP1-4,972 Gals Sodium Hypochlorite 2334809	2,834.04
	CCWRP-4,898 Gals Sodium Hypochlorite 2334811	2,791.86
	TP1-4,970 Gals Sodium Hypochlorite 2335078	2,832.90
	TP1-4,908 Gals Sodium Hypochlorite 2335691	2,797.56
	OLIN CORP \$	21,375.00
ACH	GK & ASSOCIATES INC 46-2054-4/17 Prof Svcs 17-027	14,560.00
	GK & ASSOCIATES INC \$	14,560.00
ACH	DAVE'S PLUMBING 5 Water Softener Removal 5/2017 5144	1,225.00
	WR16017-5/2017 Replace PRV, Adjustment P 5141	5,728.10
	DAVE'S PLUMBING \$	6,953.10
ACH	SEAL ANALYTICAL INC BlockDigestionSys,Stoppers,Cooling Stand 33679	8,281.67
	SEAL ANALYTICAL INC \$	8,281.67
ACH	AMAZON BUSINESS Label Tape, Clorox Wipes 0773-W6XY-5B7	18.53
	Avery Labels ONK6-BTW3-420	4.81
	Headset,Pens,Labels 0773-W6XY-24Y	85.14
	Aerobic Stepper,Braided Cable Sleeve ONQ9-GSQ-5BJ	48.79
	Label Tape OHOX-NS32-366	12.98
	Disposable Cleaning Duster ONQ9-GSQ-OPG	13.12
	12 Banker Boxes 0773-W6XY-2FY	56.62
	AMAZON BUSINESS \$	239.99
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 12 6/9/17 Employee Ded HR 0056200	183.00
	HR 0056100	12.00
	IEUA EMPLOYEES' ASSOCIATION \$	195.00
ACH	IEUA SUPERVISORS UNION ASSOCIA P/R 12 6/9/17 Employee Ded HR 0056200	345.00
	IEUA SUPERVISORS UNION ASSOCIA\$	345.00

Check	Payee / Description	Amount
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 12 6/9/17 Employee Ded	HR 0056200 1,156.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,156.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 12 6/9/17 Employee Ded	HR 0056200 490.00
	IEUA PROFESSIONAL EMPLOYEES AS\$	490.00
ACH	DISCOVERY BENEFITS INC P/R 12 6/9/17 Cafeteria Plan	HR 0056200 3,178.93
	DISCOVERY BENEFITS INC \$	3,178.93
ACH	UNIVAR USA INC RP5-12,897.20 Lbs Sodium Bisulfite TP1-12,917.68 Lbs Sodium Bisulfite	LA540730 2,784.91 LA540398 2,789.32
	UNIVAR USA INC \$	5,574.23
ACH	AQUA BEN CORPORATION RP2-9,200 Lbs Polymer 748E	35862 8,128.66
	AQUA BEN CORPORATION \$	8,128.66
ACH	HASCO OIL COMPANY, INC. RP5-Mobil Grease XHP 222-10 Pks	0210723-IN 546.44
	HASCO OIL COMPANY, INC. \$	546.44
ACH	NAPA GENUINE PARTS COMPANY Oil Filters,Air Filters,Fuel Filters,Del 224479	779.64
	NAPA GENUINE PARTS COMPANY \$	779.64
ACH	SANTA ANA WATERSHED April 2017 Service	9049 148,419.42
	SANTA ANA WATERSHED \$	148,419.42
ACH	UNIVAR USA INC RP5-13,064 Lbs Sodium Bisulfite	LA543340 2,820.85
	UNIVAR USA INC \$	2,820.85
ACH	PACIFIC PARTS & CONTROLS Cooling Fan	I413297 119.77
	PACIFIC PARTS & CONTROLS \$	119.77
ACH	EMEDCO INC 54 Fire Extinguishers	9334137165 1,154.53
	EMEDCO INC \$	1,154.53
ACH	WESTERN MUNICIPAL WATER DISTRI WR16011-4/1/17-4/30/17 249 Sprinkler Noz IEUA-1366	896.40

Check	Payee / Description	Amount
	WESTERN MUNICIPAL WATER DISTRI\$	896.40
ACH	MCMASTER-CARR SUPPLY CO	
	Steel Countersink for Lathe 33912180	76.65
	Steel Countersink Three Flute 33795885	172.55
	SS Routing Clamp 34012445	50.50
	MCMASTER-CARR SUPPLY CO \$	299.70
ACH	OLIN CORP	
	TP1-4,904 Gals Sodium Hypochlorite 2339160	2,795.28
	TP1-4,970 Gals Sodium Hypochlorite 2338496	2,832.90
	TP1-4,934 Gals Sodium Hypochlorite 2338194	2,812.38
	TP1-4,926 Gals Sodium Hypochlorite 2337635	2,807.82
	TP1-4,974 Gals Sodium Hypochlorite 2336391	2,835.18
	CCWRP-4,858 Gals Sodium Hypochlorite 2336393	2,769.06
	RP5-4,922 Gals Sodium Hypochlorite 2337043	2,805.54
	OLIN CORP \$	19,658.16
ACH	TRIBOLOGIK CORPORATION	
	RP1Mnt-Oil Analysis 33217	240.00
	RP1Mnt-Oil Analysis 33218	60.00
	TRIBOLOGIK CORPORATION \$	300.00
ACH	JC LAW FIRM	
	4/17 Watermaster 00247	25,770.00
	4/17 General Legal 00241	27,735.00
	4/17 Regional Contract 00244	17,280.00
	4/17 RCA Legal 00242	950.00
	4/17 IEUA vs RP1 Ontario Airport PlumE 00243	150.00
	4/17 IEUA vs SAWPA SARCCUP 00245	4,875.00
	4/17 Santa Ana River 00246	120.00
	JC LAW FIRM \$	76,880.00
ACH	US BANK - PAYMENT PLUS	
	100319 MISSION REPROGRAPHICS 2200082990	407.36
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200082989	22,141.30
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200082890	1,183.62
	100319 MISSION REPROGRAPHICS 2200082891	457.40
	US BANK - PAYMENT PLUS \$	24,189.68
ACH	AMAZON BUSINESS	
	Standing Desk,Monitor Arm,Floor Mat 0V5X-05LQ-98S	808.12
	AMAZON BUSINESS \$	808.12
ACH	SHELL ENERGY NORTH AMERICA LP	
	5/17 Gas Cmndty-Core,3/17 Adj 1100002880305	1,222.79
	SHELL ENERGY NORTH AMERICA LP \$	1,222.79
ACH	SOLAR STAR CALIFORNIA V LLC	
	CCWRP/TP/RWPS-4/1-4/30 14950 Telephone A M0613-1217576	13,327.62
	RP1-4/1-4/30 2450 Phila St M0615-1217578	20,687.54
	RP1-4/1-4/30 2450 Phila St M0616-1217579	4,347.96

Check	Payee / Description	Amount
	SOLAR STAR CALIFORNIA V LLC \$	38,363.12
ACH	ICMA RETIREMENT TRUST 457 P/R 13 6/23 Deferred Comp Ded HR 0056400	15,631.93
	ICMA RETIREMENT TRUST 457 \$	15,631.93
ACH	LINCOLN NATIONAL LIFE INS CO P/R 13 6/23 Deferred Comp Ded HR 0056400	23,568.04
	LINCOLN NATIONAL LIFE INS CO \$	23,568.04
ACH	ICMA RETIREMENT TRUST 401 P/R 13 6/23 Exec Deferred Comp HR 0056400	8,397.18
	ICMA RETIREMENT TRUST 401 \$	8,397.18
ACH	HASCO OIL COMPANY, INC. RP5-Mobil Delvac 1300 Super 15W40-1 Drum 0210891-IN	1,551.17
	HASCO OIL COMPANY, INC. \$	1,551.17
ACH	NAPA GENUINE PARTS COMPANY Marine Battery, Core Deposit, Envro Fee 225165	2,321.54
	NAPA GENUINE PARTS COMPANY \$	2,321.54
ACH	SANTA ANA WATERSHED 2017-2018 Brine Line Permit Fees 9055	5,950.00
	SANTA ANA WATERSHED \$	5,950.00
ACH	UNIVAR USA INC TP1-13,188 Lbs Sodium Bisulfite LA544238	2,847.72
	UNIVAR USA INC \$	2,847.72
ACH	AGRICULTURAL RESOURCES 7/17 Wtr Quality Consult 7/17 WTR QLTY	3,500.00
	AGRICULTURAL RESOURCES \$	3,500.00
ACH	BENTLY NEVADA LLC 1 General Purpose Monitor 1010316319	4,160.23
	BENTLY NEVADA LLC \$	4,160.23
ACH	OLIN CORP TP1-4,924 Gals Sodium Hypochlorite 2342365	2,806.68
	TP1-4,882 Gals Sodium Hypochlorite 2342038	2,782.74
	CCWRP-2,992 Gals Sodium Hypochlorite 2341768	1,705.44
	RP5-2,998 Gals Sodium Hypochlorite 2341133	1,708.86
	RP5-4,952 Gals Sodium Hypochlorite 2340506	2,822.64
	TP1-4,980 Gals Sodium Hypochlorite 2340507	2,838.60
	CCWRP-3,010 Gals Sodium Hypochlorite 2339761	1,715.70
	TP1-4,956 Gals Sodium Hypochlorite 2339762	2,820.36
	OLIN CORP \$	19,201.02

Check	Payee / Description	Amount
ACH	KAMBRIAN CORPORATION ISS-MS Project Pro Annual Lic Renewal 14544	5,347.40
	KAMBRIAN CORPORATION \$	5,347.40
ACH	AMAZON BUSINESS Cordless Compact Drill OKD6-792J-5GR	106.67
	AMAZON BUSINESS \$	106.67
ACH	SHELL ENERGY NORTH AMERICA LP 5/17 Gas Commodity-Non Core 2944214	1,188.00
	SHELL ENERGY NORTH AMERICA LP \$	1,188.00
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 13 6/23 Employee Ded HR 0056400	183.00
	IEUA EMPLOYEES' ASSOCIATION \$	183.00
ACH	IEUA SUPERVISORS UNION ASSOCIA P/R 13 6/23 Employee Ded HR 0056400	315.00
	IEUA SUPERVISORS UNION ASSOCIA\$	315.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 13 6/23 Employee Ded HR 0056400	1,106.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,106.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 13 6/23 Employee Ded HR 0056400	450.00
	IEUA PROFESSIONAL EMPLOYEES AS\$	450.00
ACH	DISCOVERY BENEFITS INC P/R 13 6/23 Cafeteria Plan HR 0056400	3,178.93
	DISCOVERY BENEFITS INC \$	3,178.93
ACH	ESTRADA, JIMMIE J Reim Monthly Health Prem HEALTH PREM	472.96
	ESTRADA, JIMMIE J \$	472.96
ACH	LICHTI, ALICE Reim Monthly Health Prem HEALTH PREM	172.48
	LICHTI, ALICE \$	172.48
ACH	MORASSE, EDNA Reim Monthly Health Prem HEALTH PREM	172.48
	MORASSE, EDNA \$	172.48
ACH	NOWAK, THEO T Reim Monthly Health Prem HEALTH PREM	472.96

Check	Payee / Description	Amount
	NOWAK, THEO T	\$ 472.96
ACH	SONNENBURG, ILSE Reim Monthly Health Prem	HEALTH PREM 172.48
	SONNENBURG, ILSE	\$ 172.48
ACH	DYKSTRA, BETTY Reim Monthly Health Prem	HEALTH PREM 172.48
	DYKSTRA, BETTY	\$ 172.48
ACH	TORRES, ROBERT G Reim Monthly Health Prem	HEALTH PREM 172.48
	TORRES, ROBERT G	\$ 172.48
ACH	MUELLER, CAROLYN Reim Monthly Health Prem	HEALTH PREM 172.48
	MUELLER, CAROLYN	\$ 172.48
ACH	GRIFFIN, GEORGE Reim Monthly Health Prem	HEALTH PREM 172.48
	GRIFFIN, GEORGE	\$ 172.48
ACH	CANADA, ANGELA Reim Monthly Health Prem	HEALTH PREM 172.48
	CANADA, ANGELA	\$ 172.48
ACH	CUPERSMITH, LEIZAR Reim Monthly Health Prem	HEALTH PREM 172.48
	CUPERSMITH, LEIZAR	\$ 172.48
ACH	DELGADO-ORAMAS JR, JOSE Reim Monthly Health Prem	HEALTH PREM 300.48
	DELGADO-ORAMAS JR, JOSE	\$ 300.48
ACH	GRANGER, BRANDON Reim Monthly Health Prem	HEALTH PREM 150.24
	GRANGER, BRANDON	\$ 150.24
ACH	GADDY, CHARLES L Reim Monthly Health Prem	HEALTH PREM 150.24
	GADDY, CHARLES L	\$ 150.24
ACH	BAKER, CHRIS Reim Monthly Health Prem	HEALTH PREM 22.24
	BAKER, CHRIS	\$ 22.24
ACH	WEBB, DANNY C Reim Monthly Health Prem	HEALTH PREM 128.00

Check	Payee / Description	Amount
	WEBB, DANNY C	\$ 128.00
ACH	HUMPHREYS, DEBORAH E Reim Monthly Health Prem	HEALTH PREM 150.24
	HUMPHREYS, DEBORAH E	\$ 150.24
ACH	MOUAT, FREDERICK W Reim Monthly Health Prem	HEALTH PREM 150.24
	MOUAT, FREDERICK W	\$ 150.24
ACH	MORGAN, GARTH W Reim Monthly Health Prem	HEALTH PREM 128.00
	MORGAN, GARTH W	\$ 128.00
ACH	ALLINGHAM, JACK Reim Monthly Health Prem	HEALTH PREM 22.24
	ALLINGHAM, JACK	\$ 22.24
ACH	MAZUR, JOHN Reim Monthly Health Prem	HEALTH PREM 437.19
	MAZUR, JOHN	\$ 437.19
ACH	RUDDER, LARRY Reim Monthly Health Prem	HEALTH PREM 22.24
	RUDDER, LARRY	\$ 22.24
ACH	HAMILTON, MARIA Reim Monthly Health Prem	HEALTH PREM 128.00
	HAMILTON, MARIA	\$ 128.00
ACH	PICENO, TONY Reim Monthly Health Prem	HEALTH PREM 172.48
	PICENO, TONY	\$ 172.48
ACH	RAMOS, CAROL Reim Monthly Health Prem	HEALTH PREM 22.24
	RAMOS, CAROL	\$ 22.24
ACH	FISHER, JAY Reim Monthly Health Prem	HEALTH PREM 128.00
	FISHER, JAY	\$ 128.00
ACH	KING, PATRICK Reim Monthly Health Prem	HEALTH PREM 22.24
	KING, PATRICK	\$ 22.24
ACH	HOWARD, ROBERT JAMES	

Check	Payee / Description	Amount
	Reim Monthly Health Prem	HEALTH PREM 22.24
	HOWARD, ROBERT JAMES	\$ 22.24
ACH	DIETZ, JUDY Reim Monthly Health Prem	HEALTH PREM 128.00
	DIETZ, JUDY	\$ 128.00
ACH	DAVIS, GEORGE Reim Monthly Health Prem	HEALTH PREM 150.24
	DAVIS, GEORGE	\$ 150.24
ACH	MONZAVI, TAGHI Reim Monthly Health Prem	HEALTH PREM 22.24
	MONZAVI, TAGHI	\$ 22.24
ACH	PETERSEN, KENNETH Reim Monthly Health Prem	HEALTH PREM 172.48
	PETERSEN, KENNETH	\$ 172.48
ACH	TRAUTERMAN, HELEN Reim Monthly Health Prem	HEALTH PREM 172.48
	TRAUTERMAN, HELEN	\$ 172.48
ACH	TIEGS, KATHLEEN Reim Monthly Health Prem	HEALTH PREM 874.37
	TIEGS, KATHLEEN	\$ 874.37
ACH	DIGGS, GEORGE Reim Monthly Health Prem	HEALTH PREM 772.02
	DIGGS, GEORGE	\$ 772.02
ACH	HAYES, KENNETH Reim Monthly Health Prem	HEALTH PREM 472.96
	HAYES, KENNETH	\$ 472.96
ACH	HUNTON, STEVE Reim Monthly Health Prem	HEALTH PREM 150.24
	HUNTON, STEVE	\$ 150.24
ACH	RODRIGUEZ, LOUIS Reim Monthly Health Prem	HEALTH PREM 150.24
	RODRIGUEZ, LOUIS	\$ 150.24
ACH	VARBEL, VAN Reim Monthly Health Prem	HEALTH PREM 573.89
	VARBEL, VAN	\$ 573.89

Check	Payee / Description	Amount
ACH	CLIFTON, NEIL Reim Monthly Health Prem	HEALTH PREM 445.89
	CLIFTON, NEIL	\$ 445.89
ACH	DELGADO, FRANCOIS Reim Monthly Health Prem	HEALTH PREM 128.00
	DELGADO, FRANCOIS	\$ 128.00
ACH	WELLMAN, JOHN THOMAS Reim Monthly Health Prem	HEALTH PREM 573.89
	WELLMAN, JOHN THOMAS	\$ 573.89
ACH	SPEARS, SUSAN Reim Monthly Health Prem	HEALTH PREM 20.62
	SPEARS, SUSAN	\$ 20.62
ACH	TROXEL, WYATT Reim Monthly Health Prem	HEALTH PREM 172.48
	TROXEL, WYATT	\$ 172.48
ACH	CORLEY, WILLIAM Reim Monthly Health Prem	HEALTH PREM 437.19
	CORLEY, WILLIAM	\$ 437.19
ACH	CALLAHAN, CHARLES Reim Monthly Health Prem	HEALTH PREM 342.34
	CALLAHAN, CHARLES	\$ 342.34
ACH	LESNIAKOWSKI, NORBERT Reim Monthly Health Prem	HEALTH PREM 172.48
	LESNIAKOWSKI, NORBERT	\$ 172.48
ACH	VER STEEG, ALLEN J Reim Monthly Health Prem	HEALTH PREM 470.34
	VER STEEG, ALLEN J	\$ 470.34
ACH	HACKNEY, GARY Reim Monthly Health Prem	HEALTH PREM 437.19
	HACKNEY, GARY	\$ 437.19
ACH	CAREL, LARRY Reim Monthly Health Prem	HEALTH PREM 22.24
	CAREL, LARRY	\$ 22.24
ACH	TOL, HAROLD Reim Monthly Health Prem	HEALTH PREM 322.01
	TOL, HAROLD	\$ 322.01

Check	Payee / Description	Amount
ACH	BANKSTON, GARY Reim Monthly Health Prem	HEALTH PREM 471.54
	BANKSTON, GARY	\$ 471.54
ACH	ATWATER, RICHARD Reim Monthly Health Prem	HEALTH PREM 128.00
	ATWATER, RICHARD	\$ 128.00
ACH	FIESTA, PATRICIA Reim Monthly Health Prem	HEALTH PREM 450.01
	FIESTA, PATRICIA	\$ 450.01
ACH	DIGGS, JANET Reim Monthly Health Prem	HEALTH PREM 900.02
	DIGGS, JANET	\$ 900.02
ACH	CARAZA, TERESA Reim Monthly Health Prem	HEALTH PREM 158.95
	CARAZA, TERESA	\$ 158.95
ACH	ANDERSON, JOHN Reim Monthly Health Prem	HEALTH PREM 472.96
	ANDERSON, JOHN	\$ 472.96
ACH	SANTA CRUZ, JACQUELYN Reim Monthly Health Prem	HEALTH PREM 779.40
	SANTA CRUZ, JACQUELYN	\$ 779.40
ACH	HECK, ROSELYN Reim Monthly Health Prem	HEALTH PREM 22.24
	HECK, ROSELYN	\$ 22.24
ACH	SOPICKI, LEO Reim Monthly Health Prem	HEALTH PREM 300.48
	SOPICKI, LEO	\$ 300.48
ACH	HERNANDEZ, BENJAMIN Reim Monthly Health Prem	HEALTH PREM 322.01
	HERNANDEZ, BENJAMIN	\$ 322.01
ACH	GOSE, ROSEMARY Reim Monthly Health Prem	HEALTH PREM 128.00
	GOSE, ROSEMARY	\$ 128.00
ACH	KEHL, BARRETT Reim Monthly Health Prem	HEALTH PREM 128.00

Check	Payee / Description	Amount
	KEHL, BARRETT	\$ 128.00
ACH	RITCHIE, JANN Reim Monthly Health Prem	HEALTH PREM 128.00
	RITCHIE, JANN	\$ 128.00
ACH	LONG, ROCKWELL DEE Reim Monthly Health Prem	HEALTH PREM 445.89
	LONG, ROCKWELL DEE	\$ 445.89
ACH	FATTAHI, MIR Reim Monthly Health Prem	HEALTH PREM 128.00
	FATTAHI, MIR	\$ 128.00
ACH	VERGARA, FLORENTINO Reim Monthly Health Prem	HEALTH PREM 300.48
	VERGARA, FLORENTINO	\$ 300.48
ACH	WARMAN, RALPH Reim Monthly Health Prem	HEALTH PREM 172.48
	WARMAN, RALPH	\$ 172.48
ACH	ROGERS, SHIRLEY Reim Monthly Health Prem	HEALTH PREM 172.48
	ROGERS, SHIRLEY	\$ 172.48
ACH	WALL, DAVID Reim Monthly Health Prem	HEALTH PREM 286.95
	WALL, DAVID	\$ 286.95
ACH	CHUNG, MICHAEL Reim Monthly Health Prem	HEALTH PREM 150.24
	CHUNG, MICHAEL	\$ 150.24
ACH	ADAMS, PAMELA Reim Monthly Health Prem	HEALTH PREM 172.48
	ADAMS, PAMELA	\$ 172.48
ACH	BLASINGAME, MARY Reim Monthly Health Prem	HEALTH PREM 1,019.78
	BLASINGAME, MARY	\$ 1,019.78
ACH	ANDERSON, KENNETH Reim Monthly Health Prem	HEALTH PREM 22.24
	ANDERSON, KENNETH	\$ 22.24
ACH	MOE, JAMES Reim Monthly Health Prem	HEALTH PREM 22.24

Check	Payee / Description	Amount
	MOE, JAMES	\$ 22.24
ACH	POLACEK, KEVIN Reim Monthly Health Prem	HEALTH PREM 746.06
	POLACEK, KEVIN	\$ 746.06
ACH	ELROD, SONDRA Reim Monthly Health Prem	HEALTH PREM 286.95
	ELROD, SONDRA	\$ 286.95
ACH	FRAZIER, JACK Reim Monthly Health Prem	HEALTH PREM 171.77
	FRAZIER, JACK	\$ 171.77
ACH	HOAK, JAMES Reim Monthly Health Prem	HEALTH PREM 128.00
	HOAK, JAMES	\$ 128.00
ACH	DEZHAM, PARIVASH Reim Monthly Health Prem	HEALTH PREM 171.77
	DEZHAM, PARIVASH	\$ 171.77
ACH	FOLEY III, DANIEL J. Reim Monthly Health Prem	HEALTH PREM 158.95
	FOLEY III, DANIEL J.	\$ 158.95
ACH	CLEVELAND, JAMES Reim Monthly Health Prem	HEALTH PREM 128.00
	CLEVELAND, JAMES	\$ 128.00
ACH	LANGNER, CAMERON Reim Monthly Health Prem	HEALTH PREM 238.70
	LANGNER, CAMERON	\$ 238.70
ACH	HAMILTON, LEANNE Reim Monthly Health Prem	HEALTH PREM 158.95
	HAMILTON, LEANNE	\$ 158.95
ACH	HOOSHMAND, RAY Reim Monthly Health Prem	HEALTH PREM 128.00
	HOOSHMAND, RAY	\$ 128.00
ACH	SCHLAPKOHL, JACK Reim Monthly Health Prem	HEALTH PREM 128.00
	SCHLAPKOHL, JACK	\$ 128.00
ACH	POOLE, PHILLIP	

Check	Payee / Description		Amount
	Reim Monthly Health Prem	HEALTH PREM	171.77
	POOLE, PHILLIP	\$	171.77
ACH	ADAMS, BARBARA Reim Monthly Health Prem	HEALTH PREM	150.24
	ADAMS, BARBARA	\$	150.24
ACH	RUESCH, GENECE Reim Monthly Health Prem	HEALTH PREM	481.35
	RUESCH, GENECE	\$	481.35
ACH	VANDERPOOL, LARRY Reim Monthly Health Prem	HEALTH PREM	471.54
	VANDERPOOL, LARRY	\$	471.54
ACH	AMBROSE, JEFFREY Reim Monthly Health Prem	HEALTH PREM	573.89
	AMBROSE, JEFFREY	\$	573.89
ACH	MERRILL, DIANE Reim Monthly Health Prem	HEALTH PREM	286.95
	MERRILL, DIANE	\$	286.95
ACH	HOUSER, ROD Reim Monthly Health Prem	HEALTH PREM	620.58
	HOUSER, ROD	\$	620.58
ACH	RUSSO, VICKI Reim Monthly Health Prem	HEALTH PREM	158.95
	RUSSO, VICKI	\$	158.95
ACH	HUSS, KERRY Reim Monthly Health Prem	HEALTH PREM	445.89
	HUSS, KERRY	\$	445.89
ACH	BINGHAM, GREGG Reim Monthly Health Prem	HEALTH PREM	618.06
	BINGHAM, GREGG	\$	618.06
ACH	CHARLES, DAVID Reim Monthly Health Prem	HEALTH PREM	128.00
	CHARLES, DAVID	\$	128.00
ACH	YEBOAH, ERNEST Reim Monthly Health Prem	HEALTH PREM	128.00
	YEBOAH, ERNEST	\$	128.00

Check	Payee / Description	Amount
ACH	ALVARADO, ROSEMARY Reim Monthly Health Prem	HEALTH PREM 309.19
	ALVARADO, ROSEMARY	\$ 309.19
ACH	BARELA, GEORGE Reim Monthly Health Prem	HEALTH PREM 128.00
	BARELA, GEORGE	\$ 128.00
ACH	FETZER, ROBERT Reim Monthly Health Prem	HEALTH PREM 746.06
	FETZER, ROBERT	\$ 746.06
ACH	SPAETH, ERIC Reim Monthly Health Prem	HEALTH PREM 158.95
	SPAETH, ERIC	\$ 158.95
ACH	DAVIS, MARTHA Reim Monthly Health Prem	HEALTH PREM 158.95
	DAVIS, MARTHA	\$ 158.95
ACH	BRULE, CHRISTOPHER Reim Monthly Health Prem	HEALTH PREM 158.95
	BRULE, CHRISTOPHER	\$ 158.95
ACH	ROOS, JAMES Reim Monthly Health Prem	HEALTH PREM 445.89
	ROOS, JAMES	\$ 445.89
ACH	MULLANEY, JOHN Reim Monthly Health Prem	HEALTH PREM 286.95
	MULLANEY, JOHN	\$ 286.95
ACH	VALENZUELA, DANIEL Reim Monthly Health Prem	HEALTH PREM 445.89
	VALENZUELA, DANIEL	\$ 445.89
ACH	PACE, BRIAN Reim Monthly Health Prem	HEALTH PREM 891.78
	PACE, BRIAN	\$ 891.78
ACH	KING, JOSEPH Reim Monthly Health Prem	HEALTH PREM 128.00
	KING, JOSEPH	\$ 128.00
ACH	VILLALOBOS, HECTOR Reim Monthly Health Prem	HEALTH PREM 158.95
	VILLALOBOS, HECTOR	\$ 158.95

Check	Payee / Description		Amount
ACH	AQUA BEN CORPORATION		
	DAFT-4,600 Lbs Polymer 748E	35895	4,064.33
	RP1-16,100 Lbs Polymer 750A	35896	21,608.36
	DAFT-4,600 Lbs Polymer 748E	35846	4,064.33
	RP1-16,100 Lbs Polymer 750A	35847	21,608.36
	DAFT-4,600 Lbs Polymer 748E	35886	4,064.33
	RP1-16,100 Lbs Polymer 750A	35887	21,608.36

	AQUA BEN CORPORATION	\$	77,018.07
ACH	HASCO OIL COMPANY, INC.		
	RP5-Mobil SHC 630	0210916-IN	4,052.63
	RP5-Mobilux EP-2 - 1 Keg	0211147-IN	867.41

	HASCO OIL COMPANY, INC.	\$	4,920.04
ACH	NAPA GENUINE PARTS COMPANY		
	Air Filters,Napa Oil,Antifreeze,Trans Fl 225587		487.49

	NAPA GENUINE PARTS COMPANY	\$	487.49
ACH	UNIVAR USA INC		
	TP1-12,812 Lbs Sodium Bisulfite	LA546993	2,766.46
	CCWRP-12,991 Lbs Sodium Bisulfite	LA545676	2,805.19

	UNIVAR USA INC	\$	5,571.65
ACH	PACIFIC PARTS & CONTROLS		
	RP1 VFD Start Up Service	I413573	4,465.00

	PACIFIC PARTS & CONTROLS	\$	4,465.00
ACH	INLAND EMPIRE REGIONAL		
	5/17 Biosolids	90020287	415,806.05

	INLAND EMPIRE REGIONAL	\$	415,806.05
ACH	PARSONS WATER & INFRASTRUCTURE		
	EN16028/EN16025-2/4-3/3 Prof Svcs	1706C128	178,719.16

	PARSONS WATER & INFRASTRUCTURE	\$	178,719.16
ACH	PEST OPTIONS INC		
	April 2017 GWR Weed Abatement Services	275727	6,034.32
	May 2017 GWR Weed Abatement Services	277756	6,034.32
	May 2017 Weed Abatement Services	277652	2,920.48

	PEST OPTIONS INC	\$	14,989.12
ACH	OLIN CORP		
	RP4-3,404 Gals Sodium Hypochlorite	2342039	1,940.28
	RP4-3,006 Gals Sodium Hypochlorite	2339763	1,713.42
	RP4-4,004 Gals Sodium Hypochlorite	2338195	2,282.28
	RP4-3,498 Gals Sodium Hypochlorite	2336392	1,993.86
	RP4-2,984 Gals Sodium Hypochlorite	2334810	1,700.88
	RP4-3,954 Gals Sodium Hypochlorite	2332882	2,253.78
	RP4-2,992 Gals Sodium Hypochlorite	2331685	1,705.44
	RP4-3,500 Gals Sodium Hypochlorite	2330128	1,995.00

Check	Payee / Description	Amount
	TP1-4,918 Gals Sodium Hypochlorite 2346063	2,803.26
	RP4-3,494 Gals Sodium Hypochlorite 2345462	1,991.58
	TP1-4,952 Gals Sodium Hypochlorite 2345461	2,822.64
	TP1-4,912 Gals Sodium Hypochlorite 2345210	2,799.84
	CCWRP-3,012 Gals Sodium Hypochlorite 2345209	1,716.84
	TP1-4,922 Gals Sodium Hypochlorite 2344523	2,805.54
	RP4-3,494 Gals Sodium Hypochlorite 2343768	1,991.58
	RP5-4,924 Gals Sodium Hypochlorite 2343767	2,806.68
	TP1-4,880 Gals Sodium Hypochlorite 2343039	2,781.60
	CCWRP-3,036 Gals Sodium Hypochlorite 2343038	1,730.52
	OLIN CORP \$	39,835.02
ACH	DAVE'S PLUMBING	
	WR16017-6/2017 Replace PRV, Adjustment P 5147	2,714.60
	3 Water Softener Removal 6/2017 5150	735.00
	DAVE'S PLUMBING \$	3,449.60
ACH	EVOQUA WATER TECHNOLOGIES LLC	
	Replace Filter on Rental DI Tank 903120286	70.96
	EVOQUA WATER TECHNOLOGIES LLC \$	70.96
ACH	WEST COAST ADVISORS	
	6/17 Prof Svcs 10754	9,800.00
	WEST COAST ADVISORS \$	9,800.00
ACH	JC LAW FIRM	
	5/17 IEUA vs RP1 Ontario Airport Plume 00264	90.00
	5/17 IEUA vs Martin 00261	180.00
	5/17 IEUA vs Mwembu 00262	240.00
	5/17 General Legal 00263	43,735.00
	5/17 Regional Contract 00265	10,425.00
	5/17 IEUA vs SAWPA SARCCUP 00266	1,500.00
	5/17 Watermaster 00267	2,190.00
	JC LAW FIRM \$	58,360.00
ACH	AMAZON BUSINESS	
	USB Digital Foot Control OKD6-792J-DG0	48.00
	Cisco IP Phone ODXX-GLWX-F4B	839.50
	Wireless USB Adapter 00SX-117Y-0TW	113.10
	AMAZON BUSINESS \$	1,000.60
ACH	SHELL ENERGY NORTH AMERICA LP	
	RP2/RP5-5/1-5/31 16400 El Prado Rd 2/1-2 2044 5/17	6,847.08
	RP1-5/1-5/31 2450 Phila St 2/1-2/28 Adj 2042 5/17	109,451.93
	CCWRP/TP/RWPS-5/1-5/31 14950 Tlphn 2/1-2 2046 5/17	36,349.36
	SHELL ENERGY NORTH AMERICA LP \$	152,648.37
ACH	PREFERRED BENEFIT INSURANCE	
	6/17 Agency Dental Plan EIA21093	15,258.20
	PREFERRED BENEFIT INSURANCE \$	15,258.20

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Check	Payee / Description	Amount
ACH	DISCOVERY BENEFITS INC May 2017 Admin Fees	161.50
	0000764147-IN	161.50
	DISCOVERY BENEFITS INC	\$ 161.50

Grand Total Payment Amount: \$ 1,824,180.57

Attachment 4

Vendor Wires
(excludes Payroll)

Check	Payee / Description	Amount
Wire	STATE BOARD OF EQUALIZATION 4/17 Sales Tax Deposit	23784561 4/17 6,564.00
	STATE BOARD OF EQUALIZATION \$	6,564.00
Wire	PUBLIC EMPLOYEES' RETIREMENT S 6/17 Health Ins-Retirees, Employees	14960442 6/17 246,850.46
	6/17 Health Ins-Board	14960447 6/17 5,413.88
	PUBLIC EMPLOYEES' RETIREMENT S\$	252,264.34
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 11 5/26/17 PERS	HR 0055300 271,555.96
	P/R 11 5/26/17 PERS Adj	PR 11 052417 12.42
	PUBLIC EMPLOYEES RETIREMENT SY\$	271,568.38
Wire	EMPLOYMENT DEVELOPMENT DEPARTM	HR 0056200 10,867.29
		HR 0056200 56,606.43
	EMPLOYMENT DEVELOPMENT DEPARTM\$	67,473.72
Wire	INTERNAL REVENUE SERVICE	HR 0056200 341,849.51
	INTERNAL REVENUE SERVICE \$	341,849.51
Wire	EMPLOYMENT DEVELOPMENT DEPARTM	HR 0056100 366.28
	EMPLOYMENT DEVELOPMENT DEPARTM\$	366.28
Wire	INTERNAL REVENUE SERVICE	HR 0056100 2,239.57
	INTERNAL REVENUE SERVICE \$	2,239.57
Wire	STATE DISBURSEMENT UNIT P/R 12 6/9/17	HR 0056200 198.00 HR 0056200 1,145.06
	STATE DISBURSEMENT UNIT \$	1,343.06
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 12 6/9/17 Deferred Comp Ded	HR 0056200 44,363.67
	PUBLIC EMPLOYEE'S RETIREMENT S\$	44,363.67
Wire	STATE BOARD OF EQUALIZATION 5/17 Sales Tax Deposit	23784561 5/17 6,585.00
	STATE BOARD OF EQUALIZATION \$	6,585.00
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 12 6/9/17 PERS	HR 0056200 279,510.07
	PUBLIC EMPLOYEES RETIREMENT SY\$	279,510.07

Check Payee / Description	Amount
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Wire	STATE DISBURSEMENT UNIT P/R 13 6/23	HR	0056400	1,145.06
	P/R 13 6/23	HR	0056400	198.00
	STATE DISBURSEMENT UNIT		\$	1,343.06
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 13 6/23 Deferred Comp Ded	HR	0056400	22,804.12
	PUBLIC EMPLOYEE'S RETIREMENT S\$			22,804.12
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 13 6/23 Taxes	HR	0056400	49,775.28
	P/R 13 6/23 Taxes	HR	0056400	9,889.95
	EMPLOYMENT DEVELOPMENT DEPARTM\$			59,665.23
Wire	INTERNAL REVENUE SERVICE P/R 13 6/23 Taxes	HR	0056400	307,040.54
	INTERNAL REVENUE SERVICE		\$	307,040.54
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 13 6/23 PERS	HR	0056400	272,972.00
	PUBLIC EMPLOYEES RETIREMENT SY\$			272,972.00
Wire	PUBLIC EMPLOYEES RETIREMENT SY 2017 RBP-Replacement Benefit Contributio 1000000149564			5,315.68
	PUBLIC EMPLOYEES RETIREMENT SY\$			5,315.68
Wire	SUMITOMO MITSUI BANKING CORP 08B 4/1/17-6/30/17 LOC Fees		NY-091282 060	43,904.21
	SUMITOMO MITSUI BANKING CORP		\$	43,904.21
Wire	METROPOLITAN WATER DISTRICT April 2017 Water Purchase		9006	5,577,557.73
	METROPOLITAN WATER DISTRICT		\$	5,577,557.73
Wire	CALPERS CalPERS OPEB Unfunded Liability		5643527383-00	2,000,000.00
	CALPERS		\$	2,000,000.00

Grand Total Payment Amount: \$ 9,564,730.17

Attachment 5

Payroll-Net Pay-Directors

INLAND EMPIRE UTILITIES AGENCY

Ratification of Board of Directors

Payroll for June 9, 2017
Presented at Board Meeting on August 16, 2017

DIRECTOR NAME	GROSS PAYROLL	NET PAYROLL
Jasmin Hall	\$2,874.92	\$1,788.32
Katherine Parker	\$3,234.29	\$1,454.51
Michael Camacho	\$3,931.54	\$1,371.88
Steven J. Elie	\$3,400.72	\$671.05
Paul Hofer	\$0.00	\$0.00
TOTALS	\$13,441.47	\$5,285.76

	Count	Amount
TOTAL EFTS PROCESSED	2	\$3,242.83
TOTAL CHECKS PROCESSED	3	\$2,042.93
CHECK NUMBERS USED	110000 - 110002	

**Director's Timesheet Summary
For Pay Period 6 2017**

Last	First	Pers. No	Cost Center	Division	Agency	Meeting Rate	Attended	Paid	Amount
Camacho	Michael	1140	110095	Division 5	IEUA	225	9	7	1,575.00
					MWD	225	4	3	675.00
					Regional Policy Committee	225	0	0	0.00
					110095 Total			13	10
Elie	Steven	1175	110093	Division 3	IEUA	225	8	6	1,350.00
					Watermaster	100	2	0	0.00
					CDA	75	0	0	0.00
	110093 Total					10	6	1,350.00	
Hall	Jasmin	1256	110094	Division 4	IEUA	225	11	10	2,250.00
					CDA	75	1	0	0.00
					SAWPA	25	2	0	0.00
	110094 Total					14	10	2,250.00	
Hofer	Paul	1349	110092	Division 2	IEUA	225	3	0	0.00
	110092 Total						3	0	0.00
Parker	Katherine	1362	110091	Division 1	IEUA	225	6	5	1,125.00
					Regional Policy Committee	100	2	2	200.00
						225	1	1	225.00
					Watermaster	100	1	0	0.00
					SAWPA	25	1	1	25.00
	110091 Total					11	9	1,575.00	
Grand Total							51	35	7,425.00

Subtotals

Last	Amount
Camacho	2,250.00
Elie	1,350.00
Hall	2,250.00
Hofer	0.00
Parker	1,575.00
Grand Total	7,425.00

IEUA DIRECTOR PAYSHEET

MICHAEL CAMACHO
 EMPLOYEE NO. 1140
 ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-03-17	IEUA Board Meeting	No (cancelled)	\$-0-
05-04-17	Southern Coalition/Inland Caucus Meeting	Yes	\$225.00
05-10-17	Community and Legislative Affairs Committee	Yes	\$225.00
05-10-17	Engineering, Operations and Water Resources Committee	Yes (same day)	\$-0-
05-17-17	IEUA Board Meeting	Yes	\$225.00
05-18-17	MWD's Solar Cup Boat Competition	Yes	\$225.00
05-19-17	MWD's Solar Cup Boat Competition	Yes	\$225.00
05-20-17	MWD's Solar Cup Boat Competition	Yes	\$225.00
05-21-17	MWD's Solar Cup Boat Competition	Yes	\$225.00
05-23-17	Los Osos HS Solar Cup Recognition @ CVWD Board meeting	Yes (same day)	\$-0-
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings)			\$1,575.00
Total No. of Meetings Attended			9
Total No. of Meetings Paid			7

DIRECTOR SIGNATURE *Michael Camacho for Director Camacho*

Approved by: *S. J. Elie*
 Steven J. Elie
 President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON MWD BOARD**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10700 110115 110000 511010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-04-17	MWD OP&T Telecon	Yes (same day)	\$-0-
05-08-17	MWD Standing Committee	Yes	\$225.00
05-09-17	MWD Standing Committee Meetings and Board Meeting	Yes	\$225.00
05-23-17	MWD other Committee Meetings	Yes	\$225.00
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings)			\$675.00
Total No. of Meetings Attended			4
Total No. of Meetings Paid			3

DIRECTOR
SIGNATURE

Michael Camacho

Director Camacho

Approved by:

Steven J. Elie
for _____
Steven J. Elie
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON REGIONAL POLICY COMMITTEE (ALTERNATE)**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10900 110100 500000 501215

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-04-17	Regional Policy Committee Meeting.	No	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105, (i.e., \$125.00 – difference between Regional Policy Committee (\$100.00 and Agency meetings \$225.00), including Agency meetings			
Total No. of Meetings Attended			0
Total No. of Meetings Paid			0

**DIRECTOR
SIGNATURE**

Michael Camacho

Michael Camacho

Approved by:

Steven J. Elie

Steven J. Elie
President, Board of Directors

IEUA DIRECTOR PAYSHEET

STEVEN J. ELIE
 EMPLOYEE NO. 1175
 ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-17	So Cal Water Committee Leg. Call	Yes	\$225.00
05-03-17	IEUA Board Meeting	No (Cancelled)	\$-0-
05-04-17	IERCA 10 th Anniversary Celebration	Yes	\$225.00
05-10-17	IEUA Community & Leg. Affairs Committee	Yes	\$225.00
05-17-17	Board Meeting	Yes	\$225.00
05-22-17	President's Meet & Greet w/Staff	Yes (staff)	\$-0-
05-22-17	So Cal Water Committee Leg. Call	Yes	\$225.00
05-24-17	President's Meet & Greet w/Staff	Yes (staff)	\$-0-
05-31-17	Mayor Eunice Ulloa's State of the City Address	Yes	\$225.00
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105)			\$1,350.00
Total No. of Meetings Attended			8
Total No. of Meetings Paid			6

DIRECTOR
SIGNATURE

Steven J. Elie

 President Elie

Approved by:

Jasmin Hall

 Jasmin Hall
 Secretary/Treasurer

**DIRECTOR PAYSHEET FOR IEUA
ON WATERMASTER BOARD**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-08-17	Meeting with P Kavounas, CBWM, re. Agency business	Yes*	\$-0-
05-25-17	CBWM Board Meeting	Yes*	\$-0-

TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (i.e., \$100.00 – difference between Watermaster \$125.00 and Agency meetings \$225.00), including District meetings	\$-0-
Total No. of Watermaster Meetings Attended	2
Total No. of Watermaster Meetings Paid	0

*Decline IEUA portion

DIRECTOR SIGNATURE *Steven J. Elie*

Approved by: *Jasmin Hall*
Jasmin Hall
Secretary/Treasurer

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY (ALTERNATE)**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-4-17	CDA Board Meeting	No	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$75.00 - difference between CDA (\$150.00 And Agency meetings \$225.00), including Agency meetings			
Total No. of CDA Meetings Attended			1
Total No. of CDA Meetings Paid			0

DIRECTOR
SIGNATURE

Steven J. Elie

President Elie

Approved by:

Jasmin Hall

Jasmin Hall
Secretary/Treasurer

IEUA DIRECTOR PAYSHEET

JASMIN A. HALL
 EMPLOYEE NO. 1256
 ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-17	IERCA Board meeting	Yes	\$225.00
05-03-17	IEUA Board Meeting	No (Cancelled)	\$-0-
05-04-17	IERCA 10 th Anniversary Celebration	Yes	\$225.00
05-05-17	Planes of Fame Air Museum 60th Anniversary - Curt Hagman	Yes	\$225.00
05-08-17	Mtg. w/Fontana Mayor Warren	Yes	\$225.00
05-09-17	ACWA 2017 Spring Conference	Yes	\$225.00
05-10-17	ACWA 2017 Spring Conference	Yes	\$225.00
05-11-17	ACWA 2017 Spring Conference	Yes	\$225.00
05-15-17	Fontana Activity Update w/Chuck Hays	Yes	\$225.00
05-15-17	CASA Board Meeting telecon	Yes (same day)	\$-0-
05-17-17	IEUA Board meeting	Yes	\$225.00
05-18-17	Kaiser HS Shirt distribution	Yes	\$225.00
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105)			\$2,250.00
Total No. of Meetings Attended			11
Total No. of Meetings Paid			10

DIRECTOR
SIGNATURE

Jasmin A. Hall

 Director Hall

Approved by:

Steven J. Elie

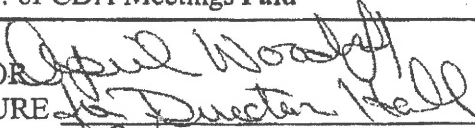
 Steven J. Elie, President, Board of Directors


**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY**

JASMIN A. HALL
 EMPLOYEE NO. 1256
 ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-04-17	CDA Board Meeting	Yes (same day)	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$75.00 – difference between CDA (\$150.00 And Agency meetings \$225.00 excludes alternate) including Agency meetings			
Total No. of CDA Meetings Attended			1
Total No. of CDA Meetings Paid			\$-0-

DIRECTOR 
 SIGNATURE _____

Approved by: 
 Steven J. Elie
 President, Board of Directors

*Chino Desalter Authority will pay \$150.00 per meeting directly to the Agency.

DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION

JASMIN A. HALL
EMPLOYEE NO. 1256
ACCOUNT NO. 10500 110100 165000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-02-17	SAWPA Commission Workshop	Yes (10 mtg max)	\$-0-
05-16-17	SAWPA Reg. Commission Meeting	Yes (10 mtg max)	\$-0-
TOTAL REIMBURSEMENT			
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$25.00 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$225.00), including Agency meetings			
Total No. of SAWPA Meetings Attended			2
Total No. of SAWPA Meetings Paid			0

DIRECTOR SIGNATURE *Jasmin A. Hall* for *Jasmin A. Hall*

Approved by: *Steven J. Elie*
Steven J. Elie
President, Board of Directors

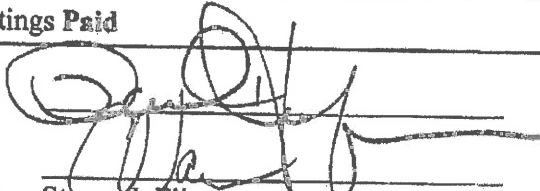
IEUA DIRECTOR PAYSHEET

PAUL HOFER
 EMPLOYEE NO. 1349
 ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-17	IERCA Board Meeting	Yes	\$-0-
05-03-17	IEUA Board Meeting	No (Cancelled)	\$-0-
05-10-17	Engineering, Operations & Water Resources Committee	Yes	\$-0-
05-17-17	IEUA Board Meeting	Yes	\$-0-
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 83)			\$-0-
Total No. of Meetings Attended			3
Total No. of Meetings Paid			0

DIRECTOR
 SIGNATURE



Approved by:

for Steven J. Elie
 President, Board of Directors

Director Hofer has waived all stipend payments.

IEUA DIRECTOR PAYSHEET

KATI PARKER
 EMPLOYEE NO. 1362
 ACCOUNT NO. 10200 1100100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-17	IERCA Board Meeting	Yes	\$225.00
05-03-17	IEUA Board Meeting	No (Cancelled)	\$-0-
05-04-17	IERCA 10 th Anniversary Celebration	Yes (same day)	\$-0-
05-09-17	Upland Oversight Board Meeting	Yes	\$225.00
05-10-17	Engineering, Operations & Water Resources Committee	Yes	\$225.00
05-17-17	IEUA Board Meeting	Yes	\$225.00
05-25-17	SAWPA OWOW Conference	Yes	\$225.00
TOTAL REIMBURSEMENT			\$1,125.00
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$27.18 – difference between SAWPA (\$197.82 (eff. 2/16/16) and Agency meetings \$225.00 including Agency meetings			
Total No. of Meetings Attended			6
Total No. of Meetings Paid			5

DIRECTOR SIGNATURE

[Handwritten Signature]
 for Kati Parker

Approved by

[Handwritten Signature]

to Steven J. Elie
 President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON REGIONAL POLICY COMMITTEE**

KATI PARKER
EMPLOYEE NO. 1362
ACCOUNT NO. 10900 110100 500000 501215

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-04-17	Regional Policy Committee Meeting	Yes	\$225.00
*03-02-15	Regional Policy Committee Meeting	Yes	\$100.00
*04-06-17	Regional Policy Committee Meeting	Yes	\$100.00
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (total amount of \$225.00, should reflect on timesheet)			\$425.00
Total No. of Meetings Attended			1
Total No. of Meetings Paid			1 + 2 meetings partial pymt.

**DIRECTOR
SIGNATURE**

Kati Parker

Director Parker

Approved by:

Steven J. Elie

Steven J. Elie
President, Board of Directors

* March and April 2017 timesheets paid \$125.00 only. Amount should have been \$225.00.

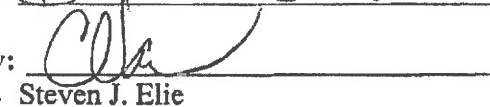
**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON WATERMASTER BOARD (ALTERNATE)**

KATI PARKER
EMPLOYEE NO. 1362
ACCOUNT NO. 10200 110100 100000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-25-17	CBWM Board Meeting (Alt.)	Yes (same day)	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$100.00 – difference between Watermaster \$125.00 and Agency meetings \$225.00), including Agency meetings			
Total No. of Watermaster Meetings Attended			1
Total No. of Watermaster Meetings Paid			0

DIRECTOR 
SIGNATURE 

Approved by: 
to Steven J. Elie
President, Board of Directors

* Chino Basin Watermaster does not compensate an alternate Director unless the alternate Director is attending on behalf of an absent primary Director. In accordance to Ordinance No. 98, Section 1, (i) Attendance at any meeting provided for under Sections 1.b, c, e, and f, shall also include payment to both the primary representative and the alternate representative to said body if they both attend said meeting.

**DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION (ALTERNATE)**

KATI PARKER
EMPLOYEE NO. 1362
ACCOUNT NO. 10500 110100 165000 501010

MAY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-16-17	SAWPA Commission Workshop	Yes	\$25.00
TOTAL REIMBURSEMENT			\$25.00
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$25.00 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$225.00), including Agency meetings			
Total No. of SAWPA Meetings Attended			1
Total No. of SAWPA Meetings Paid			1

DIRECTOR
SIGNATURE

Paul Woodley
Kati Parker

Approved by:

Steven J. Elie
Steven J. Elie
President, Board of Directors

Attachment 6

Payroll-Net Pay-Employees

Non-Board Members	PP 12 Checks	PP 12 EFTs	PP 13 Checks	PP 13 EFTs	June
NET PAY TO EE	\$0.00	\$728,973.13	\$0.00	\$696,657.39	\$1,425,630.52

INLAND EMPIRE UTILITIES AGENCY

Payroll for June 9, 2017

Presented at Board Meeting on August 16, 2017

GROSS PAYROLL COSTS			\$1,356,848.75
DEDUCTIONS			(\$627,875.62)
NET PAYROLL			728,973.13
NET PAYROLL BREAKDOWN	CHECKS	EFT	TOTAL
CHECKS USED	0		
TRANSACTION PROCESSED	0	368	368
AMOUNT	\$0.00	\$728,973.13	<u>\$728,973.13</u>

INLAND EMPIRE UTILITIES AGENCY

Payroll for June 23, 2017

Presented at Board Meeting on August 16, 2017

GROSS PAYROLL COSTS			\$1,262,206.65
DEDUCTIONS			(\$565,549.26)
NET PAYROLL			696,657.39
NET PAYROLL BREAKDOWN	CHECKS	EFT	TOTAL
CHECKS USED	0		
TRANSACTION PROCESSED	0	359	359
AMOUNT	\$0.00	\$696,657.39	<u>\$696,657.39</u>

**CONSENT
CALENDAR
ITEM**

1C

Date: August 16, 2017

To: The Honorable Board of Directors
Committee:

From: P. Joseph Grindstaff, General Manager

Executive Contact: P. Joseph Grindstaff, General Manager

Subject: Adoption of Resolution No. 2017-8-2, Commending Retired Council Member Ed Graham for his 26 Years of Service with the City of Chino Hills

Executive Summary:

Council Member Ed Graham was elected to the Chino Hills City Council in 1991 and has continually served on the City Council until July 7, 2017. He has also served six terms as the Mayor of the City of Chino Hills. Council Member Ed Graham has served on the Legislative Advocacy Committee, on the Omnitrans Board of Directors, San Bernardino Associated Governments, Southern California Association of Governments, and the VTrans Board of Directors. He enjoys communicating with the public by scheduling community meetings, providing articles to local publications, and by supporting community events.

Council Member Ed Graham received his Bachelor of Science degree in Physical Education from California State University, Fullerton. He had a 34-year career in education and retired as Vice Principal at Pioneer Junior High School in Upland. He retired in 2016 from his second career working for former City Council colleague Curt Hagman when Mr. Hagman served in the State Assembly and later as 4th District County Supervisor.

This Resolution will be formally presented, along with best wishes, to Council Member Ed Graham at his Retirement Celebration on Monday, August 21, 2017.

Staff's Recommendation:

Adopt Resolution No. 2017-8-2, commending retired Council Member Ed Graham for his 26 years of public service with the City of Chino Hills.

Budget Impact: ^N *Budgeted (Y/N):* ^N *Amendment (Y/N):* ^N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

N/A

Environmental Determination:

Not Applicable

Business Goal:

Attachments:

Attachment 1 - Resolution No. 2017-8-2

RESOLUTION NO. 2017-8-2

RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, COMMENDING RETIRED COUNCIL MEMBER ED GRAHAM FOR HIS 26 YEARS OF SERVICE WITH THE CITY OF CHINO HILLS

COUNCIL MEMBER ED GRAHAM

WHEREAS, Council Member Ed Graham was elected to the charter City Council when Chino Hills became a City in 1991;

WHEREAS, Council Member Ed Graham has continually served on the City Council of Chino Hills until July 7, 2017;

WHEREAS, Council Member Ed Graham has also served six terms as the Mayor of the City of Chino Hills;

WHEREAS, Council Member Ed Graham has served on the Legislative Advocacy Committee, on the Omnitrans Board of Directors, San Bernardino Associated Governments, Southern California Association of Governments, and the VTrans Board of Directors;

WHEREAS, Council Member Ed Graham enjoys communicating with the public by regularly scheduling community meetings, providing articles to local publications to keep the public up-to-date on community issues, and by strongly supporting community events;

WHEREAS, Council Member Ed Graham had a 34-year career in education and retired as Vice Principal at Pioneer Junior High School in Upland; and

WHEREAS, Council Member Ed Graham retired in 2016 from his second career working for former City Council colleague Curt Hagman when Mr. Hagman served in the State Assembly and later as 4th District County Supervisor.

NOW, THEREFORE, BE IT RESOLVED, that the Inland Empire Utilities Agency's Board of Directors does hereby publicly extend its most sincere appreciation to Council Member Ed Graham for his 26 years of dedicated service as a Council Member of the City of Chino Hills. His exemplary work ethic and dedication to the region and the residents of the Inland Empire are to be commended and appreciated.

ADOPTED this 16th day of August, 2017.

Steven J. Elie, President of the
Inland Empire Utilities Agency*
and of the Board of Directors thereof

ATTEST:

Jasmin A. Hall, Secretary/Treasurer of the
Inland Empire Utilities Agency* and of the
Board of Directors Thereof

STATE OF CALIFORNIA)
)SS
COUNTY OF SAN BERNARDINO)

I, Jasmin A. Hall, Secretary/Treasurer of the Inland Empire Utilities Agency*, DO
HEREBY CERTIFY that the foregoing Resolution being No. 2017-8-2, was adopted at a
regular Board Meeting on August 16, 2017, of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Jasmin A. Hall
Secretary/Treasurer of the Inland Empire
Utilities Agency* and of the Board of
Directors thereof

(SEAL)

*A Municipal Water District

CONSENT
CALENDAR
ITEM

1D

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Community & Legislative Affairs

08/09/17

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Southern California Water Committee Membership Renewal

Executive Summary:

The Southern California Water Committee (SCWC) is a nonprofit, nonpartisan public education partnership that works to ensure the health and reliability of southern California's water supply, and IEUA has been an active member of SCWC for more than 10 years. President Elie currently chairs the SCWC Legislative Task Force, which assists in educating members about advancing legislation and issues of concern to water agencies and associated members. SCWC is in the process of restructuring to be a stronger voice and more prominent leader in the region and has asked IEUA to be one of the founding members. Currently, Irvine Ranch Water District, Los Angeles Department of Water and Power, Los Angeles County Department of Public Works, West Basin Municipal Water District, and Eastern Municipal Water District have all committed to founding memberships. A founding membership will include all of the current basic membership benefits, as well as membership in the Stormwater Task Force, two tables at the annual dinner, benefits in promotional publication, and invitations to outreach events. As a founding member, IEUA would have an annual membership fee of \$25,000 and would no longer pay for sponsorships or events individually. This membership is being brought to the Board for approval outside of the annual membership board letter due to the timing of SCWC's request and the cost being greater than \$5,000.

Staff's Recommendation:

Approve the Fiscal Year 2017/18 membership as a founding member for the Southern California Water Committee in the amount of \$25,000.

Budget Impact: Y *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Requested Amount:* \$ 25,000

Account/Project Name:

Agency-wide Memberships

Fiscal Impact (explain if not budgeted):

The Agency-wide Membership account includes a 5% contingency that will be used to fund the SCWC founding membership fee.

Prior Board Action:

On December 21, 2016, the Board approved Resolution No. 2016-12-1, authorizing the FY 2017/18 Agency-wide memberships and affiliations, in the amount of \$225,382 (which includes a 5% contingency).

Environmental Determination:

Not Applicable

Business Goal:

Approving the SCWC membership aligns with IEUA's business practices goal of advocating for development of policies, legislation and regulations that benefit the region.

Attachments:

**CONSENT
CALENDAR
ITEM**

1E

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee

08/09/17

Executive Contact: Randy Lee, Executive Manager of Operations/AGM

Subject: Contract Award for Process Painting

Executive Summary:

On June 21, 2017, a competitive Request for Proposal (RFP IFB-SM-17-0028) to provide industrial coatings to necessary pipes, equipment, and tanks throughout the Regional Water Recycling Plant No. 5 (RP-5) was issued to 29 prospective contractors through the PlanetBids Network. Out of ten potential contractors who participated in the mandatory job-walk, only four submitted proposals. The most comprehensive proposal and determined to be the best value for the Agency was submitted by Tony Painting. Tony Painting had the most responsive proposal and will provide the best value to the Agency, as reflected through their understanding of the scope of work and their experience. The RP-5 Process Painting Services Contract Number 4600002387 to Tony Painting will be for a not-to-exceed amount of \$293,000. The apparent lowest proposal did not meet the RFP requirements. The Agency requested additional information and the contractor's response contradicted their original proposal.

Staff's Recommendation:

1. Award a service contract for the RP-5 Process Painting, Project No. PA16002, PA17002, and PA18002, to Tony Painting, in the amount of \$293,000; and
2. Authorize the General Manager to execute the service contract.

Budget Impact: Y *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Requested Amount:* \$ 293,000

Account/Project Name:

PA16002 Agency Wide Coatings & Paintings, PA17002 Agency Wide Coatings & Paintings, and PA18002 Agency Wide Coatings & Paintings.

Fiscal Impact (explain if not budgeted):

Prior Board Action:

June 21, 2017 - Adoption of the Agency's Biennial Budget for FYs 2017/18 and 2018/19, and FYs 2018-2027 Ten Year Capital Improvement Plan

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 1 as defined in Section 15301 of the State CEQA Guidelines.

Business Goal:

Asset Management - IEUA will ensure the regional sewer system and treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

Attachments:

Attachment 1 - Service Contract No. 4600002387



CONTRACT NUMBER: 4600002387

FOR CONTRACTOR SERVICES

RP5 Painting

THIS CONTRACT (the "Contract"), is made and entered into this ____ day of _____, 2017, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter referred to as "Agency" or "IEUA"), and Tony Painting Inc., located in Garden Grove, CA (hereinafter referred to as "Contractor"), for RP5 Painting Project.

NOW, THEREFORE, in consideration of the mutual promises and obligations set forth herein, the parties agree as follows:

1. AGENCY PROJECT MANAGER ASSIGNMENT: All technical direction related to this Contract shall come from the designated Project Manager. Details of the Agency's assignment are listed below.

Project Manager: Lucia Diaz
Address: 6075 Kimball Ave
CHINO, CA 92880
Telephone: (909) 993-1631
Facsimile: (909) 993-1987
Email: ldiaz@ieua.org

2. CONTRACTOR ASSIGNMENT: Special inquiries related to this Contract and the effects of this Contract shall be referred to the following:

Contractor: Tony Painting Inc.
Address: 7291 Garden Grove Blvd Suite A.
Garden Grove, CA 92841
Telephone: (714) 899-5303
Facsimile: (714) 899-5305
Email: tonyspaintingsb@yahoo.com

3. ORDER OF PRECEDENCE: The documents referenced below represent the Contract Documents. Where any conflicts exist between the General Terms and Conditions the governing order of precedence shall be as follows:
 1. Amendments to Contract Number 4600002387
 2. Contract Number 4600002387 General Terms and Conditions.
 3. Agency Invitation for Bid IFB-SM-17-028
 4. Contractor's Bid dated July 14, 2017, Exhibit A

4. SCOPE OF WORK AND SERVICES: Contractor services and responsibilities shall include and be in accordance with the following:
 - A. The Scope of Work and Technical Specifications in accordance with Exhibit A.

 - B. Contractor shall provide Agency with a Schedule of Work and Services, documenting the anticipated completion of the work within the time-frame set forth in Subsection 4.A., above. The Schedule of Work and Services will be prepared and submitted, to the Project Manager, for review and approval.

 - C. Method of Inspection:
 1. Work performed under this Contract may be required to undergo inspections.
 2. The Project Manager will be responsible for performance of the inspections.
 3. If Contractor fails an inspection, the Project Manager will be responsible for providing a written notice to the Contractor explaining the error and a determination of the urgency for the correction of the error (herein referred to as a "Cure Notice").

 - D. Cure Procedure:
 1. For a Cure Notice deemed by the Agency to be **urgent**, Contractor shall correct any error of the Work within 3 calendar days after Contractor's receipt of a Cure Notice, as directed by the Project Manager.
 2. For a Cure Notice deemed by the Agency to be **important**, Contractor shall correct any error of the Work within 10 calendar days after Contractor's receipt of a Cure Notice, as directed by the Project Manager.
 3. If the Project Manager rejects all, or any part of, the Work as unacceptable and agreement to correct such Work cannot be reached without modification to the Contract, Contractor shall notify

the Project Manager, in writing, detailing the dispute and the reason(s) for the Contractor's position. Any dispute that cannot be resolved between the Project Manager and Contractor shall be resolved in accordance with the provisions of this Contract.

- E. The Agency may, at any time, make changes to this Contract's Scope of Work; including additions, reductions, and other alterations to any or all of the Work. However, such changes shall only be made via written amendment to this Contract. The Contract compensation and Schedule of Work and Services shall be equitably adjusted, if required, to account for such changes and shall be set forth within the mutually approved Contract Amendment.
5. **TERM:** The term of this Contract shall extend from date of Notice to Proceed, and terminate 10/31/2017 or until services are complete, whichever occurs first, unless agreed upon by both parties, reduced to writing, and amended to this Contract.
6. **PAYMENT, INVOICING, AND COMPENSATION:**
- A. The Contractor may submit an invoice not more than once per month during the term of this Contract to the Agency's Accounts Payable Department. Agency shall pay Contractor's properly executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice.
- B. As compensation for the Work performed under this Contract, Agency shall pay Contractor's monthly invoice, for a total contract price NOT-TO-EXCEED \$293,000.00 for all services satisfactorily provided during the term of this Contract.
- C. Additionally, to qualify for payment, the Contractor shall prominently display, on the first page of the invoice, both:
1. The Contract Number – 4600002387, and;
 2. The Contract Release Purchase Order Number – 4500028047

If Contractor submits invoice by email, such invoice shall be submitted as follows:

APGroup@ieua.org
Scan the invoice as a PDF file.
Attach the scanned file to an email.

If Contractor submits invoice by mail, such invoice shall be submitted as follows:

Inland Empire Utilities Agency
Re: Contract Number: 4600002367
P.O. Box 9020
Chino Hills, CA 91709

- D. Concurrent with the submittal of the original invoice to the Agency's Accounts Payable Department, the Contractor shall forward (mail, fax, or email) a copy of the invoice to the designated Project Manager, identified in Section 1, on Page 1 of this Contract.
 - E. No Additional Compensation: Nothing set forth in this Contract shall be interpreted to require payment by Agency to Contractor of any compensation specifically for the assignments and assurances required by the Contract, other than the payment of expenses as may be actually incurred by Contractor in complying with this Contract, as approved by the Project Manager.
 - F. Contractor may request taking advantage of the Agency's practice of offering an expedited payment protocol to a Contractor who has proposed accepting an invoice amount reduction in exchange for early payment; (CONTRACTOR) has proposed, and the Agency has accepted, applying a (1%, 2%, or 5%) discount (invoice amount reduction) to monthly invoices in exchange for payment of all invoices within (20, 15, or 10) days, respectively, of the date the invoice is received at the Agency's APGroup@ieua.org email address.
7. CONTROL OF THE WORK: The Contractor shall perform the Work in compliance with the Schedule of Work and Services. If performance of the Work falls behind schedule, the Contractor shall accelerate the performance of the Work to comply with the Schedule of Work and Services as directed by the Project Manager. If the nature of the Work is such that Contractor is unable to accelerate the Work, Contractor shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Schedule of Work and Services.
8. INSURANCE: During the term of this Contract, the Contractor shall maintain, at Contractor's sole expense, the following insurance.
- A. Minimum Scope of Insurance: Coverage shall be at least as broad as:
 - 1. Commercial General Liability ("CGL"): Insurance Services Office ("ISO") Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to

this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

2. Automobile Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Contractor has no owned autos, covering hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
 3. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
 4. Payment Bond and Performance Bond: If Applicable, Shall be in a sum equal to the contract price. If the Performance Bond provides for a one-year warranty a separate Maintenance Bond is not necessary. Bonds shall be duly executed by a responsible corporate surety, authorized to issue such bonds in the State of California and secured through an authorized agent with an office in California.
- B. Deductibles and Self-Insured Retention: Any deductibles or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Agency, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.
- C. Other Insurance Provisions: The insurance policies are to contain, or be endorsed to contain, the following provisions:
1. Commercial General Liability and Automobile Liability Coverage
 - a. Additional Insured Status: The Agency, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment supplied in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85; or **by either** CG 20 10, CG 20 26, CG 20 33, or CG 20 38 **and** CG 20 37 forms if later revisions are used).
 - b. Primary Coverage: The Contractor's insurance coverage shall be primary insurance coverage at least as broad as ISO CG

20 01 04 13 as respects the Agency, its officer, officials, employees and volunteers. Any insurance or self-insurance maintained by the Agency, its officers, officials, employees, volunteers, property owners or engineers under contract with the Agency shall be excess of the Contractor's insurance and shall not contribute with it.

- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Agency, its officers, officials, employees or volunteers.
- d. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- e. The Contractor may satisfy the limit requirements in a single policy or multiple policies. Any additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

2. Workers' Compensation and Employers Liability Coverage

Contractor hereby grants to Agency a waiver of any right to subrogation which any insurer of the Contractor may acquire against the Agency by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Agency has received a waiver of subrogation endorsement from the insurer.

3. All Coverages

Each insurance policy required by this Contract shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, or reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Agency pursuant to Section 14, page 12 of this Contract.

- D. Acceptability of Insurers: Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A minus:VII, and who are admitted insurers in the State of California.
- E. Verification of Coverage: Contractor shall provide the Agency with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Agency before work

commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The Agency reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

- F. Submittal of Certificates: Contractor shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency
Attn: Angela Witte
P.O. Box 9020
Chino Hills, CA 91709

9. FITNESS FOR DUTY:

- A. Fitness: Contractor and its Subcontractor personnel on the Jobsite:
1. Shall report to work in a manner fit to do their job;
 2. Shall not be under the influence of or in possession of any alcoholic beverages or of any controlled substance (except a controlled substance as prescribed by a physician so long as the performance or safety of the Work is not affected thereby); and
 3. Shall not have been convicted of any serious criminal offense which, by its nature, may have a discernible adverse impact on the business or reputation of the Agency.
- B. Compliance: Contractor shall advise all personnel and associated third parties of the requirements of this Contract ("Fitness for Duty Requirements") before they enter on the Jobsite and shall immediately remove from the Jobsite any employee determined to be in violation of these requirements. Contractor shall impose these requirements on its Subcontractors. Agency may cancel the Contract if Contractor violates these Fitness for Duty Requirements.

10. LEGAL RELATIONS AND RESPONSIBILITIES:

- A. Professional Responsibility: The Contractor shall be responsible, to the level of competency presently maintained by other practicing professionals performing the same or similar type of work.
- B. Status of Contractor: The Contractor is retained as an independent Contractor only, for the sole purpose of providing the services described herein, and is not an employee of the Agency.

- C. Observing Laws and Ordinances: The Contractor shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect the conduct of any services or tasks performed under this Contract, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. The Contractor shall at all times observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees, and shall protect and indemnify, as required herein, the Agency, its officers, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Contractor, its employees, or subcontractors.
- D. Subcontract Services: Any subcontracts for the performance of any services under this Contract shall be subject to the written approval of the Project Manager and shall comply with State of California, Department of Industrial Relations, SB 854 requirements.
- E. Hours of Labor: The Contractor shall comply with all applicable provisions of California Labor Code Sections 1810 to 1815 relating to working hours. The Contractor shall, as a penalty to the Agency, forfeit \$25.00 for each worker employed in the completion of the Contract by the Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of the Labor Code.
- F. Travel and Subsistence Pay: The Contractor shall make payment to each worker for travel and subsistence payments which are needed to complete the work and/or service, as such travel and subsistence payments are defined in an applicable collective bargaining agreements with the worker.
- G. Liens: Contractor shall pay all sums of money that become due from any labor, services, materials or equipment provided to Contractor on account of said services to be rendered or said materials to be provided under this Contract and that may be secured by any lien against the Agency. Contractor shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.
- H. Indemnification: Contractor shall indemnify the Agency, its directors, employees, and assigns, and shall defend and hold them harmless from all liabilities, demands, actions, claims, losses and expenses, including reasonable attorneys' fees, which arise out of, or are related to, the negligence, recklessness or willful misconduct of the Contractor, its directors, employees, agents, and assigns, in the performance of work under this contract.

- I. Conflict of Interest: No official of the Agency, who is authorized in such capacity and on behalf of the Agency to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving this Contract, or any subcontract relating to services or tasks to be performed pursuant to this Contract, shall become directly or indirectly personally interested in this Contract.
- J. Equal Opportunity: During the performance of this Contract, the Contractor shall not unlawfully discriminate against any employee or employment applicant because of race, color, religion, sex, age, marital status, ancestry, physical or mental disability, sexual orientation, veteran status or national origin. The Agency is committed to creating and maintaining an environment free from harassment and discrimination.
- K. Disputes:
1. All disputes arising out of or in relation to this Contract shall be resolved in accordance with this section. The Contractor shall pursue the work to completion in accordance with the instruction of the Agency's Project Manager notwithstanding the existence of a dispute. By entering into this Contract, both parties are obligated, and hereby agree, to submit all disputes arising under or relating to the Contract which remain unresolved after the exhaustion of the procedures provided herein, to independent arbitration. Except as otherwise provided herein, arbitration shall be conducted under California Code of Civil Procedure Sections 1280, et seq., or their successor.
 2. Any and all disputes prior to the work starting shall be subject to resolution by the Agency's Project Manager; and the Contractor shall comply, with the Agency Project Manager instructions. If the Contractor is not satisfied with the resolution directed by the Agency Project Manager, they may file a written protest with the Agency Project Manager within seven (7) calendar days after receiving written directive of the Project Manager's decision. Failure by Contractor to file a written protest within seven (7) calendar days shall constitute waiver of protest, and acceptance of the Project Manager's resolution. The Project Manager shall submit the Contractor's written protests to the General Manager, together with a copy of the Project Manager's written decision, for his or her consideration within seven (7) calendar days after receipt of the protest-related documents. The General Manager shall make his or her determination with respect to each protest filed with the Project Manager within ten (10) calendar days after receipt of the protest-related documents. If Contractor is not satisfied with any such resolution by the General Manager, they may file a written request for arbitration with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of arbitration, the parties to this contract agree that there shall be a single neutral Arbitrator who shall be selected in the following manner:
 - a. The Demand for Arbitration shall include a list of five names of persons acceptable to the Contractor to be appointed as Arbitrator. The Agency shall determine if any of the names submitted by Contractor are acceptable and, if so, such person will be designated as Arbitrator.
 - b. In the event that none of the names submitted by Contractor are acceptable to Agency, or if for any reason the Arbitrator selected in Step (a) is unable to serve, the Agency shall submit to Contractor a list of five names of persons acceptable to Agency for appointment as Arbitrator. The Contractor shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
 - c. If after Steps (a) and (b), the parties are unable to mutually agree upon a neutral Arbitrator, the matter of selection of an Arbitrator shall be submitted to the San Bernardino County Superior Court pursuant to Code of Civil Procedure Section 1281.6, or its successor. The costs of arbitration, including but not limited to reasonable attorneys' fees, shall be recoverable by the party prevailing in the arbitration. If this arbitration is appealed to a court pursuant to the procedure under California Code of Civil Procedure Section 1294, et seq., or their successor, the costs of arbitration shall also include court costs associated with such appeals, including but not limited to reasonable attorneys' fees which shall be recoverable by the prevailing party.
4. Association in Mediation/Arbitration: The Agency may join the Contractor in mediation or arbitration commenced by a contractor on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such association shall be initiated by written notice from the Agency's representative to the Contractor.
- L. Workers' Legal Status: For performance against this Contract, Contractor shall only utilize employees and/or subcontractors that are authorized to work in the United States pursuant to the Immigration Reform and Control Act of 1986.
- M. Prevailing Wage Requirements: Pursuant to Section 1770 and following, of the California Labor Code, the Contractor shall not pay less than the general prevailing wage rates, as determined by the Director of the State

of California Department of Industrial Relations for the locality in which the work is to be performed and for each craft or type of worker needed to execute the work contemplated under the Contract. The Contractor or any subcontractor performing part of said work shall strictly adhere to all provisions of the Labor Code, including, but not limited to, minimum wages, work days, nondiscrimination, apprentices, maintenance and availability of accurate payroll records and any other matters required under all Federal, State and local laws related to labor.

N. Contractor shall provide with their invoice certified payroll verifying that Contractor has paid prevailing wage requirements as stipulated in SB-854 (<http://www.dir.ca.gov/DIRNews/2014/2014-55.pdf>).

11. OWNERSHIP OF MATERIALS AND DOCUMENTS/CONFIDENTIALITY: The Agency retains ownership of any, and all, partial or complete reports, drawings, plans, notes, computations, lists, and/or other materials, documents, information, or data prepared by the Contractor and/or the Contractor's subcontractor(s) pertaining to this Contract. Said materials and documents are confidential and shall be available to the Agency from the moment of their preparation, and the Contractor shall deliver them to the Agency whenever requested to do so by the Project Manager and/or Agency representative. The Contractor agrees that all documents shall not be made available to any individual or organization, private or public, without the prior written consent of an Agency representative.

12. TITLE AND RISK OF LOSS:

A. Documentation: Title to the Documentation shall pass to the Agency when prepared; however, a copy may be retained by Contractor for its records and internal use. Contractor shall retain such Documentation in a controlled access file, and shall not reveal, display, or disclose the contents of the Documentation to others without the prior written authorization of the Agency or for the performance of Work related to the Scope of Work described in this Contract.

B. Material: Title to all Material, field or research equipment, and laboratory models, procured or fabricated under the Contract shall pass to the Agency when procured or fabricated, and such title shall be free and clear of any and all encumbrances. Contractor shall have risk of loss of any Material or Agency-owned equipment of which it has custody.

C. Disposition: Contractor shall dispose of items to which the Agency has title as directed, in writing, by the Project Manager and/or an Agency representative.

13. PROPRIETARY RIGHTS:

A. Rights and Ownership: Agency's rights to inventions, discoveries, trade secrets, patents, copyrights, and other intellectual property, including the Information and Documentation, and revisions thereto (hereinafter collectively referred to as "Proprietary Rights"), used or developed by Contractor in the performance of the Work, shall be governed by the following provisions:

1. Proprietary Rights conceived, developed, or reduced to practice by Contractor in the performance of the Work shall be the property of Agency, and Contractor shall cooperate with all appropriate requests to assign and transfer same to Agency.
2. If Proprietary Rights conceived, developed, or reduced to practice by Contractor prior to the performance of the Work are used in and become integral with the Work, or are necessary for Agency to have complete control of the Work, Contractor shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete control of the Work, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and grant sublicenses to others with respect to the Work.
3. If the Work includes the Proprietary Rights of others, Contractor shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete control of the Work, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy, or dispose of any or all of the Work; and to grant sublicenses to others with respect to the Work. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.

14. NOTICES: Any notice may be served upon either party by delivering it in person, or by depositing it in a United States Mail deposit box with the postage thereon fully prepaid, and addressed to the party at the address set forth below:

Agency: Warren T. Green
Manager of Contracts and Procurement
Inland Empire Utilities Agency
P.O. Box 9020
Chino Hills, CA 91709

Contractor: Ante Marijanovic
Tony Painting
7291 Garden Grove Blvd
Garden Grove, CA 92841

Any notice given pursuant to this section shall be deemed effective in the case of personal delivery, upon receipt thereof, or, in the case of mailing, at the moment of deposit in the course of transmission through the United States Postal Service.

15. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall take effect to the benefit of and be binding upon the Agency, the Contractor, and their respective successors and assigns. No assignment of the duties or benefits of the Contractor under this Contract may be assigned, transferred, or otherwise disposed of, without the prior written consent of the Agency; and any such purported or attempted assignment, transfer, or disposal without the prior written consent of the Agency shall be null, void, and of no legal effect whatsoever.
16. PUBLIC RECORDS POLICY: Information made available to the Agency may be subject to the California Public Records Act (Government Code Section 6250 et seq.) The Agency's use and disclosure of its records are governed by this Act. The Agency shall use its best efforts to notify Contractor of any requests for disclosure of any documents pertaining to this work. In the event of litigation concerning disclosure of information Contractor considers exempt from disclosure; (e.g., Trade Secret, Confidential, or Proprietary) Agency shall act as a stakeholder only, holding the information until otherwise ordered by a court or other legal process. If Agency is required to defend an action arising out of a Public Records Act request for any of the information Contractor has marked "Confidential," "Proprietary," or "Trade Secret," Contractor shall defend and indemnify Agency from all liability, damages, costs, and expenses, in any action or proceeding arising under the Public Records Act.
17. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Contractor's records related to the Work. The option to review and/or audit may be exercised during the term of the Contract, upon termination, upon completion of the Contract, or at any time thereafter up to twelve (12) months after final payment has been made to the Contractor. The Contractor shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.
18. INTEGRATION: The Contract Documents represent the entire Contract made and entered into by and between the Agency and the Contractor as to those matters contained in this contract. No prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents. This Contract may not be modified, altered, or amended except by written mutual agreement by the Agency and the Contractor.
19. GOVERNING LAW: This Contract is to be governed by and constructed in accordance with the laws of the State of California, in the County of San Bernardino.

20. **TERMINATION FOR CONVENIENCE:** The Agency reserves and has the right to immediately suspend, cancel or terminate this Contract at any time upon written notice to the Contractor. In the event of such termination, the Agency shall pay Contractor for all authorized and Contractor-invoiced services up to the date of such termination, as approved by the Project Manager.
21. **FORCE MAJEURE:** Neither party shall hold the other responsible for the effects of acts occurring beyond their control; e.g., war, riots, strikes, natural disasters, etcetera.
22. **NOTICE TO PROCEED:** No services shall be performed or provided under this Contract unless and until this document has been properly signed by all responsible parties and a notice to proceed has been issued to the Contractor by the Project Manager.
23. **AUTHORITY TO EXECUTE CONTRACT:** The Signatories, below, each represent, warrant, and covenant that they have the full authority and right to enter into this Contract on behalf of the separate entities shown below.
24. **DELIVERY OF DOCUMENTS:** The Parties to this Contract and the individuals named to facilitate the realization of its intent, with the execution of the Contract, authorize the delivery of documents via facsimile, via email, and via portable document format (PDF) and covenant agreement to be bound by such electronic versions.

The parties hereto have caused the Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
**A MUNICIPAL WATER DISTRICT*

TONY PAINTING, INC:

 P. Joesph Grindstaff
 General Manager

(Date)

 Ante Marijanovic
 President/CEO

7/31/17
 (Date)

EXHIBIT A

**SECTION 3 - FORMS
SUMMARY FEE SCHEDULE "A"**

Each Offeror shall attach their fully completed fee schedule, identifying and including all worker crafts, classifications, as well as any associated administrative (office) fees. All proposed prices shall be stated in terms of a net price to the Agency.

A. **FEE INCLUSION STATEMENT:** Offerors shall fully complete this Fee Schedule and return it with their proposal. All proposed fees will be stated as a Firm Fixed Price (FFP), whereas the FFP Price shall represent the total and final cost to the Agency for providing professional quality services listed. The Firm Fixed Price shall include all proposed costs associated with all labor, equipment, transportation, overhead, profit, insurance, taxes, fees, incidentals, and any/all other related costs necessary to supply the services required.

B. **PROPOSED FEES FOR PAINTING PERSONNEL SERVICES:**

Labor: \$ 175,800 —

Materials: \$ 117,200 —

Total Firm Fixed Price: \$ 293,000 —

Total Firm Fixed Price (in Words): TWO HUNDRED NINETY THREE
THOUSAND DOLLARS.

(This space intentionally left blank.)

J.

C. Each Offeror shall indicate the availability and the magnitude of any discount related to expedited payment of any or all invoices.


Expedited Payment Discount, if any (to be considered as part of this proposal):

1. i.e., if Net 20, then ~~0~~ % discount
2. i.e., if Net 15, then ~~0~~ % discount
3. i.e., if Net 10, then ~~0~~ % discount
4. i.e., if Net ____, then ~~0~~ % discount

(This space intentionally left blank.)



D. **PROPOSAL SIGNATURE:** THE UNDERSIGNED AGREES, IF THIS PROPOSAL IS ACCEPTED BY THE AGENCY WITHIN 90 CALENDAR DAYS AFTER THE DATE OF THE PROPOSAL CLOSING, TO SUPPLY SERVICES AS SPECIFIED IN STRICT ACCORDANCE WITH THE REQUEST FOR PROPOSAL SPECIFICATIONS.

 _____ Signature	<u>TONY PAINTING</u> _____ Printed Company Name
<u>ANTE MARJANOVIC</u> _____ Printed Name	<u>7-14-17</u> _____ Date
<u>PRESIDENT. CEO</u> _____ Title	

(This space intentionally left blank.)



7291 Garden Grove Blvd. Ste. A
Garden Grove, Ca. 92841
E-mail: tonyspaintingsb@yahoo.com

License # 320164
Phone: (714) 899-5303
Fax: (714) 899-5305

July 20, 2017

Inland Empire Utilities Agency

ATTN: Shaneka Morris

MATERIAL LINE ITEM BREAKDOWN:

1. Fuel - \$ 2,200.00
2. High Solids Polyurethane Paint – \$ 52,000.00
3. Macropoxy Undercoat Primer - \$32,000.00
4. Rental Equipment - \$ 15,000.00
5. Sand Blast Materials - \$5,000.00
6. Sundries and Thinners - \$3,000.00
7. Regular Paints - \$4,000.00
8. Regular Primers - \$4,000.00

Total: \$117,200.00

Respectfully Submitted,

Ante I. Marijanovic
Tony Painting

**TECHNICAL SPECIFICATIONS
ATMOSPHERIC SERVICE PAINT REPAIRS
REGIONAL WATER RECYCLING PLANT NO. 5 (RP5)
INLAND EMPIRE UTILITIES AGENCY
MAY 2017**

A handwritten signature in blue ink, consisting of a large, stylized initial 'A' followed by a smaller, less distinct mark.

**TECHNICAL SPECIFICATIONS
ATMOSPHERIC SERVICE PAINT REPAIRS
REGIONAL WATER RECYCLING PLANT NO. 5 (RP5)
INLAND EMPIRE UTILITIES AGENCY**

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**TECHNICAL SPECIFICATIONS
ATMOSPHERIC SERVICE PAINT REPAIRS
REGIONAL WATER RECYCLING PLANT NO. 5 (RP5)
INLAND EMPIRE UTILITIES AGENCY**

PART 1.0 - GENERAL

1.01 PURPOSE

- A. The purpose of this specification is to establish the requirements for the paint repair of various exterior surfaces located with the Regional Water Recycling Plant No. 5 (RP5) of the Inland Empire Utilities Agency, CA.

1.02 SCOPE OF WORK

- A. Provide and pay for all labor, equipment, materials, machinery, facilities, and services necessary to complete the work in accordance with these specifications.
- B. The work includes the surface preparation and application of protective coatings to all specified surfaces of the RP5, including all attachments, appurtenances, and accessories. The work includes all costs for the proper removal and disposal of all waste generated on the project.
- C. The work to be accomplished includes the removal and replacement of the existing paint by abrasive blast cleanings on all valve covers, including above grade, exposed valve cover casings.
- D. The work to be accomplished includes the spot repair and overcoating of various surfaces throughout RP5. RP5 has different painted substrates that include steel, fiberglass, PVC, and ductile iron. The specific items to be painted are detailed in the document "RP5 Facility Wide Painting Project."
- E. The finish coat color of the newly painted items is a specific focus of this project. The finish coat colors shall match the Agency System Color Code, as defined herein.
- F. The work to be accomplished includes the removal and replacement of any stenciling or labels that may be noted on the various items to be painted.



1.03 BACKGROUND

- A. The Regional Water Recycling Plant No.5 (RP5) is located at 6063 Kimball Avenue Chino, CA 91708 and has been in operation since 2004. RP5 is divided into eight different zones. Some components within these zones are to be painted. The zones are defined as:
1. Zone 1 - HQ-B Parking Lot, RP5 East Gate Entrance, Power Center 1, Headworks, Bar Rake, Ferric station, Influent Pump Station, Bypass, Grit Removal, Grit Classifier, and Grit Pump Galley.
 2. Zone 2 - Primary Clarifiers, Sludge Pump Gallery, Biofilter Blowers, Splitter Box, and Scum Wet Well.
 3. Zone 3 - Aeration Basin, Biofilter, Power Station 2 (Includes 2 Compressors & 2 Blowers), and Storage Shed.
 4. Zone 4 - Secondary Clarifiers, RAS/WAS Pump Gallery, Chemical Storage & Pumps (SBS, CL2, & Alum), and Cooling Water For The Co-Gen.
 5. Zone 5 - Tertiary Filters, Contact Basin, Dechlor Building, Outfall Pipe Gallery, Power Station 3, Generator Building, and Chemical C Container.
 6. Zone 6 - Emergency Storage Basin, Emergency Storage Basin Discharge Pumps, and Water Canons.
 7. Zone 7 - REEP, Methane Tank, Chiller, Storage Area, and Boneyard.
 8. Zone 8 - Solar Panels and Solar Panel Power Cabinets.
- B. The specific items to be painted are depicted in "RP5 Facility Wide Painting Project." Generally, the items to be painted within the above zones include pumps, piping, piping components, pipe supports, electrical cabinets, bollards, sheds, hydrants, standpipes, filters, blowers, meters, meter covers, underground valve covers, tanks, mixers, hoists, water cannons and the East Clarifier and the West Clarifier.
- C. Generally speaking, the majority of the items to be painted generally have an existing paint system that is lightly chalked with localized spot defects. The conditions that are present range from poor and excellent with the



existing paints in the worst condition being the covers to underground valves.

- D. RP5 has been in operation since 2004. As a result, the paint systems have not been analyzed for heavy metals, and it is anticipated that the existing exterior paint systems have non-detectible to relatively low levels of heavy metals (e.g. lead, cadmium, and/or chromium). The contractor shall conduct his own tests to assure that all work to be performed will be in strict accordance with all local, state and federal health, safety and environmental regulations. The Contractor is responsible to conduct appropriate testing of their own and comply with local, state and federal health, safety and environmental regulations - including waste removal.

1.04 REFERENCE SPECIFICATIONS AND STANDARDS

- A. Without limiting the general aspects or other requirements of this specification, work and equipment shall conform to applicable requirements of municipal, state and federal codes, laws and ordinances governing the work, SSPC: The Society of Protective Coatings, and the manufacturer's printed instructions, subject to Engineer's approval.
- B. The Engineer's decision shall be final as to interpretation and/or conflict between any of the referenced codes, laws, ordinances, specifications and standards contained herein.
- C. The latest edition of standards and regulations herein form a part of this specification.
- D. American Society for Testing and Materials (ASTM)
 - 1. ASTM D4138, Standard Test Method for Measurement of Dry Paint Thickness of Protective Coating Systems by Destructive Means
 - 2. ASTM D4285, Standard Test Method for Indicating Oil or Water in Compressed Air
 - 3. ASTM D4414, Standard Practice for Measurement of Wet Film Thickness by Notch Gages
 - 4. ASTM D4417, Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel
 - 5. ASTM D7091, Standard Test Method for Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals



6. ASTM E337, Standard Test Method for Measuring Humidity with a Psychrometer

E. Code of Federal Regulations (CFR)

1. 29 CFR 1910, Occupational Safety and Health Regulations for General Industry
2. 29 CFR 1926, Occupational Safety and Health Regulations for the Construction Industry
3. Health and Safety Code, Div. 20, Chapter 6.5, 6.67, 6.7, 6.95, Hazardous Waste Control Law, Health and Safety Code
4. 40 CFR 263, Standards Applicable to Transporters of Hazardous Waste
5. 40 CFR 264, Standards for Agencies and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.
6. 40 CFR 265, Interim Status Standards for Agencies and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.
7. 40 CFR 268, Land Disposal Restrictions
8. 40 CFR 302, Designation, Reportable Quantities and Notification
9. 49 CFR 171-179, Hazardous Materials Regulations

F. International Standard Organization (ISO)

1. ISO 8502-3, Preparation of Steel Substrates before Application of Paints and Related Products

G. SSPC: Society for Protective Coatings (SSPC)

1. SSPC-AB1, Mineral and Slag Abrasive
2. SSPC-SP 1, Solvent Cleaning
3. SSPC-SP 2/3, Hand/Power Tool Cleaning
4. SSPC-SP 6, Commercial Blast Cleaning
5. SSPC-SP 15, Power Tool Cleaning to Commercial Grade



Cleanliness

6. Guide 6, Guide for Containing Debris Generated During Paint Removal Operations
 7. SSPC-PA 2, Measurement of Dry Film Thickness with Magnetic Gages
 8. SSPC-VIS 1, Visual Standard for Abrasive Blast Cleaned Steel
 9. SSPC-VIS 3, Visual Standard for Hand and Power Tool Cleaned Steel
 10. SSPC Publication No. 91-12, Coating and Lining Inspection Manual
 11. SSPC-SSPC Visual Comparison Manual
- H. California Code of Regulations (CCR)
- I. General Industry Safety Orders (GISO)
- J. Construction Safety Orders (CSO)
- K. EPA Methods
1. SW 846, Test Methods for Evaluating Solid Waste - Physical/Chemical Methods
 2. Method 1311, Toxicity Characteristic Leaching Procedure (TCLP)
 3. Method 3050, Acid Digestion of Sediment, Sludge, and Soils
- L. Equipment and Coating Manufacturers' Published Instructions.

1.05 SUBMITTALS

- A. The successful Contractor must submit the following plans and programs for Engineer review and acceptance a minimum of 14 days prior to project start-up, and 7 days prior to the Pre-Job Conference.
1. The Contractor shall submit Manufacturers' Product Data Sheets and Material Safety Data Sheets on all materials to be used including, but not limited to coatings, thinners, solvents, inhibitors, and abrasive media.
- B. Acceptance of the submittal does not relieve the Contractor from the



responsibility to conduct the work in strict accordance with the requirements of this Specification, or to adequately protect the environment, health and safety of all workers involved in the project including any members of the public who may be affected by the project.

- C. Contractor shall maintain copies of submittal data at the jobsite at all times, and shall furnish a complete set of submittal data for use by the Inspector.

1.06 CONTRACTOR

- A. The contractor shall be a licensed Painting and Decorating Contractor in the State of California (C-33 Classification). They shall have a minimum of five (5) years practical experience and successful history in the application of specified products to surfaces within industrial facilities. Upon request, they shall substantiate this requirement by furnishing a written list of references.
- B. All coating and surface preparation work shall be performed by skilled personnel demonstrating experience, as listed above. Resumes of personnel shall be submitted to the Agency for approval, if requested. Continuity of personnel shall be maintained throughout the duration of the cleaning and coating work and any changes in key personnel shall be subject to the approval of the Agency.

1.07 DEFINITIONS

- A. "Paint" refers to protective materials used or applied on exterior surfaces. "Coating" refers to protective materials used or applied on exterior or interior surfaces, or any protective material in general.
- B. "Engineer" refers to the Agency or his designated representative.
- C. "Factory Finished" refers to metal surfaces on storage sheds, corrugated metals, or other surfaces that and do not have a conventional paint system.

1.08 HOURS OF WORK

- A. Work areas will be available for performance of the contract work between 6:00 A.M. and 4:30 P.M. excluding Saturdays, Sundays and holidays. No work shall be accomplished during hours or on days other than specified above, unless approved in advance by the Agency.
- B. Inspections requested by or made necessary as a result of actions of the Contractor on Saturdays, Sundays or holidays must be scheduled and



requirements set forth by regulatory agencies applicable to the construction industry and manufacturer's printed instructions and appropriate technical bulletins and manuals. The Contractor shall provide and require use of personal protective life saving equipment for all persons working in or about the project site.

- B. **Access Facilities:** all ladders, scaffolding and rigging shall be designed for their intended uses. Ladders and scaffolding shall be erected where requested by Engineer to facilitate inspection and be moved by the Contractor to locations requested by the Engineer.
- C. **Head and Face Protection and Respiratory Devices:** equipment shall include protective helmets, which shall be worn by all persons while in the vicinity of the work. During abrasive blasting operations, nozzle-men shall wear U.S. Bureau of Mines approved air-supplied helmets and all other persons who are exposed to blasting dust shall wear approved filter-type respirators and safety goggles. When coatings are applied in confined areas all persons exposed to toxic vapors shall wear approved respiratory protection.
- D. **Grounding:** blasting, spray and air hoses shall be grounded to prevent accumulation of charges of static electricity.
- G. **Toxicity and Explosiveness:** the solvents used with specified protective coatings are explosive at low concentrations and are highly toxic. The maximum allowable concentration of vapor shall be kept below the maximum safe concentration for eight-hour exposure, plus Lower Explosive Limit must be strictly adhered to. If paints contain lead or other hazardous materials, all regulations related to safety of personnel and handling of such materials shall be strictly adhered to.
- H. **Protective Clothing:** coating and paint materials may be irritating to the skin and eyes. When handling and mixing coatings and paints workmen shall wear appropriate covering gloves and eye shields.
- I. **Fire:** during mixing and application of coatings and paints, all flames, welding and smoking shall be prohibited in the vicinity. Appropriate type fire extinguishers shall be provided by Contractor and kept at the jobsite during all operations.
- J. **Sound Levels:** whenever the occupational noise exposure exceeds the maximum allowable sound levels, the Contractor shall provide and require the use of approved ear protective devices. General sound levels for project shall be those that will not affect routine facility or neighborhood activities. Whenever any levels are objectionable, they shall be adjusted as directed by the Engineer. Adjustments to noise levels required may include the relocation of equipment or the installation of a sound barrier,



as required by the Engineer.

- K. Compliance with California Code of Regulations: Contractor shall submit a notarized letter signed by a principal officer of the Corporation certifying the Contractor fully complies with California Code of Regulations pertaining to the work including, but not limited to, the following:

1.	Illness Injury Prevention Program	CSO/GISO	1508/3203
2.	Confined Space Plan	GISO	5156/5159
3.	Respiratory	CSO/GISO	1531/5144
4.	Hazard Communication	GISO	5194
5.	Rolling Scaffolds	CSO	1646
6.	Employee Safety Instruction	CSO	1510
7.	Emergency Medical Service	CSO	5112
8.	Dusts, Fumes, Mists, Vapors & Gases	CSO	1528

- L. Protective Coverings and Containment: the Contractor shall provide all protective coverings needed to protect those surfaces that are not designated to be prepared or painted.

1.12 WARRANTY

- A. Warranty Inspection: warranty inspection shall be conducted between the eleventh and seventeenth months following acceptance of all painting work. All personnel present at the Pre-Job Conference should be present at this inspection. All defective work shall be repaired in strict accordance with this specification and to the satisfaction of the Engineer.
1. Notification: The Agency shall establish the date for the inspection and shall notify the Contractor at least 30 days in advance.
 2. Inspection: all surfaces of the coating systems shall be visually inspected. All defective coatings, as well as damage or rusting spots, shall be satisfactorily repaired by and at the sole expense of the Contractor. Defective coating shall be any of those defined by SSPC's Visual Comparison Manual.
 3. Inspection Report: the Engineer shall prepare and deliver to the Contractor an inspection report covering the warranty inspection. The report shall set forth the number and type of failures observed, the percentage of the surface area where failure has occurred, and the names of the persons making the inspection.
 4. Schedule: upon completion of the inspection and receipt of Inspection Report as noted herein, Agency shall establish a date for Contractor to proceed with remedial work, if work is required. Any



delay on part of the Contractor to meet schedule established by Agency shall constitute breach of this Contract and Agency may proceed to have defects remedied through other means, and these costs may be charged to the Contractor.

5. Remedial Work: any location where new paint is defined as defective shall be considered to be a failure of the system at that location. The Contractor shall make repairs at all points where failures are observed by removing the deteriorated coating, cleaning the surface, and repainting with the same system specified herein. Any spot repairs to defective areas will require feathering at least 3 inches into sound adjacent coating. If an area of failure exceeds 25 percent of a specific coated surface, the entire coating system from that specific item may be required to be removed and recoated in accordance with the original specification.

2.0 MATERIALS

2.01 GENERAL

- A. Materials specified are those which have been evaluated for the specific service. Products are listed to establish a standard of quality. Standard products of manufacturers other than those specified will be accepted when proven to the satisfaction of the Engineer they are equal in composition, durability, usefulness and convenience for the purpose intended. Substitutions will be considered provided the following minimum conditions are met:
 1. The proposed paint system shall have a dry film thickness equal to or greater than that of the specified system.
 2. The proposed paint system shall employ an equal or greater number of separate coats.
 3. The proposed paint system shall employ coatings or paints of the same generic type.
 4. All requests for substitution shall carry full descriptive literature and directions for application, along with complete information on generic type, non-volatile content by volume and a list of 10 similar projects, all at least three years old, where the coatings or paints have been applied to similar exposure. Substitutions shall be endorsed in writing from the materials manufacturer that these substituted materials will provide equivalent performance as those specified.



5. If the above mentioned data appears to be in order, the Engineer may require that the Contractor provide certified laboratory data sheets showing the results of complete spectrographic and durability tests accomplished on the proposed substitute. An independent testing laboratory satisfactory to the Engineer shall accomplish tests and all costs incurred in the testing program shall be borne by the Contractor. In any case, the Engineer shall be sole and final judge of the acceptability of any proposed substitution. Requests for substitution must be approved in writing.
- B. All materials shall be brought to the jobsite in the original sealed containers. They shall not be opened or used until Engineer has physically inspected contents and obtained necessary data from information printed on containers or labels. Materials exceeding storage life recommended by the manufacturer shall be rejected.
- C. Flammability, toxicity, allergenic properties, and any other characteristic requiring field precautions shall be identified and specific safety practices shall be stipulated.
- D. All paint materials shall be stored in enclosed structures to protect them from weather and excessive heat or cold. Flammable paints must be stored to conform with local, county, state and federal safety codes for flammable coating and paint materials. At all time coatings and paint shall be protected from freezing.
- E. Contractor shall use products of the same manufacturer for all coats.

2.02 PAINT MATERIALS

- A. **Metal Substrates:** Paint materials shall consist of an epoxy/urethane system and conform to the regulations and applicable requirements of applicable local, state and federal air pollution regulatory agencies.
- B. **Factory-Finished Metals, Polyvinyl Chloride (PVC), or Fiberglass:** Paint materials shall consist of an acrylic emulsion primer and an acrylic or urethane finish coat system and conform to the regulations and applicable requirements of applicable local, state and federal air pollution regulatory agencies.



3.0 EXECUTION

3.01 GENERAL

- A. All surface preparation, coating and paint application shall conform to applicable standards of SSPC and the manufacturer's printed instructions. Material applied prior to approval of the surface by the Engineer shall be removed and reapplied to the satisfaction of the Engineer at the expense of the Contractor.
- B. All work shall be performed by skilled craftsmen qualified to accomplish the required work in a manner comparable with the best standards of practice. Continuity of personnel shall be maintained and transfer of key personnel shall be coordinated with the Engineer.
- C. The Contractor shall provide a supervisor to be at the work site during cleaning, application and disinfection operations. The supervisor shall have the authority to sign any change orders, coordinate work and make other decisions pertaining to the fulfillment of their contract.
- D. Contractor shall provide approved sanitary facilities for all project personnel, as no existing facilities will be available to the Contractor. Facilities shall be maintained during the project to complete standards established by Agency, and shall be removed prior to Contractor's departure from the site at completion of the project.
- E. The Agency shall designate a defined location on the site for the contractor's staging and storage activities. All equipment and supplies shall be stored at this location when not being used.
- F. Dust, dirt, oil, grease or any foreign matter which will affect the adhesion or durability of the finish must be removed by washing with clean rags dipped in an approved commercial cleaning solvent, rinsed with clean water and wiped dry with clean rags.
- G. The Contractor's painting equipment shall be designed for application of materials specified and shall be maintained in first class working condition. Compressors shall have suitable traps and filters to remove water and oils from the air. Blotter test shall be accomplished at each start-up period and as deemed necessary by the Engineer. Contractor's equipment shall be subject to approval of the Engineer.
 - 1. Cleanliness of compressed air that will be affect the quality of the paint or prepared surfaces shall be verified daily, and as deemed necessary by Engineer, by directing a stream of air, without abrasive, from the blast nozzle onto a white blotter or cloth for



twenty seconds in accordance with ASTM D4285. If air contamination is evident, change filters, clean traps, add moisture separators or filters, or make adjustments as necessary to achieve clean, dry air.

- G. Application of the first coat shall follow immediately after surface preparation and cleaning within an eight-hour working day. Any cleaned areas not receiving first coat within an eight-hour period shall be recleaned prior to application of first coat.
- H. Because of the presence of moisture and possible contaminants in the working atmosphere, care shall be taken to ensure previously painted surfaces are protected or recleaned prior to application of subsequent coat(s). The Engineer shall approve methods of protection and recleaning.
 - 1. The project is subject to intermittent shutdown if, in the opinion of the Engineer, cleaning, coating and painting operations are creating a localized condition detrimental to ongoing facility activities, personnel, or adjacent property.
 - 2. In the event of emergency shutdown by the Engineer, Contractor shall immediately correct deficiencies. All additional costs created by shutdown shall be borne by Contractor.
- I. The Contractor shall provide, at his own expense, all necessary power for his operations under the contract.

3.02 SURFACE PREPARATION, GENERAL

- A. The latest revision of the following surface preparation specifications of SSPC shall form a part of this specification. (Note: An element of surface area is defined as any given 9 square inches of surface).
 - 1. Solvent Cleaning (SSPC-SP1): Removal of oil, grease, soil and other contaminants by use of solvents, emulsions, cleaning compounds, steam cleaning or similar materials and methods, which involve a solvent or cleaning action.
 - 2. Commercial Blast Cleaning (SSPC-SP6): Blast cleaning to a commercial cleanliness, until at least sixty-six percent of each element of surface area is free of all visible residues.
 - 3. Powertool Cleaning to Commercial Grade Cleanliness (SSPC-SP15): Powertool cleaning to commercial cleanliness, until at least sixty-six percent of each element of surface area is free of all visible residues.



4. Waterjet Cleaning of Metals (SSPC-SP-WJ4): High pressure water cleaning (HPWC, 5000 psi) to produce a WJ-4 degree of cleaning - A WJ-4 surface shall be cleaned to a finish which, when viewed without magnification, is free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose coating. Any residual material shall be tightly adherent.
- B. Active exterior rust sites shall be powertool cleaned to commercial grade in accordance with SSPC-SP15 to provide a minimum surface profile of 1.5 mil (.0015"). All spot repair areas shall be feathered into sound coating a minimum of 3 inches in each direction so that no edges can be identified/probed with a dull putty knife.
 - C. Active loose or flaky paint shall be hand or power tool cleaned in accordance with SSPC-SP2/SP3. All breaks in the paint system shall be feathered into sound coating a minimum of 3 inches in each direction so that no edges can be identified/probed with a dull putty knife.
 - D. All valve covers, including exposed valve casings shall be abrasively blast cleaned to "Commercial Blast Cleaning" in conformance to SSPC's - Surface Preparation Specification No. 6 (SSPC-SP6) and surface profile or anchor pattern of 2 to 3 mils (.002" - .003").
 - E. All factory finished surfaces, such as metal sheds or containers shall be pressure water cleaned in accordance with SSPC WJ-4, HPWC, (5000 psi). This work will include the scrubbing of all surfaces with a stiff bristle brush using a solution of trisodium phosphate (TSP). All surfaces shall be power sanded. All scrubbed surfaces shall then be fresh water rinsed. Special precautions and/or solvent wiping care shall be made around electrical equipment.
 - F. All existing painted surfaces to be overcoated shall be scarified by sanding to roughen the existing finish coat prior to overcoating. All remaining residue shall be removed by wiping with clean rags.
 - G. The surfaces of any bare non-carbon steel substrates, or specialty items (i.e. galvanized, anodized, etc.) shall be properly treated and prepared prior to any coating operations in accordance with the coating manufacturer's written recommendations, subject to approval of the engineer.

3.03 SURFACE PREPARATION, VALVE COVERS

- A. Abrasive blasting nozzles shall be equipped with "deadman" emergency shut-off nozzles. Blast nozzle pressure shall be a minimum of 95 P.S.I.



and shall be verified by using an approved nozzle pressure gage at each start-up period or as directed by the Engineer.

- B. All blast hose connections shall be connected with external couplings. These connections shall be taped with duct tape prior to pressurizing. All taped connections shall be visually inspected for leaks within five minutes after start of blast cleaning operations and at the end of blast cleaning operations. Leaking connections shall be immediately repaired to prevent further damage.
- C. Particle size of abrasives used in blast cleaning shall be that which will produce a surface profile or anchor pattern specified herein, or in accordance with recommendations of the manufacturer of the specified coating or paint system to be applied, subject to approval of Engineer.
- D. Abrasive used in blast cleaning operations shall be new, washed, graded and free of contaminants, which would interfere with adhesion of coatings and paints and shall not be reused unless specifically approved by the Engineer. Abrasives shall be certified for unconfined dry blasting pursuant to the California Administrative Code, Section 92520 of Subchapter 6, title 17, and shall appear on the current listing of approved abrasives.
- F. The Contractor shall keep the area of work in a clean condition and shall not permit blasting materials to accumulate as to constitute a nuisance or hazard to the prosecution of the work or the operation of the existing facilities. Spent abrasives and other debris shall be removed at the Contractor's expense as directed by the Engineer. If waste is determined to be hazardous, disposal by Contractor shall meet requirements of all regulatory agencies for handling such wastes.
- G. Blast cleaned surfaces shall be cleaned prior to the application of specified paints through a combination of blowing with clean dry air, brushing/brooming and/or vacuuming as directed by the Engineer. Air hose for blowing shall be at least 1/2" in diameter and shall be equipped with a shut-off device.

3.04 APPLICATION, GENERAL

- A. Paint application shall conform to the requirements of the SSPC's Paint Application Specification No. 1 (SSPC-PA1), latest revision, for "Shop, Field and Maintenance Painting," the manufacturer of the coating and paint materials printed literature, and as specified herein.
- B. Thinning shall only be permitted as recommended by the manufacturer and approved by the Engineer, and shall not exceed the limits set by applicable regulatory agencies.



1. If the Contractor applies any coatings which have been modified or thinned to such a degree as to cause them to exceed established maximum VOC levels, Contractor shall be responsible for any fines, costs, remedies, or legal action and costs which may result.
- C. Each application of paint shall be applied evenly with a uniform appearance. The system shall be free of brush marks, unfeathered edges, sags, runs, and evidence of poor workmanship, or any aesthetic defects, as defined by SSPC. Care should be exercised to avoid lapping on glass or hardware. Coating and paint shall be sharply cut to clean, defined lines. Finish surfaces shall be uniform in appearance and shall be free from defects or blemishes.
- D. Protective coverings or drop cloths shall be used to protect floors, concrete, fixtures, equipment, prepared surface and applied paints. Care shall be exercised to prevent paint from being spattered onto surfaces, which are not to be painted. Surfaces from which such material cannot be removed satisfactorily shall be replaced or repainted as required to produce a finish satisfactory to the Engineer.
- E. Coatings which has endured an excessive time element beyond manufacturer's recommended recoat cycle, shall be scarified using methods approved by the Engineer, prior to application of additional coating or paint. Scarified coating shall have sufficient depth to assure a mechanical bond of subsequent coat.
- F. All labels that are adhered to surfaces to be painted shall be removed prior to any paint application work. Following all paint work, new safety, warning, and/or operational labels shall be applied to the finished work. The Engineer shall determine, which labels require replacement.
- G. Unless otherwise directed by the Engineer, replace any stenciling that is coated over with newly applied paint. Use a black urethane coating and provide lettering of the same height as originally installed, or as approved by the Engineer.
- H. Existing label or stencil information may require new or different information. The Agency shall review and approve of all information on labeling or stenciling before their installation.
- I. All attachments, accessories, and appurtenances to be painted shall be prepared and finished in the same manner as specified for all surfaces.



3.05 APPLICATION, METAL SUBSTRATES (NON-FACTORY FINISHED)

- A. After completion of surface preparation as specified, all prepared surfaces shall receive the generic coatings specified under 2.02 "EXTERIOR PAINT MATERIALS." The systems shall include the following:
1. Tnemec Company
 - a. 2-4 mils Series L69 Epoxoline - Bare Metal Spot Prime Coat
 - b. 2-4 mils Series L69 Epoxoline - Full Prime Coat
 - c. 2-5 mils Endurashield Series 1095 - Finish coat
 - d. 7 mils (0.007") shall be the minimum dry film thickness of the completed new system on bare metal.
 2. Sherwin-Williams Company
 - a. 2-4 mils Macropoxy 646 100 - Bare Metal Spot Prime Coat
 - b. 2-4 mils Macropoxy 5000 - Full Prime Coat
 - c. 2-5 mils Hi Solids Polyurethane - Finish Coat
 - d. 7 mils (0.007") shall be the nominal dry film thickness of the completed system on bare metal.

3.06 APPLICATION, PAINTED PVC OR FIBERGLASS

- A. After completion of surface preparation as specified, all prepared surfaces shall receive the generic coatings specified under 2.02 "EXTERIOR PAINT MATERIALS." The systems shall include one of the following:
1. Tnemec Company
 - a. 2-3 mils Series 1029 Enduratone - Full Prime Coat
 - b. 2-3 mils Series 1095 Enduratone - Finish Coat
 - c. 5 mils (0.005") shall be the minimum dry film thickness of the completed new system.
 2. Sherwin-Williams Company
 - a. 2-4 mils DTM Bonding Primer - Full Prime Coat
 - b. 3-5 mils Hi Solids Polyurethane - Finish Coat
 - c. 6 mils (0.006") shall be the nominal dry film thickness of the completed system on bare metal.

3.07 APPLICATION, FACTORY FINISHED METAL

- A. After completion of surface preparation as specified, all prepared surfaces shall receive the generic coatings specified under 2.02 "EXTERIOR PAINT MATERIALS." The systems shall include one of the following:
1. Tnemec Company
 - a. 2-4 mils Series 115V Uni-Bond - Full Prime Coat



- b. 2-3 mils Series 1029 Enduratone - Intermediate Coat
 - c. 2-3 mils Series 1029 Enduratone - Finish Coat
 - d. 7 mils (0.007") shall be the minimum dry film thickness of the completed new system.
2. Sherwin-Williams Company
- d. 2-4 mils DTM Bonding Primer - Full Prime Coat
 - a. 2-4 mils Pro Industrial Acrolon 100
 - b. 2-4 mils Pro Industrial Acrolon 100
 - c. 7 mils (0.007") shall be the nominal dry film thickness of the completed system on bare metal.

3.08 FINISH COAT COLOR

- A. Color Scheme: the Agency has selected finish coat color(s) for the project. The Contractor shall submit a current chart or draw-downs of the manufacturer's available colors to the Agency's representative ten days prior to start of painting operations. The finish coat colors for each item to be painted are detailed in the "RP5 Facility Wide Painting Project." This document utilizes Rust-Oleum color codes for reference. The color codes are summarized below:

- 1. Safety Green - Rust-Oleum 2133838
- 2. Equipment Yellow - Rust-Oleum 2148838
- 3. Safety Purple - Rust-Oleum 2167838
- 4. Safety Blue - Rust-Oleum 2124838
- 5. Light Blue - Rust-Oleum 2123838
- 6. Safety Orange - Rust-Oleum 2155838
- 7. Tan - Rust-Oleum 2171838
- 8. Fluorescent Red - Rust-Oleum 2264838
- 9. Fluorescent Orange - Rust-Oleum 2255838
- 10. Bright Red - Rust-Oleum 2164838
- 11. Light Machine Gray - Rust-Oleum 2183838

- B. It will be the responsibility of the Contractor to obtain the minimum thickness and visual uniformity of each part of the system(s) above. More than one coat of the primer or finish coat may be required if the total thickness specified for each coat is not achieved or undercoat shadowing is apparent within the finish coat.

3.09 QUALITY CONTROL

- A. All coating components shall be mixed in exact proportions specified by the manufacturer. Care shall be exercised to insure all material is removed from containers during mixing and metering operations.



- B. All coatings shall be thoroughly mixed utilizing an approved slow-speed power mixer until all components are thoroughly combined and are of a smooth consistency. Catalyzed coatings shall not be applied beyond pot-life limits specified by manufacturer. Any required induction requirements shall be strictly followed.
- C. Thinners shall be added to coating materials only as required in accordance with manufacturer's printed literature and in the presence of the Engineer. Quantities of thinner shall not exceed limits set by applicable regulatory agencies.
- D. Application shall be by spray method except as otherwise specified, or approved by the Engineer. Drying time between coats shall be strictly observed as stated in the manufacturer's printed instructions.
- E. When two or more coats are specified, where possible, each coat shall be of contrasting color.
- F. Paint shall not be applied when wind speeds exceed fifteen miles per hour.
- G. Care shall be exercised during spray operations to hold the spray nozzle perpendicular and sufficiently close to surfaces being coated to avoid excessive evaporation of volatile constituents and loss of material into the air. All dryspray or overspray shall be removed as directed by Engineer and the area recoated.

3.10 CLEAN-UP

- A. Upon completion of the work, all staging, scaffolding and containers shall be removed from the site or destroyed in a manner approved by the Engineer. Paint spots upon adjacent surfaces shall be removed and the entire jobsite cleaned. All damage to surfaces resulting from the work of this section shall be cleaned, repaired, or refinished to the complete satisfaction of the Engineer at no cost to the Agency.

3.11 OMISSIONS

- A. Care has been taken to delineate herein those surfaces to be coated. However, if coating or painting requirements have been inadvertently omitted from this section or any other section of the specifications, it is intended that all metal surfaces, unless specifically exempted herein, shall receive a first-class protective coating or paint equal to that given the same type surface pursuant to these specifications.



**CONSENT
CALENDAR
ITEM**

1F



Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee

08/09/17

Executive Contact: Chris Berch, Executive Manager of Engineering/AGM

Subject: Declez Monitoring Well Construction Contract Award

Executive Summary:

The Declez Monitoring Well Project will construct a groundwater monitoring well down gradient of the Declez Basin for compliance with the Regional Water Quality Control Board Order No. R8-2007-0039 for the groundwater recharge of recycled water. The new monitoring well will be installed within the right-of-way of Riverside County Flood Control District in Jurupa Valley, California.

On June 21, 2017, IEUA posted an invitation for bids through PlanetBids. On July 11, 2017, IEUA received four bids from drilling companies. Yellow Jacket Drilling was determined the lowest responsive and responsible bidder in the amount of \$243,239.

Staff's Recommendation:

1. Award a construction contract for the Declez Monitoring Well, Project No. EN17067, to Yellow Jacket Drilling, in the amount of \$243,239; and
2. Authorize the General Manager to execute the construction contract.

Budget Impact: N *Budgeted (Y/N): Y* *Amendment (Y/N): N* *Requested Amount: \$ 243,239*

Account/Project Name:

Declez Monitoring Well Project

Fiscal Impact (explain if not budgeted):

N/A

Prior Board Action:

None

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 6 as defined in Section 15306 of the State CEQA Guidelines.

Business Goal:

The Declaz Monitoring Well Project is consistent with the IEUA's Business Goal of Water Reliability specifically the Groundwater Recharge objective that IEUA will maximize groundwater recharge projects in the region through strategic, cost-effective partnerships, and development.

Attachments:

Attachment 1 - Background

Attachment 2 - PowerPoint

Attachment 3 - Construction Contract

Background

Subject: Declez Monitoring Well Construction Contract Award

The Declez Monitoring Well Project will construct a groundwater monitoring well down gradient of the Declez Basin for compliance with the Regional Water Quality Control Board Order for the groundwater recharge of recycled water. The new monitoring well will be installed within the right-of-way of Riverside County Flood Control District in Jurupa Valley, California. The well will be sited along a channel in an industrial area, will be flush with the ground, and constructed at a depth of 365-feet. Thomas Harder and Company prepared the construction plans and will provide full inspection during construction to ensure compliance with the design.

On June 21, 2017, IEUA posted an invitation for bids to drilling contractors in PlanetBids. On June 28, 2017, five contractors participated in the job walk. On July 11, 2017, the following bids were received:

Bidder's Name	Total Price
Yellow Jacket Drilling	\$ 243,239
Cascade Drilling	\$ 254,930
Bakersfield Well & Pump	\$ 271,327
Layne Christensen Company	\$ 321,646
Engineer's Estimate	\$250,000

Yellow Jacket Drilling was the lowest responsive and responsible bidder with a bid price of \$243,239. Yellow Jacket has performed similar projects with other utilities and cities with good workmanship and responsiveness.

The following table is the anticipated project cost:

Description	Estimated Cost
Design Services	\$ 66,720
Design Contract (actual cost)	\$ 46,720
IEUA Design Services	\$ 20,000
Construction Services	\$ 38,041
Design Consultant Construction Services	\$ 30,000
IEUA Construction Services	\$ 8,041
Construction	\$ 255,239
Construction Contract	\$ 243,239
Contingency (~5%)	\$ 12,000
Total Project Cost:	\$360,000
Total Project Budget:	\$360,000

The following is the project schedule:

Project Milestone	Date
Construction Contract Award	August 2017
Construction Completion	December 2017

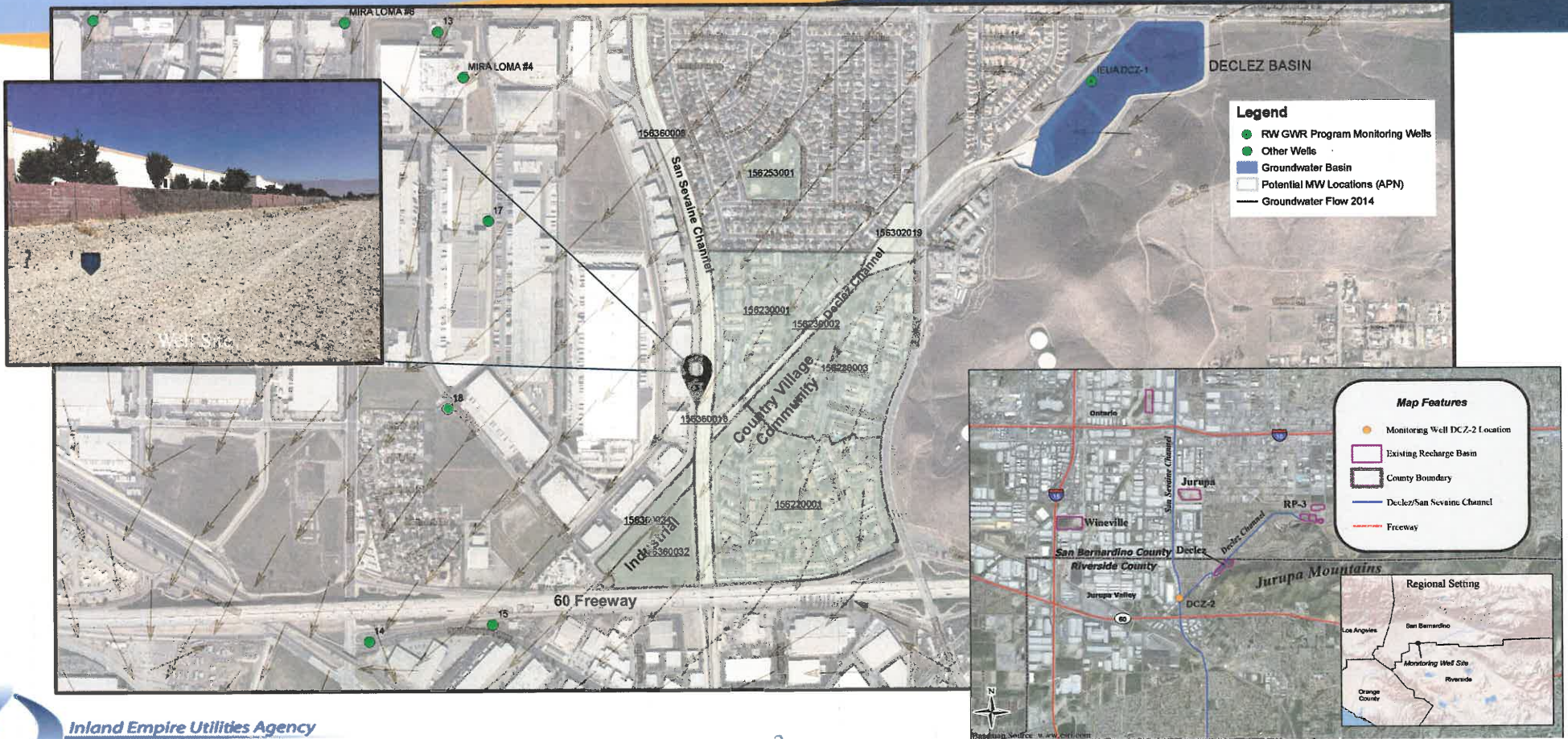
Fiscal Impact:

If approved, the construction contract for the Declez Monitoring Well, Project No. EN17067, in the amount of \$243,239, will be within the total project budget of \$360,000 in the Recycled Water (WC) Fund.

Declez Monitoring Well Construction Contract Award Project No. EN17067



Project Location



Project Background

- Continue to comply with regulatory requirements of recharging recycled water:
 - Santa Ana Regional Water Quality Control Board
 - State Department of Public Health



Past Construction of a Monitoring Well for San Sevaine Basin

Project Scope

- Construct additional Monitoring Well
 - Downgradient of the Declez Groundwater Recharge Basin



Declez Monitoring Well Project Location

Contractor Selection

- Four bids received on July 11, 2017:

Proposals Received

Bidder's Name	Total
Yellow Jacket Drilling	\$243,239
Cascade Drilling	\$254,930
Bakersfield Well and Pump	\$271,327
Layne Christensen Company	\$321,646
Engineer's Estimate	\$250,000

Project Budget and Schedule

Description	Estimated Cost
Design Services	\$ 66,720
Design Contract (actual cost)	\$ 46,720
IEUA Design Services	\$ 20,000
Construction Services	\$ 38,041
Design Consultant Construction Services	\$ 30,000
IEUA Construction Services	\$ 8,041
Construction	\$ 255,239
Construction Contract	\$ 243,239
Contingency (5%)	\$ 12,000
Total Project Cost	\$ 360,000
Total Project Budget	\$ 360,000

Project Milestone	Date
Construction Contract Award	August 2017
Construction Completion	December 2017

Recommendation

- Award a construction contract for the Declez Monitoring Well, Project No. EN17067, to Yellow Jacket Drilling, in the amount of \$243,239; and
- Authorize the General Manager to execute the construction contract.

The Declez Monitoring Well Project is consistent with the *IEUA's Business Goal of Water Reliability* specifically the Groundwater Recharge objective that IEUA will maximize groundwater recharge projects in the region through strategic, cost-effective partnerships, and development.

CONTRACT FOR EN17067 DECLEZ MONITORING WELL

THIS CONTRACT, made and entered into this ____ day of _____, 20____, by and between Yellow Jacket Drilling, hereinafter referred to as "Contractor," and The Inland Empire Utilities Agency, a Municipal Water District, located in San Bernardino County, California, hereinafter referred to as "Agency".

WITNESSETH:

That for and in consideration of the promises and agreements hereinafter made and exchanged, the Agency and the Contractor agree as follows:

1. Contractor agrees to perform and complete in a workmanlike manner, all work required under the bidding schedule of said Agency's specifications entitled SPECIFICATIONS FOR Declez Monitoring Well Project No.17067 in accordance with the specifications and drawings, and to furnish at their own expense, all labor, materials, equipment, tools, and services necessary, except such materials, equipment, and services as may be stipulated in said specifications to be furnished by said Agency, and to do everything required by this Contract and the said specifications and drawings.
2. For furnishing all said labor, materials, equipment, tools, and services, furnishing and removing all plant, temporary structures, tools and equipment, and doing everything required by this Contract and said specifications and drawings; also for all loss and damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen difficulties which may arise during the prosecution of the work until its acceptance by said Agency, and for all risks of every description connected with the work; also for all expenses resulting from the suspension or discontinuance of work, except as in the said specifications are expressly stipulated to be borne by said Agency; and for completing the work in accordance with the requirements of said specifications and drawings, said Agency will pay and said Contractor shall receive, in full compensation therefore, the price(s) set forth in this Contract.
3. That the Agency will pay the Contractor progress payments and the final payment, in accordance with the provisions of the contract documents, with warrants drawn on the appropriate fund or funds as required, at the prices bid in the Bidding and Contract Requirements, Section C - Bid Forms and accepted by the Agency, and set forth in this below.

Total Bid Price \$ 243,239.00 Dollars

Total Bid Price \$ Two Hundred Forty-three Thousand Thirty-nine Dollars

and Zero Cents.

If this is not a lump sum bid and the contract price is dependent upon the quantities constructed, the Agency will pay and said Contractor shall receive, in full compensation for the work the prices named in the Bidding and Contract Requirements, Section C – Bid Forms.

4. The Agency hereby employs the Contractor to perform the work according to the terms of this Contract for the above-mentioned price(s), and agrees to pay the same at the time, in the manner, and upon the conditions stipulated in the said specifications; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.
5. The Notice Inviting Bids, Instructions to Bidders, Bid Forms, Information Required of Bidder, Performance Bond, Payment Bond, Contractors License Declaration, Specifications, Drawings, all General Conditions and all Special Conditions, and all addenda issued by the Agency with respect to the foregoing prior to the opening of bids, are hereby incorporated in and made part of this Contract, as if fully set forth.
6. The Contractor agrees to commence work under this Contract on or before the date to be specified in a written "Notice To Proceed" and to complete said work to the satisfaction of the Agency seventy seven (77) calendar days after award of the Contract. All work shall be completed before final payment is made.
7. Time is of the essence on this Contract.
8. Contractor agrees that in case the work is not completed before or upon the expiration of the contract time, damage will be sustained by the Agency, and that it is and will be impracticable to determine the actual damage which the Agency will sustain in the event and by reason of such delay, and it is therefore agreed that the Contractor shall pay to the Agency the amount of two thousand two-hundred eighty (\$2,280) dollars for each day of delay, which shall be the period between the expiration of the contract time and the date of final acceptance by the Agency, as liquidated damages and not as a penalty. It is further agreed that the amount stipulated for liquidated damages per day of delay is a reasonable estimate of the damages that would be sustained by the Agency, and the Contractor agrees to pay such liquidated damages as herein provided. In case the liquidated damages are not paid, the Contractor agrees that the Agency may deduct the amount thereof from any money due or that may become due to the Contractor by progress payments or

otherwise under the Contract, or if said amount is not sufficient, recover the total amount.

In addition to the liquidated damages, which may be imposed if the Contractor fails to complete the work within the time agreed upon, the Agency may also deduct from any sums due or to become due the Contractor, liquidated damages in accordance with the Bidding and Contract Requirements, Section B - Instruction to Bidders, Part 5.0 "Liquidated Damages", for any violation of the General Conditions, Section D - Contractor's Responsibilities, Part 8, "Law and Regulations"; Bidding and Contract Requirements Contract Section D -Contract and Relevant Documents, Part 1.0, Paragraphs 9 through 11; General Conditions , Section D - Contractor's Responsibilities, Part 4.0, "Labor, Materials and Equipment"; General Conditions Section D - Contractor's Responsibilities, Part 12.0, "Safety and Protection" or General Conditions Section H - Legal Responsibilities, Part 8.0, "Disturbance of the Peace".

9. That the Contractor will pay, and will require subcontractors to pay, employees on the work a salary or wage at least equal to the prevailing salary or wage established for such work as set forth in the wage determinations and wage standards applicable to this work, contained in or referenced in the contract documents.
10. That, in accordance with Section 1775 of the California Labor Code, Contractor shall forfeit to the Agency, as a penalty, not more than Fifty (\$50.00) Dollars for each day, or portion thereof, for each worker paid, either by the Contractor or any subcontractor, less than the prevailing rates as determined by the Director of the California Department of Industrial Relations for the work.
11. That, except as provided in Section 1815 of the California Labor Code, in the performance of the work not more than eight (8) hours shall constitute a day's work, and not more than forty (40) hours shall constitute a week's work; that the Contractor shall not require more than eight (8) hours of labor in a day nor more than forty hours of labor in a week from any person employed by the Contractor or any subcontractor; that the Contractor shall conform to Division 2, Part 7, Chapter 1, Article 3 (Section 1810, et seq.) of the California Labor Code; and that the Contractor shall forfeit to the Agency, as a penalty, the sum of Twenty-Five (\$25.00) Dollars for each worker employed in the execution of the work by Contractor or any subcontractor for each day during which any worker is required or permitted to labor more than eight (8) hours in violation of said Article 3.
12. That the Contractor shall carry Workers' Compensation Insurance and require all subcontractors to carry Workers' Compensation Insurance as required by the California Labor Code.

13. That the Contractor shall have furnished, prior to execution of the Contract, two bonds approved by the Agency, one in the amount of one hundred (100) percent of the contract price, to guarantee the faithful performance of the work, and one in the amount of one hundred (100) percent of the contract price to guarantee payment of all claims for labor and materials furnished.
14. The Contractor hereby agrees to protect, defend, indemnify and hold the Agency and its employees, agents, officers, directors, servants and volunteers free and harmless from any and all liability, claims, judgments, costs and demands, including demands arising from injuries or death of persons (including employees of the Agency and the Contractor) and damage to property, arising directly or indirectly out of the obligation herein undertaken or out of the operations conducted by the Contractor, its employees agents, representatives or subcontractors under or in connection with this Contract.

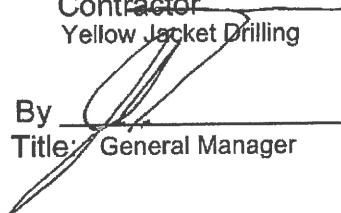
The Contractor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, demands or suit at the sole expense of the Contractor.

IN WITNESS WHEREOF, The Contractor and the General Manager of Inland Empire Utilities Agency*, thereunto duly authorized, have caused the names of said parties to be affixed hereto, each in duplicate, the day and year first above written.

Inland Empire Utilities Agency,*
San Bernardino County, California.

By _____
General Manager

Contractor
Yellow Jacket Drilling

By  _____ John Truax
Title: General Manager

*Municipal Water District

CONSENT
CALENDAR
ITEM

1G

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee

08/09/17

Executive Contact: Chris Berch, Executive Manager of Engineering/AGM

Subject: Upper Santa Ana River Integrated Model Cost Sharing Letter Agreement

Executive Summary:

The Upper Santa Ana River Integrated Model is a project led by the San Bernardino Valley Municipal Water District (Valley District) that will integrate surface flow and groundwater models along the Santa Ana River from Yucaipa to the Prado Dam. The project was developed in response to concerns from multiple agencies and stakeholders regarding the potential loss or degradation of habitat in the Santa Ana River resulting from decreased surface flows and/or groundwater levels. This project is an extension of the Upper Santa Ana River Habitat Conservation Plan (HCP) and will help determine what factors may be contributing to the decline in flows in the Santa Ana River, and provide a solid foundation for the biological effects analysis of HCP Covered Activities including the groundwater recharge projects listed in the 2013 Recharge Master Plan Update.

Partners for the development of the model include IEUA, San Bernardino Valley Municipal Water District, Orange County Water District, and Western Municipal Water District. Total project costs for modeling work and peer review are \$1,306,495. All costs of this project will be split equally by the funding agencies, for a 25% cost share not to exceed \$326,700 each.

Staff's Recommendation:

1. Approve the Upper Santa Ana River Integrated Model Cost Sharing Letter Agreement for the not-to-exceed amount of \$326,700; and
2. Authorize the General Manager to execute the letter agreement, subject to non-substantive changes.

Budget Impact: N *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Requested Amount:* \$ 326,700

Account/Project Name:

Project will be split 50/50 between the Recycled Water (WC) Planning Documents Project No. EN16035 in the WC Fund and Water Resources (WW) Planning Documents Project No. WR16025 in WW Fund, and will be spread over FY 2017/18 and FY 2018/19.

Fiscal Impact (explain if not budgeted):

Project cost is within the annual budget and the total project budgets of WC Planning Documents Project No. EN16035 (\$500,000) in the WC Fund and WW Planning Documents Project No. WR16025 (\$750,000) in WW Fund, and will be spread over FY 2017/18 and FY 2018/19.

Prior Board Action:

None.

Environmental Determination:

Statutory Exemption

CEQA exempts a variety of projects from compliance with the statute. This project qualifies for a Statutory Exemption as defined in Section 15262 of the State CEQA Guidelines. This effort will help provide the data required to complete future environmental documentation needed for the Habitat Conservation Plan.

Business Goal:

The agreement is consistent with the Agency's Business Goal of increasing Water Reliability by meeting the region's need to develop reliable, drought-proof and diverse local water resources in order to reduce dependence on imported water supplies.

Attachments:

- Attachment 1 - Background
- Attachment 2 - PowerPoint Presentation
- Attachment 3 - Cost Sharing Letter Agreement

Links:

1. Geoscience Contract with San Bernardino Valley Water District, available here:
<https://us3.hostedftp.com/CCEuxBV5OF08K3pI4xUTFYm1m>
2. USGS Proposed Scope of Work Letter, available here:
<https://us3.hostedftp.com/C1PciDQJSZ0A7xOExfzEN7GGk>
3. ICF Proposed Scope of Work Letter, available here:
<https://us3.hostedftp.com/CiAOfjDTSxItAJOTNX6QmmKRV>
4. Balleau Groundwater, Inc. Proposed Scope of Work Letter, available here:
<https://us3.hostedftp.com/C7GXTI0OSNX0H2zzsVGW918ei>

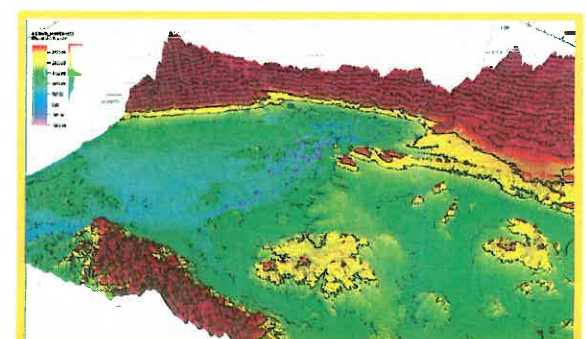
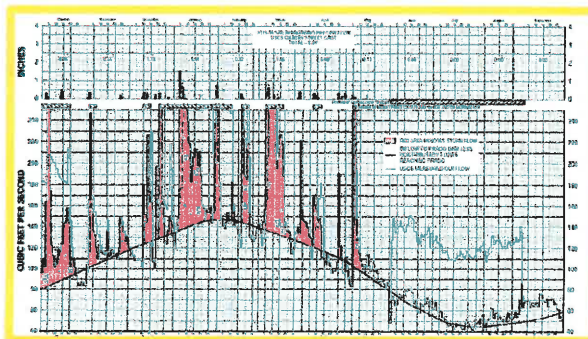
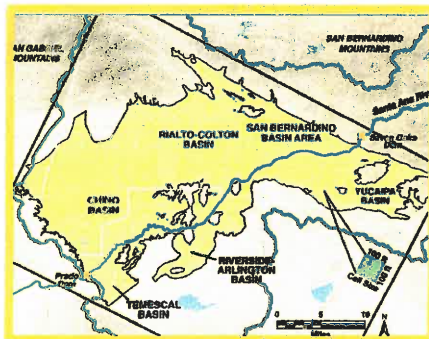
Background

Subject: Upper Santa Ana River Integrated Model Cost Sharing Letter Agreement

This project consists of four consultants: Geoscience, United States Geological Survey (USGS), Balleau Groundwater (BGW), and Inner City Fund International (ICF). Geoscience, the lead consultant, will integrate their existing hydraulic model with Wildermuth's WLAM model. USGS and BGW will peer review Geoscience's work. ICF, the lead consultant on the Upper Santa Ana River Habitat Conservation Plan (SAR HCP), will integrate results with the SAR HCP and ensure that the model assumptions are consistent between the two efforts. Total project costs are shown in the table below.

Consultant	Total Cost
Geoscience	\$980,011
USGS	\$73,200
Balleau Groundwater	\$209,406
ICF	\$43,878
Total	\$1,306,495

Santa Ana River Integrated Model Cost Sharing Letter Agreement



Santa Ana River Integrated Model

Develop an Integrated Santa Ana River (SAR) Model to:

- Integrate various hydraulic models along the river
- Predict the SAR flow (groundwater and surface water interaction)
- Provide biological analysis on cumulative long term effects
 - Habitat Conservation Plan Covered Activities and
 - Proposed new projects
- Capability to analyze any future projects not currently in the HCP

Santa Ana River Integrated Model

- Lead Agency:
 - San Bernardino Valley Municipal Water District
- Consultant Lead:
 - Geoscience
- Peer review of modeling:
 - USGS
 - Balleau Groundwater Inc.
- Other:
 - Integration into the Upper SAR Habitat Conservation Plan

	Total Cost	Cost per Agency
Geoscience	\$980,011	\$245,003
USGS	\$73,200	\$18,300
Balleau Groundwater	\$209,406	\$52,351
ICF	\$43,878	\$10,970
TOTALS	\$1,306,495	\$326,624

Santa Ana River Integrated Model Schedule

Task	Description	2017						2018								
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1	Model Integration															
2	Flow Model Calibration															
3	Develop and Run Predictive Scenarios															
4	Prepare Draft and Final Report															
5	Project Management, Peer Review and Meetings															
6	Database Development															

Santa Ana River Integrated Model Cost Sharing Letter Agreement

- Total local cost share requirement
 - Total cost of project: \$1.3M
 - Study cost to be shared equally by participants:
 - Inland Empire Utilities Agency
 - Orange County Water District
 - San Bernardino Valley Municipal Water District
 - Western Municipal Water District
 - IEUA share: \$326,700

Recommendation

- Approve the Upper Santa Ana River Integrated Model Cost Sharing Letter Agreement for the not-to-exceed amount of \$326,700; and
- Authorize the General Manager to execute the letter agreement, subject to non-substantive changes.

The Santa Ana River Integrated Cost Sharing Agreement is consistent with **Agency's Business Goal of increasing Water Reliability** by promoting water use efficiency and education to enhance water supplies within the region; and meeting the region's need to develop reliable and diverse local water resources in order to reduce dependence on imported water supplies.

Joe Grindstaff
Inland Empire Utility Agency
P.O. Box 9020
Chino Hills, CA 91709

Mike Markus
Orange County Water District
P.O. Box 8300
Fountain Valley, CA 92728-8300

Doug Headrick
San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, CA 92408

John V. Rossi
Western Municipal Water District
14205 Meridian Parkway
Riverside, CA 92518

Re: Cost Sharing Letter Agreement for an Upper Santa Ana River Integrated Model

The Inland Empire Utilities Agency (IEUA), Orange County Water District (OCWD) San Bernardino Valley Municipal Water District (Valley District) and Western Municipal Water District (Western), or Funding Agencies, have agreed to develop an Upper Santa Ana River Integrated Model (Integrated Model). The Funding Agencies have agreed to equally cost-share in the development of the Integrated Model. Other agencies that are interested in this project are Riverside Public Utilities (RPU), the Chino Basin Watermaster (CBWM), the U.S. Geological Survey (USGS), the California Department of Fish and Wildlife (CDFW), and the U.S. Fish and Wildlife Service (USFWS).

This Cost Sharing Letter Agreement ("Agreement") sets forth the understanding between the Funding Agencies regarding the sharing of costs for the Integrated Model. The Funding Agencies hereby agree to equally share the cost of the Integrated Model according to the provisions set forth below.

1. Scope of the Project - Professional Services for Model Development and Review

(a) Geoscience Support Services (Geoscience)

Geoscience will serve as the lead consultant tasked with development of the Integrated Model, which will integrate the existing models in the upper SAR watershed. The final product will be a calibrated surface water and groundwater flow

model that can be used as a regional management tool. The total fee for Geoscience shall not exceed \$980,011.

(b) United States Geological Survey (USGS)

The USGS will provide technical input on the development of the Integrated Model. The technical support will include response to inquiries by consultant(s) and other interested parties, attendance of model development meetings, and review of the technical memoranda(s) and final report. The total fee for USGS shall not exceed \$73,200.

(c) Balleau Groundwater (BGW)

BGW will provide third-party review for key phases of model development and for the final Integrated Model. Third-party review increases transparency and stakeholder confidence in the final product. The total fee for BGW shall not exceed \$209,406.

(d) ICF Jones & Stokes (ICF)

ICF will integrate the results of the new modeling into the Upper Santa Ana River Habitat Conservation Plan (HCP). ICF will ensure that the HCP Covered Activities¹ are accurately accounted for and are consistent with ICF's knowledge of how the Covered Activities may alter hydrology. ICF will also incorporate the new modeling work into the HCP documents as the best available data. The total fee for ICF shall not exceed \$43,878.

2. Cost Sharing

(a) Cost of Project

Valley District has entered into agreements with the entities listed in the Scope of Project section above for the amounts indicated.

(b) Cost Sharing Between the Undersigned Parties

The Funding Agencies shall each be responsible for reimbursement to Valley District in an amount not to exceed twenty-five percent (25%) of the agreement amounts which shall not exceed \$326,623.75 (Table 1).

(i) The Funding Agencies shall be responsible for payment of an equal share of the amount due and owing to be billed quarterly. None of the Funding Agencies shall be responsible for payment of any amounts in excess of its share as set forth herein, without the prior written consent of the Funding Agency being requested to pay such additional amount.

(ii) Valley District shall provide a copy of each invoice to each Funding Agency along with the calculation of the share due and owing by each Funding Agency.

¹ HCP Covered Activities are the individual projects proposed by each funding agency that will be permitted for incidental take of state and/or federally listed species through the Upper Santa Ana River Habitat Conservation Plan.

Within thirty (30) days of the date of each invoice, each Funding Agency shall submit payment to Valley District for its share as set forth in this Agreement.

(c) Section 6 Grant Proposal

On February 7, 2017, the Valley District submitted a proposal to the California Department of Fish and Wildlife (CDFW), on behalf of the Funding Agencies, requesting \$1,425,000 of Section 6 Planning Grant funds from the USFWS to help fund this project. The grant requires a 31% local matching funds. Table 1 below shows the cost share breakdown with and without the Funding Agencies being awarded the grant.

Consultants	Section 6 Grant Proposal	Actual Costs	Grant Share (69%)	Local Share (31%)	Without Grant Funding (25% each)	With Grant Funding (25% each)
Geoscience	\$ 1,000,000	\$ 980,011	\$ 676,208	\$ 303,803	\$ 245,003	\$ 75,951
USGS	\$ 100,000	\$ 73,200	\$ 50,508	\$ 22,692	\$ 18,300	\$ 5,673
BGW	\$ 250,000	\$ 209,406	\$ 144,490	\$ 64,916	\$ 52,352	\$ 16,229
ICF	\$ 75,000	\$ 43,878	\$ 30,276	\$ 13,602	\$ 10,970	\$ 3,401
TOTALS	\$ 1,425,000	\$ 1,306,495	\$ 901,482	\$ 405,013	\$ 326,624	\$ 101,253

3. Effective Date and Term

This Agreement shall be effective on the date of full execution of this Agreement by all of the Funding Agencies (“Effective Date”). The term of this Agreement shall be from the Effective Date to the date of completion of performance of the Scope.

4. General Provisions

(a) Indemnification

Each Party (“Indemnitors”) hereby agrees to defend, indemnify and hold free and harmless the other Parties (“Indemnitees”) from and against any and all liability, expense, including defense costs and legal fees, and claims for damages of any nature whatsoever, arising from or connected with Indemnitors’ activities under this Agreement

(b) Notices

Correspondence to be given to any Party may be sent by first-class mail, addressed and delivered as set forth below in the signature blocks for each Party.

(c) Representation of Authority

Each Party represents to the other that it has the authority to enter into this Agreement and that the individual signing this Agreement on behalf of their respective Parties has the authority to execute this Agreement and to bind their respective Parties to the terms and conditions of this Agreement.

(d) Counterparts

This Agreement may be executed in several counterparts, all or any of which shall be

regarded for all purposes as one original and shall constitute and be but one and the same instrument.

(e) Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of California.

(f) Cooperation

The Parties acknowledge that they are entering into an Agreement in which the cooperation of all Parties will be required, including the execution of necessary further documents. The Parties agree to cooperate in good faith with each other and submit timely documents for the benefit of the SAR Integrated Model.

BY SIGNING BELOW, THE PARTIES AGREE TO BE BOUND BY THE PROVISIONS OF THIS AGREEMENT.

ORANGE COUNTY WATER DISTRICT

By: _____
Michael Markus, General Manager

Dated: _____

P.O. BOX 8300
FOUNTAIN VALLEY, CA 92728-8300

INLAND EMPIRE UTILITY AGENCY

By: _____
Joseph Grindstaff, General Manager

Dated: _____

P.O Box 9020
Chino Hills, CA 91709

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

By: _____
Douglas Headrick, General Manager

Dated: _____

380 East Vanderbilt Way
San Bernardino, CA 92408

WESTERN MUNICIPAL WATER DISTRICT

By: _____
John V. Rossi, General Manager

Dated: _____

14205 Meridian Parkway
Riverside, CA 92518

**CONSENT
CALENDAR
ITEM**

1H



Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Community & Legislative Affairs

08/09/17

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Oppose Position to AB 1000 (Friedman)

Executive Summary:

AB 1000 (Friedman) seeks to create a new certification process for water conveyed in California's water transportation systems, something that is unprecedented. Although the bill specifically targets the Cadiz project, it could also set a dangerous precedent and pose a potential threat to any infrastructure projects in the State. This bill seeks to impose additional State environmental review, by an unrelated agency, on a project that has already undergone environmental review under the California Environmental Quality Act (CEQA).

Current opposition to this bill includes: Southern California Water Committee, Municipal Water District of Orange County, Three Valleys Municipal Water District, Jurupa Community Services District, Cucamonga Valley Water District, San Bernardino County Supervisor Janice Rutherford, Inland Empire Economic Partnership, Building Industry Association of Southern California - Baldy View, and many others.

The bill will be considered by the Senate Appropriations Committee upon the Legislature's return from summer recess on August 21, 2017.

Staff's Recommendation:

Staff recommends that the Board oppose AB 1000 (Friedman) - Water Conveyance, which would impose additional state environmental reviews by unrelated agencies on a project that has already undergone environmental review under the California Environmental Quality Act, for water conveyed in California's water transportation systems.

Budget Impact: N/A *Budgeted (Y/N):* N *Amendment (Y/N):* N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

Environmental Determination:

Not Applicable

Business Goal:

Approving the opposition to AB 1000 (Friedman) is in line with IEUA's business practices goal of advocating for development of policies, legislation and regulations that benefit the region.

Attachments:

Attachment 1 - Opposition to AB 1000 (Friedman) - "Water Conveyance" Letter



6075 Kimball Avenue • Chino, CA 91708
P.O. Box 9020 • Chino Hills, CA 91709
TEL (909) 993-1600 • FAX (909) 993-1983
www.ieua.org

August 16, 2017

The Honorable Ricardo Lara
Chair, Senate Appropriations Committee
State Capitol, Room 5050
Sacramento, California 95814

Re: OPPOSITION to AB 1000 (Friedman) – “Water Conveyance”

Dear Senator Lara:

On behalf of the Inland Empire Utilities Agency (IEUA), I am writing to express our strong opposition to AB 1000 (Friedman), which seeks to create an unprecedented and onerous new certification process for water conveyed in California’s water transportation systems. This legislation creates a dangerous model and poses a potential threat to any infrastructure project in the State.

AB 1000 seeks to impose additional State environmental review, by an unrelated agency, on a project that has already undergone extensive environmental review under the California Environmental Quality Act (CEQA). If a project has been publicly reviewed and approved under CEQA and there are questions about the validity of that environmental review, our court system is available for resolving those questions. This bill disregards longstanding environmental protections contained in the CEQA process which is the final arbiter of environmental safety. If passed, the bill sets a dangerous standard that once an infrastructure project goes through the CEQA process, it has not necessarily complied with California environmental law.

This legislation could stymie necessary projects and would make uncertain the finality of CEQA reviews, something that has the potential to impact California water projects. A project’s proponents, whether private companies or government entities, would never know with certainty when their review process has concluded or received approval.

Furthermore, the use of water conveyance facilities is governed by the wheeling statutes in the California Water Code. The purpose of these statutes is to prevent public agencies from denying access to aqueducts and other water conveyance facilities when there is available space. A perhaps unintended consequence of this bill is that it would make it more difficult to move water, something on which California’s entire water system depends. Only owners of conveyance facilities are empowered to make findings or impose conditions on wheeling approvals. In southern California, the Metropolitan Water District of Southern California owns and governs the Colorado River Aqueduct, not the State Lands Commission.

This bill could also be detrimental to water resource and drought response planning throughout the State. Should AB 1000 become law, any project that is subject to CEQA review might face the same threat of protracted, redundant review and the great uncertainty, delay and expense that comes with that.

Water Smart – Thinking in Terms of Tomorrow

Steven J. Elie
President

Michael E. Camacho
Vice President

Jasmin A. Hall
Secretary/Treasurer

Paul Hofer
Director

Kati Parker
Director

P. Joseph Grindstaff
General Manager

For these reasons, IEUA urges you to oppose AB 1000. If we can provide additional information, please do not hesitate to contact IEUA's General Manager, Joe Grindstaff, at (909) 993-1730 or jgrindstaff@ieua.org.

Sincerely,
INLAND EMPIRE UTILITIES AGENCY

Steven J. Elie
Board President

cc: Honorable Kevin de León, Senate President Pro Tempore
Honorable Patricia Bates, Senate Minority Leader

DRAFT

**CONSENT
CALENDAR
ITEM**

11

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Finance & Administration

08/09/17

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Request for Waiver of Late Fees

Executive Summary:

On July 11, 2017, Water Facilities Authority (WFA) submitted a request for the Board of Directors to waive the late fees and penalties on IEUA invoice #90020279 for April 2017 imported water deliveries. As noted in their request (attached), WFA has been vigilant in monitoring these invoices to ensure they are paid timely and to avoid the high penalties and interest imposed on late remittances. Delinquent payments for water deliveries are subject to a 10% penalty and interest rate of 6% per IEUA Ordinance 104.

The invoices for the April 2017 imported water deliveries were mailed around June 6 with a payment due date of June 30, 2017. Since invoices are sent via regular mail, IEUA has no proof of delivery or receipt. As a courtesy, staff also emails a copy of the invoice to customers. However, due to recent changes in staffing and cross training, the email for invoice #90020279 was not sent. It is this recent change in personnel which accounts for the variation in billing cycles and the different payment terms highlighted in the WFA request. Different payment terms can make it difficult to monitor and more likely to miss a payment. Upon discovering the missing invoice, WFA promptly wired payment on July 7. Based on the due date of June 30, 2017, total penalty and interest for WFA is \$92,784.46.

Staff's Recommendation:

Consider the request from Water Facilities Authority to waive the late payment penalty and interest related to IEUA Invoice #90020279 in the amount of \$92,784.46 and any loss of interest earnings estimated at \$186.00.

Budget Impact: N *Budgeted (Y/N):* N *Amendment (Y/N):* N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Based on the Agency's June 30 payment to Metropolitan Water District of Southern California for April 2017 water purchases and the Agency's portfolio investment rate of return, the estimated loss in interest earnings is \$186.00.

Prior Board Action:

On December 7, 2011 the Board of Directors waived late payment penalties and interest of approximately \$50,000 to Chino Basin Watermaster on the purchase of replenishment water.

Environmental Determination:

Statutory Exemption

CEQA exempts a variety of projects from compliance with the statute. This project qualifies for a Statutory Exemption as defined in Section 15273 of the State CEQA Guidelines.

Business Goal:

IEUA will provide outstanding service that supports our member agencies and region in a cost effective, efficient and reliable manner.

Attachments:

Attachment 1 - Water Facilities Authority Letter dated July 11, 2017



T. 909.981.9454 | F. 909.981.6760
1775 North Benson Avenue, Upland, CA 91784
www.wfajpa.org

July 11, 2017

P. Joseph Grindstaff
General Manager
INLAND EMPIRE UTILITIES AGENCY
6075 Kimball Avenue
Chino, California 91708

Request for Waiver of Late Payment Penalty Fees & Interest – Invoice Number 90020279

Dear Mr. Grindstaff,

The Water Facilities Authority (Authority) respectfully requests for a waiver of the late payment penalty fees and interest due to the late payment of Inland Empire Utilities Agency's (IEUA) Invoice Number 90020279, for April 2017 imported water supply service.

Background

Normally, the IEUA invoices are received by the Authority via regular US Mail. However, for the subject invoice, it was not delivered to the Authority until a recent email inquiry about its absence was made to IEUA. Because of the importance of these particular invoices with their strict payment due dates and penalties/interest, Authority's staff is vigilant in monitoring for their receipt and prompt processing, unlike any other invoice. The Authority is not suggesting that the invoice had not been mailed but instead suggests that it may have been misdirected or lost while in transit, which is known to occur on occasion for mail in general.

Authority staff has been proactive in recent months in their attempt to obtain IEUA invoices in a timely manner during a period in which irregularities were noticed in the processing of invoices, beginning as early as February 2017. The following table provides a brief summary, as follows:

Item	Invoice		Service Period	Due Date	Payment Term (Days)
	Number	Date			
1	90019769	2/28/2017	Jan 2017	4/14/2017	45
2	90019910	3/31/2017	Feb-2017	5/15/2017	45
3	90020215	5/25/2017	Mar-2017	6/19/2017	25
4	90020279	5/31/2017	Apr-2017	6/30/2017	30
5	90020383	6/26/2017	May-2017	7/21/2017	25

Letter - Request for Waiver of Late Payment Penalty Fees & Interest – Invoice Number 90020279

July 11, 2017

Page 2

Historically, the invoice is processed approximately one month after the end of the monthly service period with the payment term of 25 days. The Authority recognizes that some variation will exist in processing invoices and that IEUA has the discretion in how and when it processes invoices and is not disputing this practice. However, based on the payment terms summarized in the table above, it appears there has been some inconsistency in the processing cycle for these invoices.

With a very small staff at the Authority, only one individual is tasked with mail retrieval and processing. Therefore, it's not a situation where something gets lost going across different departments within the Authority for reviews and approvals. Upon receipt, the IEUA invoices are immediately scanned and sent to the contract accountant for processing to avoid late penalty fees and interest because of IEUA's strict payment policy. In fact, the Authority's accountant recognized the delay in receipt of some of the earlier invoices, as noted above, and prompted the Authority's Office Manager to make several email inquiries to IEUA staff in attempts to receive some of the late invoices in a timely manner. Additionally, upon receipt of the invoice for May 2017 service, the Authority's accountant recognized that the invoice for April 2017 service had never been received or that a service month had been missed. Soon afterwards, Authority staff learned that the missing invoice (for April 2017 service) actually exists and, unfortunately, realized that payment would be late. After receiving a copy of the invoice by email, electronic payment was immediately processed the next day.

Discussion

Simply, Authority staff does not believe that the subject invoice (for April 2017 service) was delivered properly and respectfully requests for a waiver of the late payment penalty fees and interest. Hopefully, IEUA recognizes the importance the Authority places on the imported water supply invoices and the history of satisfactory performance in making timely payments.

Thank you for your consideration in this request.

Sincerely,

WATER FACILITIES AUTHORITY



Terry Catlin

General Manager

**ACTION
ITEM**

2A

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee

08/09/17

Finance & Administration

08/09/17

Executive Contact: Chris Berch, Executive Manager of Engineering/AGM

Subject: SCADA Enterprise System (RP-4 and RP-5) Design-Build Contract Award

Executive Summary:

Consistent with IEUA's Supervisory Control and Data Acquisition (SCADA) Master Plan, the control systems at IEUA's treatment plants will be migrated to a standardized software platform in three phases. The second phase comprises the migration of control systems at RP-4 and RP-5 and will follow a design-build delivery method. The project scope of work includes the design and construction of new control panel upgrades, development of transition plans to minimize impact to operations, installation of new hardware, and programming to facilitate a migration to the new controls platform.

Three pre-qualified contractors responded to the project solicitation and were evaluated to determine which proposal offered the best value to IEUA. A selection committee determined that CDM Smith provided the technical expertise and strategic work plan to make the project a success. CDM Smith's cost proposal was the lowest of the responsive bidders, is within the project budget, and below the engineer's estimate.

Staff's Recommendation:

1. Award a design-build contract for the SCADA Enterprise System Migration (RP-4 and RP-5), Project Nos. EN13016.03 and EN13016.04, to CDM Smith for the not-to-exceed amount of \$5,277,527; and
2. Authorize the General Manager to execute the design-build contract subject to non-substantive changes.

Budget Impact: ^N *Budgeted (Y/N):* ^Y *Amendment (Y/N):* ^N *Requested Amount:* \$ 5,277,527

Account/Project Name:

SCADA Enterprise System (Regional Plant No. 4), SCADA Enterprise System (Regional Plant No. 5)

Fiscal Impact (explain if not budgeted):

N/A

Prior Board Action:

On July 18, 2012, the Board of Directors adopted the SCADA Master Plans.
On May 15, 2013, the Board of Directors approved the Consulting Engineering Services Contract Award for the SCADA Enterprise System to Westin, Engineering, Inc.
On May 17, 2017, the Board of Directors amended the Consulting Engineering Services Contract Award for the SCADA Enterprise System, Project No. EN13016, to Westin, Engineering, Inc.

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 2 as defined in Section 15302(c) of the State CEQA Guidelines.

Business Goal:

The SCADA Enterprise System Project is consistent with IEUA's Business Goal of Business Practices that strives to apply best industry practices in all processes to maintain or improve the quality and value of the services we provide to our member agencies and the public.

Attachments:

Attachment 1 - Background
Attachment 2 - PowerPoint
Attachment 3 - Design-Build Contract

Background

Subject: SCADA Enterprise System (RP-4 and RP-5) Design-Build Contract Award

IEUA's existing Supervisory Control and Data Acquisition (SCADA) System is comprised of a wide variety of equipment located at various facilities throughout the Agency's service area. The Agency has separate control systems for wastewater treatment facilities, recycled water, and the groundwater recharge system. The facilities' control system is approximately a 60/40 mix of Foxboro's Distributed Control System (DCS) and Rockwell Automation's SCADA system, respectively. The DCS has been in service for more than 20 years and has reached its end-of-life. The Facilities, Recycled Water, and Groundwater Recharge SCADA Master Plans, adopted by the Agency's Board of Directors in 2012, established the need for a migration from the existing Invensys Foxboro DCS to Rockwell Automation's PlantPax SCADA Enterprise System.

Carbon Canyon Water Recycling Facility (CCWRF) was the first facility to be migrated to the PlantPax system. In May of 2013, the consultant contract was awarded to the engineering consultant team of Westin Engineering Inc. (Westin), Rockwell Automation, and Parsons to perform design services for all facilities to be migrated. In December 2014, Technical Systems, Inc. was awarded the construction contract to integrate the PlantPax system into CCWRF's controls strategy. The CCWRF migration was completed in March 2016.

The second phase of the SCADA migration focuses on the migration of Regional Plant Nos. 4 (RP-4) and 5 (RP-5). Beginning in June 2016, Westin performed pre-design work for the RP-4 and RP-5 migrations to develop a scope of work for a Design-Build Request for Proposals (RFP).

On March 27, 2017, IEUA advertised on *PlanetBids* the RFP to three pre-qualified contractors in compliance with Senate Bill (SB) 785, which allows public agencies to select design-build contractors based on the best value to the Agency rather than lowest cost. This project delivery method was preferred due to the sensitivity of the controls systems and the significant impact that quality experience can have on the success of this project. All three contractors participated in the job walk on April 17, 2017.

On July 12, 2017, the following best and final proposals were received:

Contractor's Name	Total Price
Tesco Controls	Non-Responsive
CDM Smith	\$5,277,527
Technical Systems, Inc.	\$5,590,000
Engineer's Estimate	\$5,900,000

The proposal from Tesco Controls was determined to be non-responsive due to non-compliance with State Revolving Fund (SRF) loan requirements. The State Water Resources Control Board issued a determination of non-compliance because the proposal did not demonstrate good faith efforts in soliciting the Disadvantaged Business Enterprise (DBE) program.

The proposals were reviewed by a selection committee consisting of the City of Chino Hills and IEUA staff from Engineering and Construction Management, Integrated Systems Services, Contracts and Procurement, and Grants. Pursuant to SB 785, the proposals were evaluated based on technical experience, capital and life-cycle costs, schedule, proposed work plan, and safety record. Based on these criteria, the committee determined that CDM Smith provided the best value to IEUA for this project. During the prequalification process, IEUA staff evaluated CDM Smith's financial statements and verified references. CDM Smith has the technical experience and responsiveness to make this project a success.

The following table is the anticipated project cost:

Description	Estimated Cost
Design Services	\$3,130,686
Consultant Predesign Contract	\$225,000
Detailed Design (this action)	\$2,565,686
IEUA Design Services	\$250,000
Project Development	\$90,000
Construction Services	\$512,000
Design Consultant Construction Services	\$215,000
IEUA Construction Services (10%)	\$270,000
Construction Services Contingency (10%)	\$27,000
Construction	\$2,981,841
Construction (this action)	\$2,711,841
Contingency (~10%)	\$270,000
Total Project Cost (Phase II)	\$6,624,527
Total Project Budget (for all four treatment facilities)	\$15,803,331
Expended to Date (Phase I)	\$5,018,259
Remaining Budget	\$4,160,545

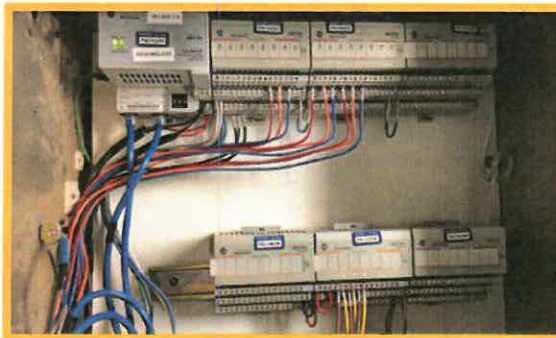
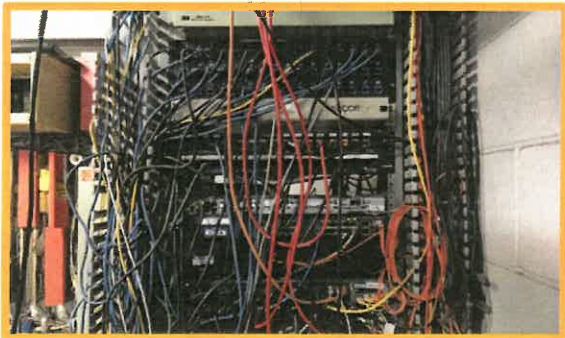
The following is the project schedule:

Project Milestone	Date
Design-Build Contract Award	August 2017
Design	
RP-5 Design Completion	February 2018
RP-4 Design Completion	May 2018
Construction	
RP-5 Construction Completion	September 2018
RP-4 Construction Completion	May 2019

Fiscal Impact:

If approved, the design build contract for the SCADA Project, Project No. EN13016, in the amount of \$5,277,527, will be within the total project budget of \$15,803,331 in the Regional Wastewater Operations and Maintenance (RO) Fund. An anticipated amount of \$1,680,000 will be spent in FY 2017/18, with the remaining contract value to be spent in FY 2018/19.

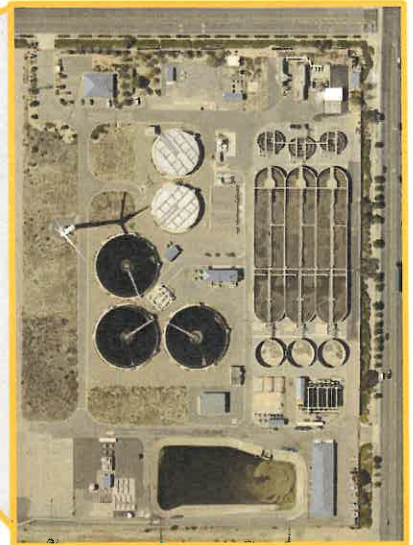
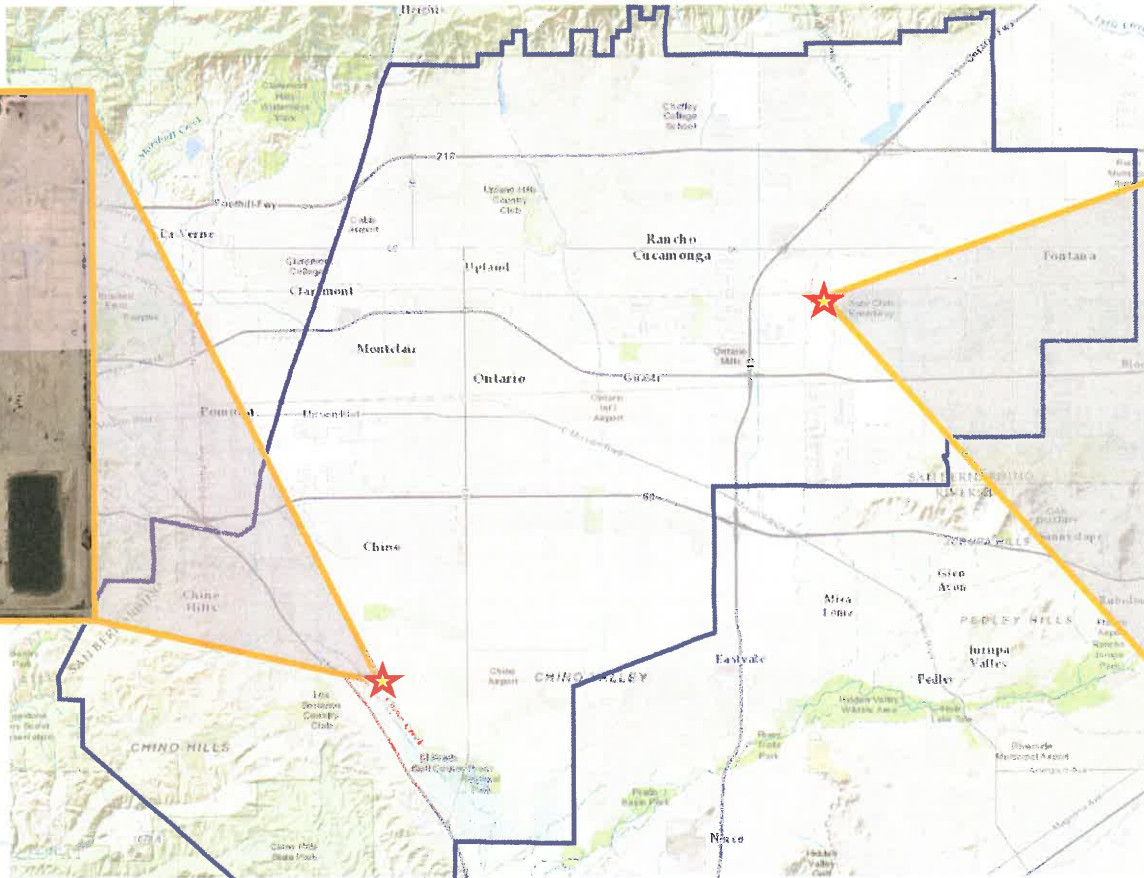
SCADA Enterprise System (RP-4 & RP-5) Design-Build Contract Award Project Nos. EN13016.03 & EN13016.04



Regional Water Recycling Plant Nos. 4 and 5 Project Location



RP-5



RP-4

Project Background

- Standardize control systems at IEUA facilities
 - Migrate Foxboro DCS to Rockwell PlantPAX
- All process equipment to be reprogrammed to Rockwell standards
- Future integration of SAP business system
- Phase I (CCWRF) completed in March 2016
- Phase II (RP-4 and RP-5) to use best value design-build delivery method

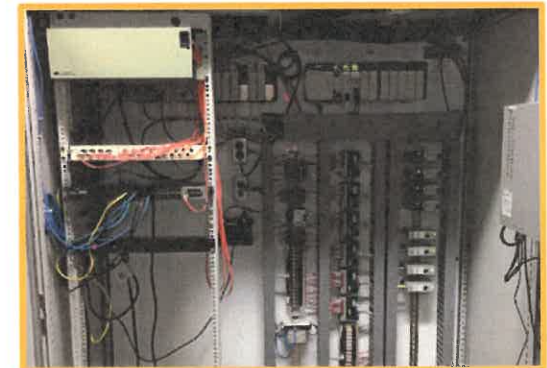


Project Scope

- Design panel upgrades for RP-4 and RP-5
- Develop transition plans with minimal Operations impact
- Provide necessary hardware and software to facilitate migration to PlantPAX
 - Control systems
 - Servers
 - Programming



RP-5 Servers



Typical Control Panel Interior

Contractor Selection – Best Value

- Evaluation and Selection Committee
 - Engineering and Construction Management
 - Integrated Systems Services
 - Contracts and Procurement
 - City of Chino Hills
 - Grants
- Three Proposals Received on July 12, 2017
- Committee determined that CDM Smith offered the best value to IEUA
 - Lowest Responsive Cost
 - Quality Experience
 - Aggressive Work Plan

Selection Criteria	Points
Technical Design-Build Expertise	30
Design-Build Cost Proposal	30
Schedule	15
Life-Cycle Costs	10
Proposed Work Plan/Approach	10
Safety Record	5
TOTAL	100

Contractor	Design-Build Cost
Tesco Controls	Non-Responsive
CDM Smith	\$5,277,527
Technical Systems, Inc.	\$5,590,000
Engineer's Estimate	\$5,900,000

Project Budget and Schedule

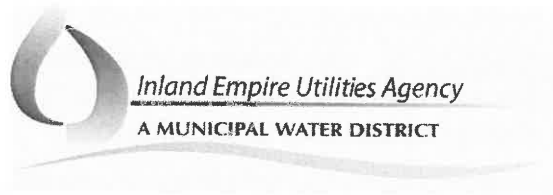
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Construction Services	\$512,000
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IEUA Construction Services (10%)	\$270,000
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Total Project Budget (for all four treatment facilities):	\$15,803,331
Expended to Date (Phase I):	\$5,018,259
Remaining Budget:	\$4,160,545

Project Milestone	Date
Consultant Contract Award	August 2017
Design	
RP-5 Design Completion	February 2018
RP-4 Design Completion	May 2018
Construction	
RP-5 Completion	September 2018
RP-4 Completion	May 2019

Recommendation

- Award a design-build contract for the SCADA Enterprise System Migration (RP-4 and RP-5), Project Nos. EN13016.03 and EN13016.04, to CDM Smith, for the not-to-exceed amount of \$5,277,527; and
- Authorize the General Manager to execute the contract subject to non-substantive changes.

The SCADA Enterprise System Project is consistent with the *IEUA's Business Goal of Business Practices* that strives to apply best industry practices in all processes to maintain or improve the quality and value of the services we provide to our member agencies and the public.



CONTRACT NUMBER: 4600002383

FOR DESIGN-BUILD SERVICES

**SCADA MIGRATION
AT REGIONAL PLANT NO. 4 (RP-4) & REGIONAL PLANT NO. 5 (RP-5)
PROJECT NOs. EN13016.03 & EN13016.04**

THIS CONTRACT (the "Contract"), is made and entered into this _____ day of _____, 2017, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter referred to as "Agency"), and CDM Smith, Inc. with offices in Los Angeles, California (hereinafter referred to as "Contractor") for SCADA migration at RP-4 and RP-5.

NOW, THEREFORE, in consideration of the mutual promises and obligations set forth herein, the parties agree as follows:

1. **AGENCY PROJECT MANAGER ASSIGNMENT:** All technical direction related to this Contract shall come from the designated Project Manager. Details of the Agency's assignment are listed below.

Project Manager: Jesse Pompa, P.E.
Senior Engineer
Address: 6075 Kimball Avenue, Bldg "B"
Chino, California 91708
Telephone: (909) 993-1545
Facsimile: (909) 993-9000
Email: jpompa@ieua.org
Cell: (909) 217-9627

2. **CONTRACTOR ASSIGNMENT:** Special inquiries related to this Contract and the effects of this Contract shall be referred to the following:

Contractor: CDM Smith, Inc.
David Jensen, P.E., BCEE, LEED AP
Vice President
Address: 600 Wilshire Blvd #750
Los Angeles, CA 90017
Telephone: (213) 457-2200
Email: jensendj@cdmsmith.com

3. ORDER OF PRECEDENCE: The documents referenced below represent the Contract Documents. Where any conflicts exist between the General Terms and Conditions the governing order of precedence shall be as follows:
- A. Permits issued by the jurisdictional regulatory agencies;
 - B. Change Orders/Task Orders/Supplemental Agreements; whichever occurs last;
 - C. Amendments to Contract number 4600002383;
 - D. Contract number 4600002383 General Terms and Conditions;
 - E. Agency's Request for Proposals (RFP) number RFP-MB-17-028;
 - F. Contractor's proposal dated March 27, 2017 and the Best and Final Offer dated July 5, 2017;
 - G. Request for Deviation;
 - H. 2015 Edition of the Standard Specifications for Public Works Construction (SSPWC)-Green Book, or most recent addition;
 - I. Plans;
 - J. Standard Plans;
 - K. Reference Specifications;
 - L. Photos.
4. SCOPE OF WORK AND SERVICES: Contractor shall be responsible for design-build services and responsibilities which shall include and be in accordance with Contractor's Proposals, dated March 27, 2017 and the Best and Final Offer dated July 5, 2017, which are jointly attached hereto as **Exhibit A**, incorporated herein by reference, and made a part hereof. The Request For Proposals, Bid Forms, Performance Bond, Payment Bond, Specifications, Drawings, General Conditions and Special Conditions, and all addenda issued by the Agency with respect to the foregoing, are hereby incorporated in and made part of this Contract, as if fully set forth.

The scope of work and services shall include the following:

- A. Design Services: Contractor shall provide all Design Services required for the Project. Architectural and engineering services must be provided by licensed, independent Design Professionals retained by Contractor or by licensed employees of Contractor, or as permitted by the law of the State of California. Contractor may not engage the services of any Design Professional for this Project without obtaining the Agency's prior written approval, which approval will not be unreasonably withheld. Agency's approval will not be deemed to create any contractual relationship between Agency and any such Design Professional, except that the Agency must be considered a third-party beneficiary of such Design Professional's services for the Project. Contractor must bind its Design Professionals in the same manner as Contractor is bound to the Agency under this Contract, including, but not limited to, the insurance and indemnity requirements applicable to Design Professionals set forth herein. Agency will not issue the Notice to Proceed with Design Services until it has

received acceptable evidence that all Design Professionals are covered by insurance as specified in the Contract Documents.

- B. Construction Services: Contractor shall provide all labor, materials, equipment and services necessary to perform and timely complete the Construction Services in strict accordance with the Contract Documents, including, but not limited to, the Construction Documents, and in an economic and efficient manner in the best interests of Agency. Contractor shall not begin the Construction Services until Agency has received the required payment and performance bonds, evidence of the required insurance coverage, and has issued a Notice to Proceed with the Construction Services.

NOTE: Contractor shall advise Agency within two (2) weeks of any changes to the written Scope of Work/Schedule based upon discussions from any meetings. Any changes must be made in writing by an Amendment to the Contract. Work initiated without written approval, shall be at Contractor's own risk, and shall not be reimbursed by the Agency.

- C. Project Schedule: Within ten (10) days following full execution of the Contract, Contractor must prepare and submit for Agency's review and approval a preliminary Project Schedule showing the timing and sequencing of the Design-Build Services required to design and construct the Project. Unless otherwise specified by Agency, the preliminary Project Schedule should include the major phases for the Design Services and for the Construction Services, including, but not limited to, completion of Design Development Documents; Construction Documents; procurement of Subcontractors; construction; final close out; as well as any other milestones applicable to this Project. The Project Schedule shall be updated for Agency's review and approval upon completion of each milestone included in the Project Schedule.

D. Method of Inspection:

1. Work performed under this Contract may be required to undergo monthly, weekly, or daily inspections.
2. The Project Manager shall be responsible for performance of the inspections.
3. If Contractor fails an inspection, the Project Manager shall be responsible for providing a written notice to the Contractor explaining the error and a determination of the urgency for the correction of the error (herein referred to as a "Cure Notice").

E. Cure Procedure:

1. For a Cure Notice deemed by the Agency to be **urgent**, Contractor shall correct any error of the Work within 10 (ten) calendar days after Contractor's receipt of a Cure Notice, as directed by the Project Manager.
2. For a Cure Notice deemed by the Agency to be **important**, Contractor shall correct any error of the Work within 60 (sixty) calendar days after Contractor's receipt of a Cure Notice, as directed by the Project Manager.
3. If the Project Manager rejects all, or any part of, the Work as unacceptable and agreement to correct such Work cannot be reached without modification to the Contract, Contractor shall notify the Project Manager, in writing, detailing the dispute and the reason(s) for the Contractor's position. Any dispute that cannot be resolved between the Project Manager and Contractor shall be resolved in accordance with the provisions of this Contract.

F. The Agency may, at any time, make changes to this Contract's Scope of Work; including additions, reductions and other alterations to any or all of the work. However, such changes shall only be made via written amendment to this Contract. The Contract Price and Work Schedule shall be equitably adjusted, if required, to account for such changes and shall be set forth within the Contract Amendment.

5. TERM: The term of this Contract shall extend from the date of the Notice to Proceed, and terminate upon completion of the project unless agreed to by both parties, reduced to writing, and amended to this contract.

Time is of the essence on this Contract.

6. PAYMENT, INVOICING, AND COMPENSATION:

- A. The Agency will pay Contractor progress payments and the final payment, in accordance with the provisions of the contract documents, with warrants drawn on the appropriate fund or funds as required, at the prices bid in the Bidding and Contract Requirements, Section C - Bid Forms, and in accordance with Contractor's Fee Schedule, attached hereto and incorporated herein as **Exhibit B**, as accepted by the Agency, and set forth in this below.

Total Bid Price: \$5,277,527.00 (Five Million Two Hundred Seventy-Seven Thousand Five Hundred Twenty-Seven Dollars and Zero Cents).

If this is not a lump sum bid and the contract price is dependent upon the quantities constructed, the Agency will pay and said Contractor shall receive, in full compensation for the work the prices named in the Bidding and Contract Requirements, Section C - Bid Forms.

That the Contractor will pay, and will require subcontractors to pay, employees on the work a salary or wage at least equal to the prevailing salary or wage established for such work as set forth in the wage determinations and wage standards applicable to this work, contained in or referenced in the contract documents.

That, in accordance with Section 1775 of the California Labor Code, Contractor shall forfeit to the Agency, as a penalty, not more than Fifty (\$50.00) Dollars for each day, or portion thereof, for each worker paid, either by the Contractor or any subcontractor, less than the prevailing rates as determined by the Director of the California Department of Industrial Relations for the work.

- B. The Contractor may submit an invoice not more than once per month during the term of this Contract. Agency shall pay Contractor's properly executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice.
- C. Additionally, to qualify for payment, the Contractor shall prominently display, on the first page of the invoice, both:
 - 1. The Contract Number – 4600002383, and;
 - 2. The Contract Release Purchase Order Number – To be provided

If Contractor submits invoice by email, such invoice shall be submitted as follows:

APGroup@ieua.org
Scan the invoice as a PDF file.
Attach the scanned file to an email.

If Contractor submits invoice by mail, such invoice shall be submitted as follows:

Inland Empire Utilities Agency
Re: Contract Number: 4600002383
P.O. Box 9020
Chino Hills, CA 91709

- D. Concurrent with the submittal of the original invoice to the Agency's Accounts Payable Department, the Contractor shall forward (mail, fax, or email) a copy of said invoice to the designated Project Manager, identified in Section 1, on Page 1 of this Contract.
- E. No Additional Compensation: Nothing Set forth in this Contract shall be interpreted to require payment by Agency to Contractor of any compensation specifically for the assignments and assurances required by the Contract, other than the payment

of expenses as may be actually incurred by Contractor in complying with this Contract, as approved by the Project Manager.

- F. Allowance Items And Allowance Values: Any and all Allowance Items, as well as their corresponding Allowance Values, are set forth in the Request for Proposal dated March 27, 2017 and the Request for Best and Final Offer dated July 5, 2017. No work shall be performed on any Allowance Item without the Contractor first obtaining in writing advanced authorization to proceed from Owner. Owner agrees that if the Contractor is not provided written authorization to proceed on an Allowance Item by the date set forth in the Project schedule, due to no fault of the Contractor, the Contractor may be entitled to an adjustment of the Contract Time(s) and Contract Price.

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including design fees, project management and general condition costs, overhead and fee, are deemed to be included in the original Contract Price, and are not subject to adjustment, regardless of the actual amount of the Allowance Item.

Whenever the actual costs for an Allowance Item is more than or less than the stated Allowance Value, the Contract Price shall be adjusted accordingly by Change Order, per the Contract Documents. The amount of the Change Order shall reflect the difference between actual costs incurred by the Contractor for the particular Allowance Item and the Allowance Value.

- G. Contractor may request taking advantage of the Agency's practice of offering an expedited payment protocol to a Contractor who has proposed accepting an invoice amount reduction in exchange for early payment.
7. CONTROL OF THE WORK: Contractor shall perform the Work in compliance with the Schedule of Work and Services. If performance of the Work falls behind schedule, the Contractor shall accelerate the performance of the Work to comply with the work schedule as directed by the Project Manager. If the nature of the Work is such that Contractor is unable to accelerate the Work, Contractor shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule.
8. INSURANCE: During the term of this Contract, the Contractor shall maintain at Contractor's sole expense, the following insurance.
- A. Minimum Scope of Insurance: Coverage shall be at least as broad as:
1. Commercial General Liability ("CGL"): Insurance Services Office ("ISO") Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal &

advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

2. Automobile Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Contractor has no owned autos, covering hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
 3. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
 4. Professional Liability (Errors and Omissions): Insurance appropriate to the Contractor's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.
 5. Builder's Risk: Insurance utilizing an "All Risk" (Special Perils) coverage form, with limits equal to the completed value of the project and no coinsurance penalty provisions.
 6. Payment Bond and Performance Bond: Shall be in a sum equal to the contract price. If the Performance Bond provides for a one-year warranty a separate Maintenance Bond is not necessary. Bonds shall be duly executed by a responsible corporate surety, authorized to issue such bonds in the State of California and secured through an authorized agent with an office in California.
- B. Deductibles and Self-Insured Retention: Any deductibles or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Agency, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expenses.
- C. Other Insurance Provisions: The insurance policies are to contain, or be endorsed to contain, the following provisions:
1. Commercial General Liability and Automobile Liability Coverage
 - a. Additional Insured Status: The Agency, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including

materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or by either CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).

- b. Primary Coverage: The Contractor's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Agency, its officer, officials, employees and volunteers. Any insurance or self-insurance maintained by the Agency, its officers, officials, employees, volunteers, property owners or engineers under contract with the Agency shall be excess of the Contractor's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Agency, its officers, officials, employees or volunteers.
- d. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- e. The Contractor may satisfy the limit requirements in a single policy or multiple policies. Any such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

2. Workers' Compensation and Employers Liability Coverage

The insurer hereby grants to Agency a waiver of any right to subrogation which any insurer of said Contractor may acquire against the Agency by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Agency has received a waiver of subrogation endorsement from the insurer.

3. All Coverages

Each insurance policy required by this contract shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Agency.

- D. Acceptability of Insurers: All insurance is to be placed with insurers with a current A.M. Best's rating of no less than A minus:VII, and who are admitted insurers in the State of California.
- E. Verification of Coverage: Contractor shall provide the Agency with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Agency before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The Agency reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
- F. Submittal of Certificates: Contractor shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency
Attn: Angela Witte
P.O. Box 9020
Chino Hills, California 91709

9. FITNESS FOR DUTY:

- A. Fitness: Contractor and its Subcontractor personnel on the Jobsite:
 - 1. Shall report for work in a manner fit to do their job;
 - 2. Shall not be under the influence of or in possession of any alcoholic beverages or of any controlled substance (except a controlled substance as prescribed by a physician so long as the performance or safety of the Work is not affected thereby); and
 - 3. Shall not have been convicted of any serious criminal offense which, by its nature, may have a discernible adverse impact on the business or reputation of Agency.
- B. Compliance: Contractor shall advise all personnel and associated third parties of the requirements of this Contract ("Fitness for Duty Requirements") before they enter on the Jobsite and shall immediately remove from the Jobsite any employee determined to be in violation of these requirements. Contractor shall impose these requirements on its Subcontractors. Agency may cancel the Contract if Contractor violates these Fitness for Duty Requirements.
- A. Design-Build Team and Subcontractors: All members of the Contractor's Design-Build Team ("DBT") must be bound to the terms of this Contract. All Work which is not performed by Contractor or DBT members with its own duly licensed forces

shall be performed by Subcontractors. Contractor must provide each Subcontractor with a complete set of the Construction Documents and any approved modifications thereto.

Contractor shall require every Subcontractor and material supplier to be bound to the provisions of the Contract Documents as they apply to the Subcontractor's or material supplier's portion(s) of the Work, and to likewise bind their Subcontractors or material suppliers. Agency reserves the right to reject any Subcontractor or material supplier based upon Agency's reasonable belief that the Subcontractor or material supplier is not adequately qualified, or whose performance is unacceptable to the Agency, or who has a history of unacceptable performance on other public works projects. Nothing in these Contract Documents creates a contractual relationship between a Subcontractor or material supplier and Agency, but Agency shall be deemed to be a third-party beneficiary of the contract between Contractor and each Subcontractor.

10. LEGAL RELATIONS AND RESPONSIBILITIES

- A. Professional Responsibility: The Contractor shall be responsible, to the level of competency presently maintained by other practicing professionals performing the same or similar type of work.
- B. Status of Contractor: The Contractor is retained as an independent Contractor only, for the sole purpose of providing the services described herein, and is not an employee of the Agency.
- C. Observing Laws and Ordinances: The Contractor shall keep itself fully informed of all relevant existing state and federal laws and all relevant county and Agency ordinances and regulations which pertain to structural engineering services or tasks performed under this Contract, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. The Contractor shall at all times observe and comply with all such existing laws, ordinances, regulations, orders and decrees, and shall to the extent of Contractor's negligence, protect and indemnify, as required herein, the Agency, its officers, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Contractor or its employees.
- D. Work Safety: Contract work requiring confine space entry must follow CalOSHA Regulation 8 CCR, Sections 5157 – 5158. This regulation requires the following to be submitted to IEUA for approval prior to the Contractors mobilization to the work site:
 - 1. Proof of training on confined space procedures, as defined in Cal-OSHA Regulation 8 CCR, Section 5157; and, 2. A written plan that includes; identification of confined spaces within the work site, alternate procedures

where appropriate, Contractor provisions and specific procedures for permit-required and non-permit required spaces and a rescue plan.

- E. Subcontract Services: Any subcontracts for the performance of any services under this Contract shall be subject to the written approval of the Project Manager.
- F. Grant Funded Projects: **This is a grant funded project.** For grant-funded projects, the Contractor shall be responsible to comply with all grant requirements related to the Project. These may include, but shall not be limited to: Davis-Bacon Act, Endangered Species Act, Executive Order 11246 (Affirmative Action Requirements), Equal Opportunity, Competitive Solicitation, Record Retention and Public Access to Records, and Compliance Review.
- G. Hours of Labor: The Contractor shall comply with all applicable provisions of California Labor Code Sections 1810 to 1815 relating to working hours. The Contractor shall, as a penalty to the Agency, forfeit \$25.00 for each worker employed in the completion of the Contract by the Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of the Labor Code.
- H. Travel and Subsistence Pay: The Contractor shall make payment to each worker for travel and subsistence payments which are needed to complete the work and/or service, as such travel and subsistence payments are defined in an applicable collective bargaining agreements with the worker.
- I. Liens: Contractor shall pay all sums of money that become due from any labor, services, materials or equipment provided to Contractor on account of said services to be rendered or said materials to be provided under this Contract and that may be secured by any lien against the Agency. Contractor shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.
- J. Indemnification: Contractor shall indemnify the Agency, its directors, employees and assigns, and shall defend and hold them harmless from all liabilities, demands, actions, claims, losses and expenses, including reasonable attorneys' fees, which arise out of or are related to the negligence, recklessness or willful misconduct of the Contractor, its directors, employees, agents and assigns, in the performance of work under this contract.
- K. Indemnification: Design Professional (Contractor) agrees to indemnify, including the cost to defend, entity and its officers, officials, employees, and volunteers from and against any and all claims, demands, costs, or liability that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of Design Professional (Contractor) and its employees or agents in the performance of services under this contract, but this indemnity does not apply to liability for

damages arising from the sole negligence, active negligence, or willful acts of the Agency; and does not apply to any passive negligence of the Agency unless caused at least in part by the Design Professional (Contractor).

- L. Conflict of Interest: No official of the Agency who is authorized in such capacity and on behalf of the Agency to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving this Contract, or any subcontract relating to services or tasks to be performed pursuant to this Contract, shall become directly or indirectly personally interested in this Contract.
- M. Equal Opportunity and Unlawful Discrimination: During the performance of this Contract, the Contractor shall not unlawfully discriminate against any employee or employment applicant because of race, color, religion, sex, age, marital status, ancestry, physical or mental disability, sexual orientation, veteran status or national origin. The Agency is committed to creating and maintaining an environment free from harassment and discrimination
- N. Non-Conforming Work and Warranty: Consistent with the standard of skill and care set forth in Section 10.A, Professional Responsibility, Contractor represents and warrants that the Work and Documentation shall be adequate to serve the purposes described in the Contract. If the Project Manager rejects all or any part of the Work or Documentation as unacceptable, and agreement to correct such Work or Documentation cannot be reached without modification to the Contract, Contractor shall notify the Project Manager, in writing, detailing the dispute and reason for Contractor's position. Any dispute that cannot be resolved between the Project Manager and the Contractor, shall be resolved in accordance with the Dispute Section of this Contract.
- O. Disputes:
 - 1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Contractor shall pursue the work to completion in accordance with the instruction of the Agency's Project Manager notwithstanding the existence of dispute. By entering into this Contract, both parties are obligated, and hereby agree, to submit all disputes arising under or relating to the Contract, which remain unresolved after the exhaustion of the procedures provided herein, to independent arbitration. Except as otherwise provided herein, arbitration shall be conducted under California Code of Civil Procedure Sections 1280, et. seq, or their successor.
 - 2. Any and all disputes prior to the work starting shall be subject to resolution by the Agency Project Manager and the Contractor shall comply, pursuant to the Agency Project Manager instructions. If the Contractor is not satisfied with any such resolution by the Agency Project Manager, they may file a written protest with the Agency Project Manager within seven (7)

calendar days after receiving written notice of the Agency's decision. Failure by Contractor to file a written protest within seven (7) calendar days shall constitute waiver of protest, and acceptance of the Agency Project Manager's resolution. The Agency's Project Manager shall submit the Contractor's written protests to the General Manager, together with a copy of the Agency Project Manager's written decision, for his or her consideration within seven (7) calendar days after receipt of said protest(s). The General Manager shall make his or her determination with respect to each protest filed with the Agency Project Manager within ten (10) calendar days after receipt of said protest(s). If Contractor is not satisfied with any such resolution by the General Manager, they may file a written request for arbitration with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of arbitration, the parties to this Contract agree that there shall be a single neutral Arbitrator who shall be selected in the following manner:
 - a. The Demand for Arbitration shall include a list of five names of persons acceptable to the Contractor to be appointed as Arbitrator. The Agency shall determine if any of the names submitted by Contractor are acceptable and, if so, such person shall be designated as Arbitrator.
 - b. In the event that none of the names submitted by Contractor are acceptable to Agency, or if for any reason the Arbitrator selected in Step (a) is unable to serve, the Agency shall submit to Contractor a list of five names of persons acceptable to Agency for appointment as Arbitrator. The Contractor shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
 - c. If after Steps (a) and (b), the parties are unable to mutually agree upon a neutral Arbitrator, the matter of selection of an Arbitrator shall be submitted to the San Bernardino County Superior Court pursuant to Code of Civil Procedure Section 1281.6, or its successor. The costs of arbitration, including but not limited to reasonable attorneys' fees, shall be recoverable by the party prevailing in the arbitration. If this arbitration is appealed to a court pursuant to the procedure under California Code of Civil Procedure Section 1294, et. seq., or their successor, the costs of arbitration shall also include court costs associated with such appeals, including but not limited to reasonable attorneys' fees which shall be recoverable by the prevailing party.
4. Association in Mediation/Arbitration: The Agency may join the Contractor in mediation or arbitration commenced by a Contractor on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such

association shall be initiated by written notice from the Agency's representative to the Contractor.

- P. Workers' Legal Status: For performance against this Contract, Contractor shall only utilize employees and/or subcontractors that are authorized to work in the United States pursuant to the Immigration Reform and Control Act of 1986.
- Q. Prevailing Wage Requirements: Pursuant to Section 1770 and following, of the California Labor Code, the Contractor shall not pay less than the general prevailing wage rates, as determined by the Director of the State of California Department of Industrial Relations for the locality in which the work is to be performed and for each craft or type of worker needed to execute the work contemplated under the Contract. The Contractor or any subcontractor performing part of said work shall strictly adhere to all provisions of the Labor Code, including, but not limited to, minimum wages, work days, nondiscrimination, apprentices, maintenance and availability of accurate payroll records and any other matters required under all Federal, State and local laws related to labor.

Contractor shall provide with their invoice certified payroll verifying that Contractor has paid prevailing wage requirements as stipulated in SB-854 (<http://www.dir.ca.gov/DIRNews/2014/2014-55.pdf>).

SB854 Requirements:

- No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].
 - No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.
 - This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.
11. OWNERSHIP OF MATERIALS AND DOCUMENTS/CONFIDENTIALITY: The Agency retains ownership of any and all partial or complete reports, drawings, plans, notes, computations, lists, and/or other materials, documents, information, or data prepared by the Contractor and/or the Contractor's subcontractor(s) pertaining to this Contract. Said materials and documents are confidential and shall be available to the Agency from the moment of their preparation, and the Contractor shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Contractor

agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency.

Said materials and documents shall not be changed or used for purposes other than those set forth in the Contract without the prior written approval of Contractor. If Agency reuses the materials and documents without Contractor's prior written consent, changes or uses the materials and documents other than as intended under this Contract, Agency shall do so at its sole risk and discretion, and Contractor shall not be liable for any claims and/or damages resulting from use or connected with the release of or any third party's use of the reused materials or documents.

12. TITLE AND RISK OF LOSS:

- A. Documentation: Title to the Documentation shall pass, subject to payment therefore, to Agency when prepared; however, a copy may be retained by Contractor for its records and internal use. Contractor shall retain such Documentation in a controlled access file, and shall not reveal, display or disclose the contents of the Documentation to others without the prior written authorization of Agency or for the performance of Work related to the project.
- B. Material: Title to all Material, field or research equipment, subject to payment therefore, and laboratory models, procured or fabricated under the Contract shall pass to Agency when procured or fabricated, and such title shall be free and clear of any and all encumbrances. Contractor shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. Disposition: Contractor shall dispose of items to which Agency has title as directed in writing by the Agreement Administrator and/or Agency.

13. PROPRIETARY RIGHTS:

- A. Rights and Ownership: Agency's rights to inventions, discoveries, trade secrets, patents, copyrights, and other intellectual property, including the Information and Documentation, and revisions thereto (hereinafter collectively referred to as "Proprietary Rights"), used or developed by Contractor in the performance of the Work, shall be governed by the following provisions:
 - 1. Proprietary Rights conceived, developed, or reduced to practice by Contractor in the performance of the Work shall be the property of Agency, and Contractor shall cooperate with all appropriate requests to assign and transfer same to Agency.
 - 2. If Proprietary Rights conceived, developed, or reduced to practice by Contractor prior to the performance of the Work are used in and become integral with the Work, or are necessary for Agency to have complete control of the Work, Contractor shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete control of the Work, including the right to reproduce, correct,

repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and grant sublicenses to others with respect to the Work.

3. If the Work includes the Proprietary Rights of others, Contractor shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete control of the Work, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and grant sublicenses to others with respect to the Work. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.

14. INFRINGEMENT: Contractor represents and warrants that the Work and Documentation shall be free of any claim of trade secret, trade mark, trade name, copyright, or patent infringement or other violations of any Proprietary Rights of any person.

Contractor shall defend, indemnify and hold harmless, Agency, its officers, directors, agents, employees, successors, assigns, servants, and volunteers free and harmless from any and all liability, damages, losses, claims, demands, actions, causes of action, and costs including reasonable attorney's fees and expenses to the extent of Contractor's negligence for any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Contractor shall, at its expense and at Agency's option, refund any amount paid by Agency under the Contract, or exert its best efforts to procure for Agency the right to use the Work and Documentation, to replace or modify the Work and Documentation as approved by Agency so as to obviate any such claim of infringement, or to put up a satisfactory bond to permit Agency's continued use of the Work and Documentation.

15. NOTICES: Any notice may be served upon either party by delivering it in person, or by depositing it in a United States Mail deposit box with the postage thereon fully prepaid, and addressed to the party at the address set forth below:

Agency: Warren T. Green
Manager of Contracts and Procurement
Inland Empire Utilities Agency
P.O Box 9020
Chino Hills, California 91709

Contractor: David Jensen, P.E., BCEE, LEED AP
Vice President
CDM Smith, Inc.
Address: 600 Wilshire Blvd #750
Los Angeles, CA 90017

Any notice given pursuant to this section shall be deemed effective in the case of personal delivery, upon receipt thereof, or, in the case of mailing, at the moment of deposit in the course of transmission with the United States Postal Service.

16. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall take effect to the benefit of and be binding upon the Agency, the Contractor, and their respective successors and assigns. No assignment of the duties or benefits of the Contractor under this Contract may be assigned, transferred or otherwise disposed of without the prior written consent of the Agency; and any such purported or attempted assignment, transfer or disposal without the prior written consent of the Agency shall be null, void and of no legal effect whatsoever.
17. PUBLIC RECORDS POLICY: Information made available to the Agency may be subject to the California Public Records Act (Government Code Section 6250 et seq.) The Agency's use and disclosure of its records are governed by this Act. The Agency shall use its best efforts to notify Contractor of any requests for disclosure of any documents pertaining to Contractor. In the event of litigation concerning disclosure of information Contractor considers exempt from disclosure; (e.g., Trade Secret, Confidential, or Proprietary) Agency shall act as a stakeholder only, holding the information until otherwise ordered by a court or other legal process. If Agency is required to defend an action arising out of a Public Records Act request for any of the information Contractor has marked "Confidential," "Proprietary," or "Trade Secret," Contractor shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the Public Records Act.
18. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Contractors' records related to the Work. The option to review and/or audit may be exercised during the term of the Contract, upon termination, upon completion of the Contract, or at any time thereafter up to twelve (12) months after final payment has been made to Contractor. The Contractor shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.
19. INTEGRATION: The Contract Documents represent the entire Contract made and entered into by and between the Agency and the Contractor as to those matters contained in this contract. No prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents. This Contract may not be modified, altered or amended except by written mutual agreement by the Agency and the Contractor.
20. GOVERNING LAW: This Contract is to be governed by and constructed in accordance with the laws of the State of California, in the County of San Bernardino.
21. TERMINATION FOR CONVENIENCE: The Agency reserves and has the right to immediately suspend, cancel or terminate this Contract at any time upon written notice to the Contractor. In the event of such termination, the Agency shall pay Contractor for

all authorized and Contractor-invoiced services up to the date of such termination, as approved by the Project Manager.

22. FORCE MAJEURE: Neither party shall hold the other responsible for the effects of acts occurring beyond their control; e.g., war, riots, strikes, natural disasters, etcetera.
23. LIQUIDATED DAMAGES: Liquidated Damages, in the amount of \$500 per day, may be assessed by the Agency for each calendar day that the Contractor fails to complete the services in accordance with the Work Schedule. Any and all Liquidated Damages assessed by the Agency will be taken as a direct credit against the Contractor's invoice for the missed services. The Contractor's acceptance of this contract, shall serve to indicate acceptance of this Liquidated Damages clause, and the daily assessment of damages expressed in this section.

In addition to the liquidated damages, which may be imposed if the Contractor fails to complete the work within the time agreed upon, the Agency may also deduct from any sums due or to become due the Contractor, liquidated damages in accordance with the Bidding and Contract Requirements, Section B - Instruction to Bidders, Part 5.0 "Liquidated Damages", for any violation of the General Conditions, Section D - Contractor's Responsibilities, Part 8, "Law and Regulations"; Bidding and Contract Requirements Contract Section D -Contract and Relevant Documents, Part 1.0, Paragraphs 9 through 11; General Conditions, Section D - Contractor's Responsibilities, Part 4.0, "Labor, Materials and Equipment"; General Conditions Section D - Contractor's Responsibilities, Part 12.0, "Safety and Protection" or General Conditions Section H - Legal Responsibilities, Part 8.0, "Disturbance of the Peace".

24. NOTICE TO PROCEED: No services shall be performed or provided under this Contract unless and until this document has been properly signed by all responsible parties and a Notice to Proceed order has been issued to the Contractor.
25. AUTHORITY TO EXECUTE CONTRACT: The Signatories, below, each represents, warrants, and covenants that they have the full authority and right to enter into this Contract on behalf of the separate entities shown below.
26. DELIVERY OF DOCUMENTS: The Parties to this Contract and the individuals named to facilitate the realization of its intent, with the execution of the Contract, authorize the delivery of documents via facsimile, via email, and via portable document format (PDF) and covenant agreement to be bound by such electronic versions.

[Signature Page To Follow]

The parties hereto have caused the Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
**A MUNICIPAL WATER DISTRICT*

CDM SMITH, INC.:

P. Joseph Grindstaff (Date)
General Manager

David D. Jensen (Date)
Vice President

[Remainder Of Page Intentionally Left Blank]

EXHIBIT A





600 Wilshire Blvd, Suite 750
Los Angeles, CA 90017
tel: 213-457-2200

July 12, 2017

Mia Beltran
Contracts Administrator II
Inland Empire Utilities Agency
6075 "A" Kimball Avenue
Chino, CA 91708

Submitted Via Email to: mbeltran@ieua.org

Subject: Request for Proposal (RFP-MB-17-028) to Provide Design-Build Services for the Regional Plant Nos. 4 and 5 SCADA Migration Project-Best and Final Offer

Dear Ms. Beltran:

CDM Smith has received the Inland Empire Utilities Agency's July 5 2017 letter and is pleased to provide this Best and Final Offer (BAFO) for the RP-4 and RP-5 Design-Build SCADA Migration Project. With this BAFO submittal, our May 31, 2017 proposal is amended to include the following conditions and clarifications identified in your July 5th letter.

1. **RP-4 and RP-5 Control Room Modifications.** We have included a \$300,000 allowance for architectural modifications, design, procurement and construction of the necessary equipment to facilitate the construction of new SCADA control consoles and associated equipment at the RP-4 and RP-5 plant control rooms in the revised cost summary provided at the end of this submittal. If selected for the project, we will work with IEUA to fully define the scope of this work, establish the appropriate cost, and adjust our budget accordingly.

As was referenced in our proposal, CDM Smith is an integrated design-build (DB) firm that has successfully delivered alternative delivery projects for over 20 years to water and wastewater clients throughout the United States, and abroad. During this time, we have completed over \$3.5 billion in treatment plant work and have completed DB projects in over 44 states and territories. Our experience includes a strong background in control room design and construction at both a national and local level with the recent successful completion of the Camp Pendleton North Regional Tertiary Treatment Plant, Advanced Water Treatment Plant and the US National Training Center Water Treatment Plant at Fort Irwin.





RFP-MB-17-028 Regional Plant Nos. 4 and 5 SCADA Migration Design-Build Project
July 12, 2017

Page 2

Please note that the schedule submitted with our original proposal did not consider the time for CDM Smith to perform this additional work. If selected for this project, we will work with IEUA to develop a revised schedule which includes this additional element. As the control room modifications and installation of new control consoles must be performed early in the schedule to install the new servers and hardware, we will prioritize the design and submittals for early IEUA review and approval.

2. **PlantPax Programming.** As specified by IEUA, all PlantPax programming will be performed by a contractor that is both Control and Process recognized by Rockwell Automation (RA). Our team member Advanced Telemetry Systems International, Inc. (ATSI) of Temecula, CA is an RA recognized integrator for both Control and Process disciplines. For this project, all PlantPax programming will be performed by ATSI.
3. **Oversees Outsourcing of Programming.** As specified by IEUA, all programming for this project will be performed within the state of California. No programming will be outsourced overseas.

The following discussion is provided to further clarify the roles of CDM Smith and ATSI for this project. As noted above, ATSI is an RA recognized integrator for both Control and Process disciplines. CDM Smith is an RA recognized integrator for Control and is currently completing the requirements to receive the Process recognition. We expect to obtain the Process recognition by year end. Given that the certification will not be complete by the start of this project, we teamed up with ATSI to perform the VantagePoint reporting programming with an option to perform the PlantPax programming. Given IEUA's clarification that the PlantPax programming be performed by a firm that is both Control and Process recognized by RA, we are committed to have ATSI lead this effort.

CDM Smith will provide PlantPax programming oversight to ATSI during the development, submittal and factory acceptance test phases and fill the lead position for the field implementation team. This will help provide a seamless transition from the programming lab to the fabrication shop to the field for the programming team. CDM Smith has recently completed a very successful PlantPax upgrade at the Fena Water Treatment Plant for NAVFAC-Mariana Islands in Guam. Our Senior Programmer, Mr. Tavita Solomona, who led the Guam effort, will also fill this key role in the RP-4 and RP-5 SCADA migration. In addition, key members of CDM Smith staff will complete RA's PlantPax System Design and Configuration certificate class during the execution of this project.



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July 12, 2017

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CDM Smith understands that as the prime contractor for this project, we bear complete responsibility for meeting and exceeding not only the contractual requirements but earning and maintaining the trust of the IEUA plant operators, programmers, engineers and managers. While ATSI is assuming the lead in the PlantPax programming effort, Michael Graham of CDM Smith will continue as the Electrical/I&C Design and Automation Lead. His group will maintain responsibility for the overall system architecture, control narrative development, and generation of new P&ID's. While ATSI will perform both VantagePoint and PlantPax programming, CDM Smith will stand behind the work of its teaming partner to ensure that quality control standards and schedule milestones are met. Mr. Solomona and other key CDM Smith resources are based locally in our Rancho Cucamonga office and will be able to quickly respond to IEUA's requests and conditions in the field throughout the planning, design, construction, and warranty phases of the project.

We are looking forward to working with you on this exciting project and believe that the CDM Smith team provides the right combination of SCADA design and implementation expertise, wastewater treatment knowledge, and design-build experience to successfully migrate RP-4 and RP-5 to a PlantPax control system that provides IEUA with improved control, greater consistency, and reduced long-term costs.

With this BAFO, we are revising our proposed price for this project as indicated below:

Original Cost Proposal (base scope of work):	\$5,192,864
Revised Cost Proposal (base scope of work):	\$4,997,527
Control Room Modification Allowance:	\$300,000
Best and Final Offer:	\$5,277,527

This revised cost includes the \$300,000 allowance for the control room modification, the work described in our original May 31, 2017 proposal, and the clarifications noted in this submittal.



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Thank you for your consideration of our qualifications and experience and please contact me at (213) 457-2200 if you have any questions regarding our revised submittal.

Sincerely,

A handwritten signature in blue ink that reads "David Jensen". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

David D. Jensen, P.E., BCEE, LEED, AP
Vice President
CDM Smith, Inc.



600 Wilshire Blvd, Suite 750
Los Angeles, CA 90017
tel: 213-457-2200

May 31, 2017

Jesse Pompa
Inland Empire Utilities Agency
6075 "A" Kimball Avenue
Chino, California 91708

Subject: Request for Proposal (RFP) to provide Design-Build Services for the Regional Plant Nos. 4 and 5 SCADA Migration Project

Dear Mr. Pompa:

CDM Smith is pleased to submit our proposal for designing and implementing the migration of the SCADA systems at Regional Plants Nos 4 and 5 to the PlantPAx control system. In recognition of the importance of this project, we have assembled a team of our brightest and most senior professionals to lead and successfully deliver this project. Our integrated team provides the right combination of experience, technical expertise, and managerial skills necessary to develop control system improvements that provide the best value for Inland Empire Utilities Agency (IEUA) and will smoothly execute the SCADA migration process on schedule. In addition, our team provides IEUA with:



An Integrated Design-Build Firm: Our integrated team structure provides a single point of responsibility for all aspects of project delivery and our ability to self-perform the majority of the project allows us to provide better control over schedule, costs, quality, and safety. In addition, our unique ability to self-perform electrical and I&C work, as well as HMI and PLC programming, allows us to internally manage the technical aspects of the project.



A Collaborative Approach to Achieve Best Value: We recognized that IEUA is looking for more than just a design-builder who can implement the prescriptive elements of the RFP. Our approach is designed to create an open, collaborative process for decision making that provides the best value for IEUA by striking a balance between the needs of the users, the dynamics of the operations, and the capabilities of the SCADA system.



A Local Partner: This project will be managed out of CDM Smith's local design-build headquarters in Rancho Cucamonga, which is located less than 15 miles from IEUA headquarters. This office houses our UL 508A control panel fabrication facility which allows us to provide wholesale pricing for panels and greater control over delivery schedules and product quality. Our proximity to IEUA also will allow your staff to easily participated in factory tests.





Mr. Jesse Pompa

May 31, 2017

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As an authorized representative of CDM Smith, I am empowered to commit our firm and resources to the obligations in the RFP. Please feel free to contact me at (213) 457-2200 or jensendj@cdmsmith.com if you have any questions regarding our proposal, which will remain valid for a period of ninety (90) days.

Sincerely,

A handwritten signature in blue ink that reads "David Jensen". The signature is written in a cursive style with a long horizontal stroke at the end.

David D. Jensen, P.E., BCEE, LEED® AP

Vice President

CDM Smith Inc

SECTION A

Project Understanding

The Inland Empire Utilities Agency (IEUA) operates five treatment facilities which provide sewage treatment, solids waste handling, and recycled water throughout the west end of San Bernardino County. These plants are operated using a variety of control systems. IEUA recognizes that continuing to support systems of varying ages and differing capabilities will result in greater operational issues, increased operator time at the plants, and greater operations and maintenance (O&M) and support costs.

To address this situation, IEUA has initiated a program to upgrade the control systems of its five operating plants using Rockwell Automation's PlantPAx as the preferred platform. By standardizing on PlantPAx, IEUA's updated control systems will achieve higher reliability through built-in redundancy; provide a consistent look and feel which will reduce training time and allow for greater operational flexibility; and better support future growth through a modular control system. Through this program, IEUA is able to negotiate long-term pricing for hardware, software, and technical support from Rockwell and achieve better consistency by using Rockwell's recognized system integrators.



To complete the next phase of its upgrade program, IEUA is seeking a highly-qualified design-builder to design and implement the migration of the SCADA systems for Regional Plant No. 4 (RP-4), located in Rancho Cucamonga, and Regional Plant No. 5 (RP-5), located in Chino, to the PlantPAx Control System. To successfully execute this project, the selected design-builder must:

- have the technical expertise to deliver a comprehensive system upgrade that improves and streamlines the operator interface
- work cooperatively with IEUA to provide the best value solution
- provide the management and technical expertise to complete the project within the agreed upon schedule and budget
- understand system migration and wastewater treatment plant operation to maintain plant operations during the project
- ensure a safe working environment

CDM Smith provides the right combination of SCADA design and implementation expertise, wastewater treatment knowledge, and global design-build experience to successfully migrate RP-4 and RP-5 to a PlantPAx control system that provides IEUA with improved control, greater consistency, and reduced long-term costs.



An Integrated Design-Build Firm: As an integrated design-build firm, our ability to self-perform 95% or more of this project allows us to: provide better control over schedule, costs,

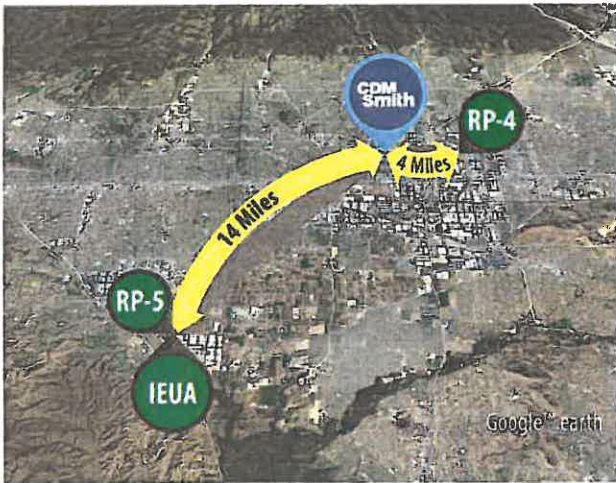
quality, and safety; reduce project risks; and balance the subcontracted work to provide the most competitive costs. Our unique ability to self-perform electrical and I&C work, as well as HMI and PLC programming, allows us to internally control and manage the technical aspects of the project.

Smith's Rancho Cucamonga office houses a UL 508A control panel fabrication facility. This facility allows us to provide whole sale pricing for panels and greater control over production/delivery schedules and product quality.



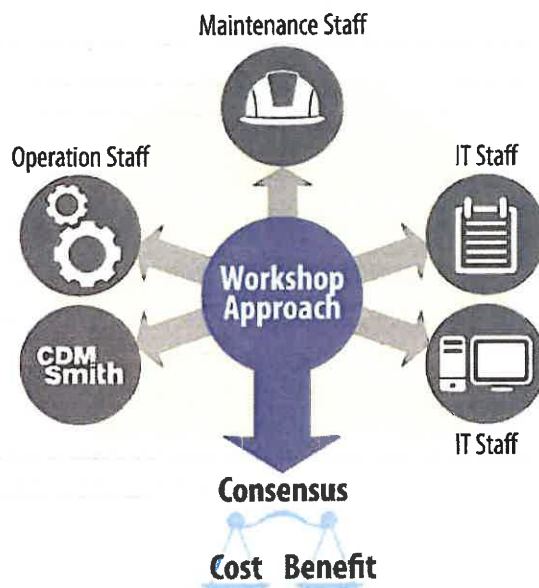
Collaborative Approach to Achieve Best Value: Essential to the success of this project is aligning the thoughts of the designer and IEUA's engineers, operators, and other system users

into a unified vision for the end product that will result in advocacy and ownership when the upgrades are completed. To achieve this, our overall approach is designed to create an open, collaborative process for decision-making that strikes a balance between the needs of the users, the needs of the process, and the capabilities of the technologies used to meet these needs. It is our goal to conduct a series of collaborative workshops to define key decisions early on to facilitate the smooth and timely completion of the SCADA migration.



A Local Partner: This project will be managed out of CDM Smith's Rancho Cucamonga office, which is located less than 15 miles from IEUA headquarters. Our office is also located 4 miles

from RP-4 and 14 miles from RP-5. Our proximity to IEUA headquarters and the plant sites allows CDM Smith to provide quick responses to project issues, better coordination with IEUA, and reduced travel costs. In addition, we will provide local factory tests which can be conveniently witnessed by IEUA staff. In addition to being our local design build headquarters, CDM

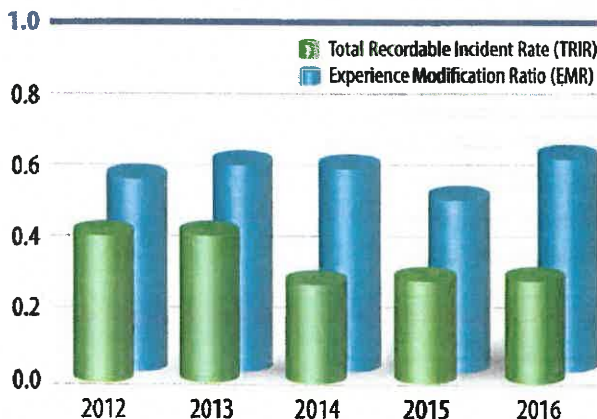




Maintaining Plant Operations: CDM Smith specializes in the design and construction for existing facilities. Whether we are retrofitting or rehabilitating a facility, we understand the importance of keeping an existing facility online and operational during our work. In particular, maintenance of flow and identification of unknown conditions are some of the challenges that we have faced on similar projects. Being able to leverage our wastewater facility experience to effectively address these issues differentiates CDM Smith from its competitors.

For the RP-4 and RP-5 SCADA migration, maintenance of plant operations is a primary requirement such that the SCADA improvements work does not interfere or reduce operating efficiency of the plants. To achieve this, we will employ a systematic approach to application program development and transitioning to the new system while portions of the existing system remain in operation. During transitioning, VPN operator access will be provided to both the existing system and the new PlantPax system.

A Comprehensive Safety Program: CDM Constructors' health and safety program is based on the principles that people are our greatest asset, accidents and injuries are preventable, and everyone is responsible for safety. Because of this approach, CDM Constructors' safety performance record significantly outshines the industry averages, with a current (2017) EMR of 0.65 - far below the industry average.



CDM Constructors fosters a culture of safety in the office, in the field and on construction sites, and we will prepare a comprehensive Safety Program that complies with the requirements of Occupational Safety and Health (OSHA). During construction, our team will constantly monitor compliance and correct any deficiencies as needed.

Over the past seven years, CDM Smith has received more than 50 awards for our safety performance. Both the City of Stockton's Delta Water Supply Project Design-Build and the U.S. Marine Corp Base Camp Pendleton Design-Build-Operate-Maintain Phase II Program were recognized by the National Safety Council for exemplary safety performance with 2012 Occupational Excellence Achievement Awards.

CDM Smith and IEUA will work in partnership to design and implement SCADA system improvements for RP-4 and RP-5 that provide consistency, higher reliability, and improved operational controls and reporting. CDM Smith provides the right combination of experience, technical expertise, and managerial skills necessary to develop control system improvements that provide the best value for IEUA and smoothly execute the SCADA migration process on schedule.

SECTION B

Scope of Work

While the RFP is very prescriptive with respect to submittals, workshops, planning required prior to field work, and how the migration should take place, we understand that IEUA is looking to work in collaboration with the design builder to develop the best value solution for the new control system. The following sections describe our approach to the scope of work and illustrate areas where CDM Smith's approach and/or capabilities offer added value to IEUA. These sections address our overall approach to project management, development of the design and programing, and field implementation.

Project Management

As a true design build firm, CDM Smith is unique in that it can offer an integrated approach to the design, programming, construction, and overall management of this very complex project. To properly define the project, our integrated team, many of whom have previously worked together on similar projects, will develop a detailed Master Submittal Register that includes a comprehensive list of all workshops, plans, and software and product submittals. This register will ensure both IEUA and CDM Smith staff are in agreement on project requirements and will help eliminate oversights that could disrupt work flow and delay the schedule.

Mark Martinez will serve as CDM Smith's project manager (PM) for the RP-4 and RP-5 SCADA Migration project. Mark will be supported by a Development Team (DT), led by Francisco Alcalá, and a Field Implementation Team (FIT), led by Colin Millet. Our PM, DT, and FIT will apply a systematic delivery approach that incorporates Intelligent P&IDs and smart tagging, PAC programming standardization, code reuse, implementation of high performance HMI graphics, methodical test procedures, and proven design build delivery practices.

Our management philosophy on this project will be a "bottom-up" approach wherein the professionals that are closest to the work and thus most familiar with the challenges they face will have the authority to make decisions to resolve problems expeditiously and efficiently. A key ingredient for this process to work is to make sure key decision makers are kept abreast of issues in the field and that communication lines are open to other team members.

Our PM will remain in close contact with the DT's lead engineer and the FIT's lead programmer and field superintendent throughout the workshops and as submittals are prepared. Our management team will include a Project Controls Engineer who will update and maintain the project schedule on a monthly basis. During the implementation phase, our PM will be in daily communication with the on-site Electrical/I&C Superintendent who will have primary responsibility for the 3 week look ahead schedule. In addition, daily pre-work meetings will help insure that communication channels remain open and all team members including plant operations are abreast of planned work activities for the day.

The DT will be responsible for organization of standard programming and HMI templates; implementation of programming to fulfill the control narratives; HMI

integration, database configuration and population; and integration with Factory Talk Historian, win911, and OSIsoft PI. The DT will oversee and coordinate the work of our Rockwell Solutions Provider developing the VantagePoint reporting software, provide integration and support during construction, and perform training of IEUA maintenance and operation personnel. The tasks of the DT will also include installation and configuration of servers and network components in the development environment.

The FIT will be responsible for the control room modifications; panel design, construction, and installation; field investigation; hardware installation; wiring and field connections; migration of the hardware components; software application startup; network components and fiber optic cable installation and testing; cutover execution; I/O and logic testing commissioning; and operational performance testing. The development team will also support the Witness Factory Test, initial system testing, and software deployment.

The following steps define the core processes we will employ to successfully complete the DCS migration:

- Project Management Plan development, including a comprehensive submittal register that defines workshops, product data and panel submittals, programming, migration and test plans, and training outlines
- Field assessment and information collection
- System architecture, panel design, and P&ID development

- Equipment and software procurement
- Control narrative review and update
- Programming and HMI standard definition, development and testing
- Panel design, construction and bench and factory testing
- Field wiring identification and labeling
- Control room modification
- SCADA equipment's installation and setup for I/O and control migration.
- Cutover execution, I/O and control migration and field demonstration test (Software Acceptance Test).
- Operation performance test
- Operator and maintenance Training

The Project Execution Flow Chart shown below provides a graphic presentation of the migration process described above.

Design, Programming, and Preconstruction Activities

Field Assessment Approach

The quality and completeness of the field assessment will be a key factor in developing the overall design and transition plans. The objective of the field assessment is to obtain all relevant

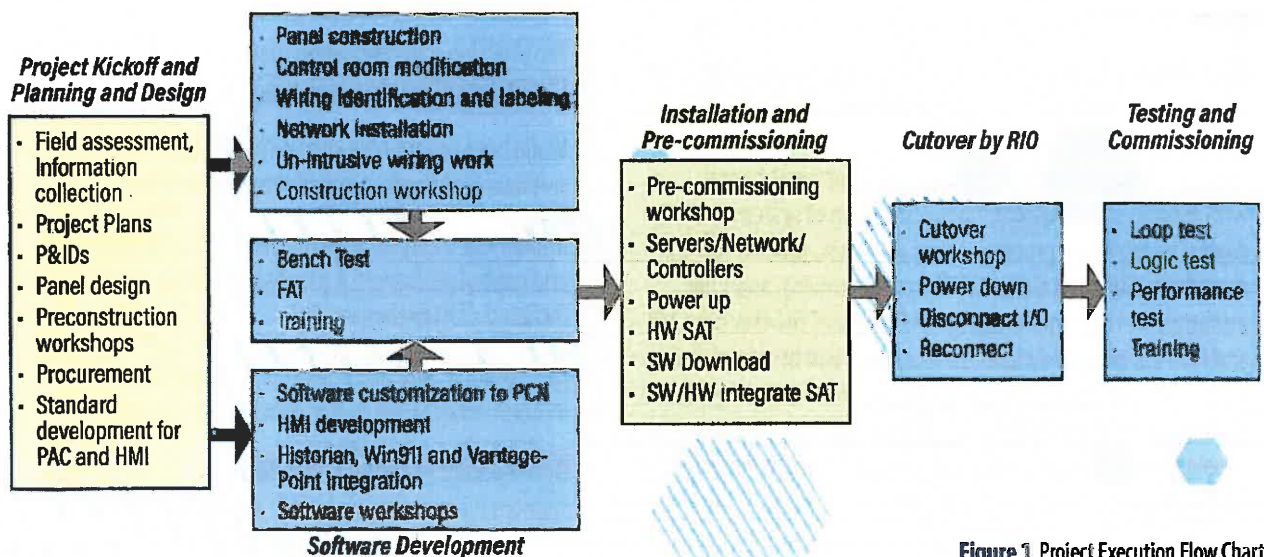


Figure 1 Project Execution Flow Chart

information required to successfully complete the migration of both plants to the Rockwell PlantPAx platform in a timely manner. During the assessment, the FIT will focus on collecting key information about the hardware conditions, control room layout and modification requirements, panel locations, I/O verification, conduit and wiring conditions, fiber optic and copper networks, process diagrams, existing control architecture, application and HMI screens, and other condition information. Concurrently, the team will interview operation and maintenance personnel to identify non-documented factors and challenges that may affect to the migration process. All the information collect during the field assessment will be organized to support the development of the new control system design and programming.

Design Approach

CDM Smith will use SmartPlant Piping & Instrumentation Diagrams (P&ID's) to customize IEUA's tagging standards and produce a common database that will be used during the migration and can be used for future modifications of IEUA systems. Smart P&ID's are based on the 2D process diagrams typically produced with an associated database. The "intelligence" is driven by associating the database with objects and tags within the drawings. Beginning with the creation of intelligent P&ID's, the design process utilizes this "single source" of data to drive the creation and updating of the control system design. The common database will also be used as input for panel design, bill of material, population of test forms and I/O check. The design will be implemented in a 70% and 100% delivery in synchronization with the workshop and submittal schedule.

Software Development and Implementation

CDM Smith will follow IEUA, PAC programming standards, SCADA development and testing guidelines, and high performance HMI programming standards as the basis for software development. The software development begins with establishing a thorough understanding of system and control architecture, process control diagrams, process control narratives, IEUA's standards for PAC programming, and high performance HMI requirements. Definition of the standard AOI and HMI template and standard faceplates will be complemented by a set of programming notes procedures that will guide the customization of the process control narrative into the PlantPAx development. These technical notes will include procedures for configuration and setup of the PlantPAx logic, FactoryTalk HMI, FactoryTalk Historian, Win911, VantagePoint, and Enterprise

Historian. Each technical note will include test procedures for the bench, factory, and commissioning test.

CDM Smith has developed a set of custom tools specifically for database conversions using Rockwell products which we will use during the RP-4 and RP-5 migrations. The use of these customized data conversion tools will allow the rapid integration of the legacy database into the new system and facilitate the overall transition process.

The network, servers, software configuration, and programming will be executed with special attention to applying cybersecurity best practices following the manufacturer, IEUA, and CDM Smith cybersecurity guidelines. The CDM Smith Automation Discipline Cyber Security Guidelines are based on ASCE/AWWA/WEF, Interim Voluntary Security Guidance for Wastewater/Stormwater Utilities and NIST 800-82: Guide to Industrial Control Systems (ICS) Security. Please see **Attachment A** for the CDM Smith Automation Discipline Cyber Security Guidelines.

The software development and implementation process is outline below:

- Review of existing information, including P&ID, control narratives, panel drawings and I/O list, client standards and all information relating to the software scope
- Field review to gather information to develop and complete P&IDs and I/O lists, and gather data needed to perform work
- Field site assessment for the control rooms modifications, panel modifications, conduit routing for fiber optic and copper cabling
- Panel design and fabrication (performed at the CDM Smith UL 508A certified shop in Rancho Cucamonga)
- Workshops to organize and verify all the hardware and software standards, components, and licensing.
- Implement the system architecture, P&ID development and control narratives. A proposed Network Architecture is included as **Attachment B**
- Development and installation of VantagePoint and integration with the FactoryTalk PlantPAx system
- Development of testing plans, Software Transition Plan, Training Plan, Software and I/O and device testing forms

- Completion of project workshops:
 - Overall System workshop
 - Electrical I&C and Mechanical workshop (if required)
 - SCADA System programming and standards workshops
 - Process and control narrative review workshops
 - Monthly progress workshop
 - 70% Project update workshop
 - Submittal preparation and review workshop
 - Testing, Training, Startup and Commissioning workshop
 - Hardware, Software and Network components installation and configuration
- Definition and collection of standard libraries; data conversion; development of display templates, HMI objects, and standards faceplates
- RP-5 Software development
- RP-4 Software development
- Integration of FactoryTalk and Enterprise Historian, VantagePoint, and Win911 OSISoft
- Bench and Factory Demonstration Tests
- RP5 software implementation, testing, and commissioning
- RP4 software implementation, testing, and commissioning
- Commissioning, deployment, and testing of FactoryTalk and Enterprise Historian and Win911 OSISoft
- Development of as built documentation
- Operator and maintenance staff training
- Warranty period support

Implementation Phase

Panel Design and Fabrication

CDM Smith has an in-house UL508A panel shop which will manufacture the new control panels and back panels with new hardware for existing panel enclosures. In addition, we are a licensed electrical contractor with a combination of certified IBEW journeyman electricians many of whom have been with CDM Smith for over 10 years. Personnel in our panel fabrication

facility design, fabricate, install, and commission custom-made instrumentation and control panels to match each project's unique requirements for size, mounting, environment, materials, accessories, and rating. Having our own panel shop allows us to self-perform over 90% of the instrumentation and control work on the project, which provide us with better control over the quality and schedule of the work. All work performed by our panel shop follows CDM Smith's rigorous Quality Management System which requires multiple checks of drawings, fabrication, and construction to minimize rework and maximize client value and satisfaction.

Due to our close proximity to the plant sites and IEUA headquarters, IEUA has the benefit of visiting our facility to confirm that the new control panels and back panels meet their requirements prior to seeing them installed in the field. Both unwitnessed and witnessed Factory Acceptance Tests will be standard protocol on all hardware and software systems for this project.

Using our design build implementation approach, the panel shop will directly interface and coordinate with disciplines groups within CDM Smith. This creates a more cohesive and expeditious delivery process, allows us to react quickly to design changes, and reduces time and effort required for all parties to address issues during the execution of the project. In addition, this synergy between engineering disciplines, field technicians, and programmers allows for a more cohesive and seamless start-up and commissioning process.



Testing and Commissioning

The test approach begins with the development of a comprehensive test plan that covers all hardware components and software. Our plan will follow IEUA SCADA development and testing guidelines for software testing and will include the development of test forms for I/O, devices, and logic. The use of Intelligent P&IDs will allow us to use a common database specifically oriented to link the tag list to the test forms. The testing plan will be executed following CDM Smith's rigorous quality assurance procedures for all test procedures.



conversion tool, making the data accessible throughout the new architecture. At the same time, Ethernet/IP can be deployed redundantly in self-sealing topologies. Additional steps were previously taken to mitigate risk by deploying of the factory tested faceplates and graphics which the operators are already trained and accustomed to, so that the new HMI is adopted very rapidly.

Phase II: The cutover plan will be adapted to the necessities and requirement of each plant and will be delineated as one of the key milestone on the transition plan. The emphasis of the cutover plan will be the documentation and preparation of the execution process to minimize the risk, reduce the time of the necessary shutdown and mitigation activities, and to ensure the continuous operation allowing the visualization on the new and old system in concurrent mode. A coordination and cross check plan between the field technician, system integrators, operator and supervisor will allow a smooth cutover process. A custom cable solution will be installed where it is required to provide a new path of communication from the existing ControlLogix I/O terminal points to the new RIOs. Communication gateway to vendors PLCs will be configured and mapped to the register database will be set as well.

The cutover and loop testing will be executed according to a well-planned, detailed schedule that has been validated by the plant operation and maintenance representatives. I/O and logic testing will be performed with the clear focus on each new I/O and services operating condition per schedule. FactoryTalk and Enterprise Historian, VantagePoint, Win911 OSIsoft integration will be included as an integral part of the testing.

DCS Migration and Transition Planning

Based on our experience with similar projects, we will develop detailed migration plans that are customized for each plant. The DCS migration process will be performed in two phases as described below.

Phase I: In this phase a new redundant server's infrastructure, new RIOs, or non-intrusive changes on existing panels will be set in place including installation of all the new SCADA software. An interface to existing clients will be put in operation through a Foxboro gateway (RP-5), a virtual thin client connection or a remote desktop session, along with dual monitors which allow the visualization of both systems throughout the migration process. Meanwhile the new clients will be readied for operation. Data will be converted to Logix native tags utilizing the database

Training

CDM Smith will provide training to IEUA staff, including several off-site, specific vendor training sessions related to maintenance and technical support of the new platform. For the training to be provided by CDM Smith on site, The primary objective of on-site training provided by CDM Smith will be to ensure that operations staff are familiar with the new SCADA system and know how to maneuver within the system, call up displays, acknowledge alarms, and perform other control functions. The secondary objective of this training is get operators familiar with the details of company-specific configuration including the graphics they will be controlling from, how the specific faceplates look, and how alarms are configured.

Our goal is to provide a comprehensive operator training program with the active participation of IEUA's operations and maintenance staff during the development workshops, system testing, and training sessions. During this process, we see ourselves as coaches who are there to assist IEUA's staff. For the maintenance staff, training will focus on maximizing knowledge transfer about the details of the hardware and software components.



Our specialists can **prepare, implement and perform comprehensive staff training programs** specifically geared to plant and personnel needs.

Field Implementation

The following sections define the sequence of work for the migration for each plant site.

RP-5 Migration

Prior to the start of construction work, CDM Smith will mobilize to the RP-5 plant with an office trailer and temporary facilities at a location directed by IEUA. Electrical and broadband internet service will be installed to the office trailer. Fulltime personnel assigned to the site will vary by workload but is anticipated to be an Electrical and Instrumentation Superintendent, journeyman electrician(s), senior programmer and junior programmer(s). The field team will be supported by the Project Manager and Construction Manager as well as additional programmers, SCADA technicians and engineers from the Rancho Cucamonga office as needed.

The proposed schedule shows the sequence of work for both plants and adheres to the desired sequence in the RFP. If

needed, the order of system migration will be refined after the workshops with Plant Operations. After the Factory Acceptance Test (FAT) of all servers and work stations, the DCP and servers will be installed at the RP-5 Server Room. This will involve consolidation of servers into spare spaces in existing server cabinets, removal of one of the server cabinets and the existing Foxboro DCS cabinet after migration of the data concentrator and ancillary equipment to the new DCP. There will be additional work performed including the reconfiguration of loads to UPS panels and possible upgrading of UPS units as well as patching the new server into the DLR ring.

After completion of network equipment, the focus will shift to the migration of I/O at the individual Power Centers. CDM Smith's management philosophy at this phase of the project is to take a "contingency approach" to scheduling. We will schedule a daily pre-work meeting between our key personnel on site and the plant operators to review the systems that are planned for migration for that day as well as any issues that may have arisen during Operational Performance Testing (OPT) of prior systems that have been migrated. During this informal morning meeting, we will also discuss any lessons learned from the prior day's migration that will help subsequent transitions go more smoothly. We will employ a 3-week look-ahead schedule that will be updated daily so that Plant Operations knows exactly what the planned sequence of equipment migration is. This allows both our programmers and electricians and Plant Operations to adjust the schedule when unexpected process flow or equipment conditions arise.

As required in the RFP, the first system to migrate will be the Plant Influent Process ("Pilot Plant"). Preceding this and all migrations will be Process Control Narrative (PCN) and Transition Plan workshops. There are constraints regarding the number of allowed workshops per week and time limits to submit a draft transition plan and develop the software and schedule control panel testing after the workshop that will be part of a detailed submittal register and detailed CPM schedule that will be developed.

The migration of I/O at each Power Center DCS (re-designated RTU cabinet) will essentially follow the Migration Plan in the RFP with some variation that we believe will improve the process. We will move the existing Rittal PC enclosure off the cover of the cable trench (we believe cables are long enough to allow this) and install the new Rittal HMI cabinet in its place. See **Attachment C** for a preliminary layout of this cabinet. The

new cabinet will have the HMI on the front door and the rear section will house the I/O modules. The plan is to replace one Foxboro FBM module at a time in the existing DCS cabinet with the Rockwell IFM module. The DCS cabinets have spare channel to mount the initial IFM's and then as migration progresses, the Foxboro FBM's will be removed to free up channel space. The IFM will have a premanufactured Cablefast cord that will be routed in the cable trench to the new Rittal HMI enclosure and to the appropriate new I/O module.

Our three-week look ahead schedule will detail PCN and Transition Plan workshops as well as which equipment or process system will be migrated on each day. For example, Influent Pump Station (IPS) Pump #1 including the VFD, pressure switch, and other equipment associated with this pump would be scheduled to be migrated to the new system on a Monday afternoon when flows are lower. In coordination with Operations and our electrician, lock-out/tag-out would be implemented to disconnect all power to the affected control conductors. The CDM electrician would then transfer all wiring associated with this load utilizing a termination or "laydown" sheet that lists the number of the field conductor and the corresponding terminal point on the IFM module. After completion of the physical wiring move, the CDM on-site programming team with an electrician will begin to check-out that all points are visible on the PlantPax system and will perform the logic loop checks in insure that they conform to the PCN. The team will then be ready to re-energize the IPS #1 system and perform the Software Site Acceptance Test (SAT). A binder will be kept with all necessary check-off forms for use by our team and IEUA personnel as the system is operated on the PlantPax platform.

After the SAT is accepted, the OPT period will begin and a log will be kept by Plant Operations to document any irregularities with the system. During this period, the IPS #1 system can be operated by both the PlantPax software as well as the current Foxboro DCS system by use of the new redundant server's infrastructure, new RIOs or non-intrusive changes on existing panels which will be set in place including installation of all the new SCADA software. An interface to the existing clients DCS will be put in operation through a Foxboro gateway, a virtual thin client connection or a remote desktop session, along with dual monitors which will allow the visualization of both systems throughout the migration process. Meanwhile the new client's workstation will be ready for operation. Data can be converted to Logix native tags utilizing the database conversion tool, making the data accessible throughout the new architecture.

At the same time, Ethernet/IP can be deployed redundantly in self-sealing topologies. After completion of the transition, our team will confirm the Historian is correctly recording data from the system, VantagePoint reports are correctly generated and confirm that alarms are working on both the PlantPax as well as the Raco and WIN-911 system as applicable. As the number of systems that are transitioned grows, it is our intent to add an additional programmer to the onsite team to deal promptly with OPT issues that may arise. This will allow the core team to continue to progress with transitioning new systems and maintain the schedule.

As the completion of the system transitions at RP-5 approaches, CDM Smith will complete as-built documentation. As-built documentation will be transmitted after completion of each RTU that is transitioned to minimize the time required at the end of the RP-5 migration activities. The team will move to the RP-4 site while maintaining a presence at RP-5 to resolve any OPT issues. As those issues are resolved, we will demobilize our site office and service any OPT and warranty issues on an on-call basis.

RP-4 Migration

The migration of RP-4 systems will follow the same general sequence used at RP-5 and will be facilitated due to the plant already having a legacy Rockwell SCADA platform in place. Work will commence in the Server and Control rooms and interior remodeling will be done as described in the preferred options. Transfer of the data concentrator, RACO pager Contrologix I/O modules from the existing RTU-4 to the new DCP will be performed. In addition, new fiber optic cable will be installed to achieve the desired DLR topology.

Of particular challenge at RP-4 is the relocation of the network equipment in the existing electrical/switch room (aka "garage") to the existing and new server racks in the Server Room. Our approach to this seeming conundrum will be to assign a SCADA technician and electrician to tag and as-build the destination of every cable that terminates in the rack using whatever plant documentation is available. After this information is tabulated and analyzed, we will design an overhead cable tray system to route the cables to the new location. Conductors that are too short to reach will be extended via a fiber optic or ethernet patch panel to be located preferably at an accessible location in conditioned space. Until it has been determined which cables are too short, it will not be possible to size the rack required and determine space constraints. The actual movement of cables

to new patch panels will require close coordination with plant operations.

The server racks will be populated with new network equipment comparable to the existing and then each cable which has been identified with the system it serves will be moved to the new switch or patch panel. It may be required to do this work during off-hours to minimize disruption to plant operations as well as expedite cable installation in the plenum above the ceiling. Performing this work during off hours would also provide a safer work environment for both CDM Smith and Plant Operations employees due to the close quarters in the Administration Building. Our approach is premised on performing this work during off-hours and with Operator support as communications cables are migrated to new network equipment in the Server Room.

Once work is complete in the Administration Building and the servers, PLC processors and fiber optic backbone have been installed and tested, the team will proceed to the MCC-1 Building and RTU-1. The plan at this RTU is to install a pre-fabricated backboard with new I/O and IFM modules at the space available at the lower left side of the cabinet. Premanufactured cords will be installed to the existing IFM's to eliminate having to transfer

field wiring. New PLC processors will be installed at available spare spaces on the existing channel at the top of the cabinet. We will again follow the protocol established at RP-5 and begin to transfer individual systems and sub-systems based on a schedule that has been developed in close coordination with the Plant Operators. After successful completion of the SAT for each system, the OPT will begin and the team will move onto the next system. Again, an atmosphere of "contingency planning" will prevail as the team will be prepared to move to alternate systems in the event there are unexpected changes in process flow or equipment availability that make last minute changes necessary. With the legacy Rockwell PLC equipment and new PlantPAX platform in place, operators will be able to see control systems concurrently through new redundant server's infrastructure, new RIOs or non-intrusive changes on existing panels which will be set in place including installation of all the new SCADA software. An interface to the existing clients will be put in operation through a virtual thin client connection, along with dual monitors which will allow the visualization of both systems throughout the migration process.

Both RTU-1A and RTU-1B will essentially become junction boxes as all I/O will be moved to RTU-1. In the case of RTU-1A which is contiguous with RTU-1, conduit will be installed between the two cabinets and field wiring will be extended into the IFM's in RTU-1. RTU-1B which resides in the primary clarifier area will have field wiring extended to RTU-1 via a spare fiber optic conduit. No physical work is required in RTU-1C; however, I/O and loop logic checks will need to be made when the systems are transferred to the PlantPax platform. RTU-1D is the IPS Pump Control panel. We will relocate the local selector switches and pilot lights to MCC -1, rewire the starter buckets and unless spare conduits are located, provide conduit and wire from MCC-1 to RTU-1 for the relocated I/O. This work will require coordinated outages with Plant Operations to allow our electricians to work safely during conduit, wiring pulling and termination activities. In addition, new emergency stop pushbuttons will be installed at the pump station for each of the IPS pumps. This will require new conduit and wire back to RTU-1D and then use of spare conductors to the MCC. New intermediate terminal strips will be installed as required.

Work in RTU-2 and RTU-2A in the MCC-2 Building essentially follows the same scenario as RTU-1 but without any significant field work. A prefabricated backplate with new I/O modules will be installed in the existing RTU-2 cabinet with prefabricated cords to existing IFM modules to eliminate transfer of field



wiring where possible. Field wiring will need to be extended from RTU-2A to RTU-2.

Work associated with RTU-3 in the MCC-3 Building will involve adding conduit and wire on the Aeration Basins. Fiber optic cables will be added from RTU-3 to a new fiber optic switch cabinet at the Basin. Ethernet cables in new conduit will be extended to each of six existing Flex I/O panels on the Basins. For the most part, conduit can be installed along the handrails on existing supports. However, new diamond plate steel walkway bridges will need to be installed to allow the conduit to pass across the walkways. Once all cable is installed and tested, migration of the valves and instruments on the basins can begin. To enhance the schedule, our approach will be to accomplish the conduit and wiring work well ahead of the planned system migration dates.

Work associated with RTU-5 in the MCC-5 Building and RTU-5B in the MCC-5B Building also follows similar sequences as previously described. I/O for the reclaimed water system at RTU-5 will be transferred to RTU-5B as RIO. This will involve installation of an ethernet cable through existing conduit between the two cabinets. The PLC processor at RTU-5C which resides at the Reservoir will be upgraded to a CompactLogix PLC. RTU-6 in the MCC-4 Building will have all I/O reconfigured as RIO which will require a new ethernet switch.

On both RP-4 and RP-5, there are many vendor equipment packages which are controlled by their own factory provided PLC's and I/O modules that reside in a skid or remotely mounted local control panel. The IO from these panels is listed as soft

IO in the RFP. Vendor PLC integration will require that each Vendor supply a list of tag arrays for CDM Smith to be used in the interface programming portion of the PACs and PAX. This information should be made available to CDM Smith as soon as possible after contract award. The Vendor must be available during the preliminary testing of each soft I/O from Vendor PLC into the PACs and PAX. This will assure communications from Vendor PLC is established as well as functional monitoring and controls to the PACs and PAX. For purposes of this proposal, we have assumed that all the data and logic from these panels is reporting and operating satisfactorily and optimally. Thus, we will check that all IO points are reporting into the PlantPAX platform but have not included time to perform logic loop checks on these systems. If there are logic or performance issues with these vendor supplied packages after migration, we must assume that it was a preexisting condition that will need to be resolved by the Vendor. We will certainly help in any integration into the new SCADA platform that the vendor may require.

After completion of RP-5 migrations, the team will complete all as-built documentation and provide support for any OPT issues that arise. Contract close-out will commence.

As specified in the Summary of Work section of the RFP (p. A-11), Rockwell Automation Services will determine the useful life of their equipment and third party equipment in panels and develop a recommendation for the number of spares needed. In addition, Rockwell will update the Installed Base Evaluation database to account for the new equipment for each plant. Rockwell has provided a detailed scope of services which is included in this proposal as **Attachment D**.



Attachment A
CDM Smith Automation Discipline
Cyber Security Additions to
Design Guidelines

PART 1 INTRODUCTION

1. PURPOSE AND SCOPE

The primary intent of these guidelines are to standardize our approach to incorporating cyber security into our current design process to enhance the quality and consistency of Automation Engineering work performed at CDM Smith. These guidelines are a supplement to the Automation Design guidelines.

--- No further additions in Part 1 ---

PART 2 DESIGN PROCESS

- 1. ASSIGNMENT OF PROJECTS OR TASKS**
- 2. BUDGET TRACKING**
- 3. PROJECT PLANNING**
- 4. DETERMINING THE TECHNICAL DESIGN REQUIREMENTS**
 - a. Internal Coordination**
 - b. Design Checklist**

Relevant cyber security guidelines

- ASCE/AWWA/WEF, **Interim Voluntary Security Guidance for Wastewater/Stormwater Utilities**, 2004 (especially Section 5 – Cyber Security). The primary purpose of this document is to provide considerations for the design of wastewater and stormwater systems that can help to reduce the risks posed by malevolent threats. The document is intended to be used by wastewater and stormwater professionals who have completed a vulnerability assessment and are looking for ways to improve the security of their system through utility management, facility operations, and infrastructure design. www.wef.org/WorkArea/DownloadAsset.aspx?id=3605
- ASCE/AWWA/WEF, **Interim Voluntary Security Guidance for Water Utilities**, 2004. The purpose of this guidance is to provide a centralized starting point for utilities as they incorporate modern security practices into the construction or retrofit of their water systems. The guidance focuses on these four common principles: Maintaining decision-making about security at the local utility level

- •Developing a balanced approach to security by applying design, management, and operations strategies
- •Developing cost-effective solutions
- •Successfully introducing security into the culture of water utilities.
www.awwa.org/awwa/science/wise/report/cover.pdf
- **NIST 800-82: Guide to Industrial Control Systems (ICS) Security.** As part of the continuing effort to provide effective security standards and guidance to federal agencies and their contractors in support of the Federal Information Security Management Act and as part of the effort to protect the nation's critical infrastructure, NIST continues to work with public and private sector entities on sector-specific security issues. 800-82 is a guide to Industrial Control Systems Security.
<http://csrc.nist.gov/publications/nistpubs/800-82/SP800-82-final.pdf>
- **ANSI/ASCE/EWRI 56-10, Guidelines for the Physical Security of Water Utilities** (also 57-10 wastewater/stormwater). Available through InfoCenter on Techstreet
- **ANSI/ASCE/EWRI 57-10, Guidelines for the Physical Security of Wastewater/Stormwater Utilities.** Available through InfoCenter on Techstreet
- **ANSI/AWWA G430-09, Security Practices for Operation and Management.** This has received Safety Act designation in 2012 and provides immunity from lawsuits if the standard is followed. Available through InfoCenter on Techstreet
- **ANSI/ASME-ITI/AWWA J100-10, Security Practices for Operation and Management.** This has received Safety Act designation in 2012 and provides immunity from lawsuits if the standard is followed. Available through InfoCenter on Techstreet
- **AWWA & Department of Homeland Security (DHS), Roadmap to Secure Control Systems in the Water Sector,** www.awwa.org/files/GovtPublicAffairs/PDF/WaterSecurityRoadmap031008.pdf

Other cyber security resources:

- ICS-CERT, www.us-cert.gov/control_systems/
- Automation Standards Compliance Institute (ASCI), ISA Security Compliance Institute (ISCI), www.isasecure.org/
- DHS, US-CERT Tool, www.us-cert.gov/control_systems/satool.html
- ODVA. ODVA is an organization that supports network technologies built on the Common Industrial Protocol (CIP™) — DeviceNet™, EtherNet/IP™, CompoNet™, and ControlNet™. The following link is a great reference to a PDF that explains the basics of Securing EtherNet/IP networks
[www.odva.org/Portals/o/Library/Publications Numbered/PUB00269Ro ODVA Securing EtherNetIP Networks.pdf](http://www.odva.org/Portals/o/Library/Publications%20Numbered/PUB00269Ro_ODVA_Securing_EtherNetIP_Networks.pdf)

c. Communication with Client

Discuss the following cyber security items with the client when discussing the technical approach:

- Check if a Vulnerability Assessment that has a Cyber Security component is available. (IVSG-WW 5-3)
- Coordinate (and partner) with utility IT department (IVSG-WW 5-4)
- Use third party to evaluate firewall and IDS effectiveness (IVSG-WW 5.4.1.2, IVSG-W 5.6.1)

- Ask about the availability of VPN connections for outside users (IVSG-WW 5.4.1.2)
- Ask about versions in use and check Operation System, Anti-virus, applications are up to date with current patches
- Identify and characterize (to port level) all connections between business and control networks (IVSG-W 5.6.1)

5. INFORMATION AUTOMATION NEEDS TO COMPLETE THEIR WORK

The following table illustrates many of the cyber security items that need coordination with other disciplines.

Discipline to Coordinate With	Automation Discipline Coordination Item(s)
Process Mechanical	<ul style="list-style-type: none"> ▪ Nothing additional to normal design guidelines.
Electrical	<ul style="list-style-type: none"> ▪ Uninterruptible Power Supply sizes ▪ Security Systems
Site/Civil	<ul style="list-style-type: none"> ▪ Nothing additional to normal design guidelines.
HVAC/Plumbing	<ul style="list-style-type: none"> ▪ Nothing additional to normal design guidelines.
Structural	<ul style="list-style-type: none"> ▪ Nothing additional to normal design guidelines.
Architectural	<ul style="list-style-type: none"> ▪ Control room and server closet design incorporating Cyber security features

6. RECOMMEND CYBER SECURITY DELIVERABLES AT DESIGN MILESTONES

- 10 Percent Design deliverable (Internal)
- 30 Percent Design deliverable
- 60 Percent Design deliverable
- 90 Percent Design deliverable

--- No further additions in Part 2 ---

PART 3 EXPLANATION OF DESIGN DELIVERABLES

--- No further additions in Part 3 ---

PART 4 TECHNICAL CONSIDERATIONS DURING DESIGN

1. INTRODUCTION

When referencing a guideline, the following abbreviations are used:

IVSG-WW	Interim Voluntary Security Guidance for Wastewater/Stormwater Utilities (ASCE/AWWA/WEF)
IVSG-W	Interim Voluntary Security Guidance for Water Utilities (ASCE/AWWA/WEF)
NIST 800-82	NIST 800-82: Guide to Industrial Control Systems (ICS) Security.
GPSWU	Guidelines for the Physical Security of Water (Wastewater/Stormwater) Utilities (ANSI/ASCE/EWRI 56-10 (57-10))

2. DRAWINGS

a. Control System / Network Architecture Drawings

The following cyber security items should be addressed on these drawings.

- Segment business and control networks using Air Gap, Dual-homed Servers, Routers, and Firewalls. (IVSG-WW 5.4.1.2, IVSG-W 5.6.1). Air Gap is not recommended in CDM Smith.
- Implement Firewalls in a layered approach (IVSG-W 5.6.2)
- Segment business and control networks using dual firewalls with middle DMZ (NIST 800-82 5.3.6)
- Review Router ACL policy configuration (IVSG-W 5.6.1)
- If public or business networks are used for control data, consider using VPN connections (IVSG-WW 5.4.1.2, Use third party to evaluate firewall and IDS effectiveness (IVSG-WW 5.4.1.2, IVSG-W 5.6.2)
- If dial-up telephone modems are needed Use design tips in 5.4.2 (IVSG-WW 5.4.2, IVSG-W 5.6.3). Telephone modems pose unique security risks, so avoid using them if at all possible.
- Consider encrypting devices or spread spectrum radios for RTU commands (IVSG-WW 5.4.2, IVSG-W 5.6.4)
- Consider encrypting radio traffic. Using Spread spectrum radios is suggested. (IVSG-WW 5.4.3)
- Use redundant SCADA servers (IVSG-WW 5.5, IVSG-W 5.6.1)
- Use an IDS at the internet gateway (IVSG-WW 5.4.1.2, IVSG-W 5.6.2)
- Consider a backup method to collect remote data if primary communications fails (i.e. backup communications or procedure) (IVSG-W 5.6.1)
- Provide redundant communication paths for Saboteur/Insider threats (GPSWU)

b. Control Room Drawings

This likely appears on an Architectural drawing. The following cyber security items should be addressed on these drawings.

- Restrict access to control rooms with tracking locks.(IVSG-WW 5.4.5)
- Harden control room doors, windows, walls.(IVSG-WW 5.4.5)
- Implement restricted access to SCADA control room (IVSG-W 5.6.1)

c. Server Closet Drawings

This likely appears on an Architectural drawing. The following cyber security items should be addressed on these drawings.

- Put SCADA servers in lockable, climate controlled area (IVSG-WW 5.4.5)
- Provide climate controlled locked enclosure for SCADA servers and networking components (IVSG-W 5.6.1)
- Restrict access to the network server room with tracking locks (IVSG-WW 5.4.5)
- Backup power (4 hr minimum) including UPSs and possibly generator for network equipment (IVSG-WW 5.5)

d. Electrical Plan Drawings

The following cyber security items should be addressed on these drawings.

- If WiFi is used, locate the access points to minimize broadcast area to within the needed areas. Avoid placing so that coverage extends over the fence line. (IVSG-WW 5.4.3, IVSG-W 5.6.4)

3. SPECIFICATIONS

a. Testing

b. 13303 (40 9030) – Training

The following cyber security items should be addressed in this specification.

- Cyber security training including training for password creation & use, Rouge networks, Off site computers, system log out rules. (IVSG-WW 5.2, 5.6)
- Routinely back up all SCADA programs for PLCs, RTUs, SCADA servers and other programmable devices for recovery. Store offsite. (IVSG-W 5.6.1)
- Contract of periodic evaluation using a third party to evaluate firewall and IDS effectiveness (IVSG-WW 5.4.1.2, IVSG-W 5.6.2)

c. 13306 (40 9635) – Application Engineering Services

The following cyber security items should be addressed in this specification.

- Computer/Network - Verify current anti-virus, application security patches, change default passwords (IVSG-WW 5.4.1.2)
- HMI - Configure Individual logon credentials to access SCADA (IVSG-WW 5.4.4)
- HMI - Configure SCADA privileges to match responsibility level (IVSG-WW 5.4.4)
- HMI/OS - Configure log files track operator actions (IVSG-WW 5.4.4)
- General - Use appropriate password strength rules (IVSG-WW 5.4.4)
- HMI - Configure timeout to protect against empty control room (IVSG-WW 5.4.4)
- PLC/HMI - Limit set point ranges to safe values (IVSG-WW 5.4.4)
- HMI - Use version tracking for SCADA system changes (IVSG-WW 5.4.5)
- Computers - Backup SCADA servers and programming workstations nightly. (IVSG-WW 5.4.5)
- Computers - Verify that server and workstation backup system works. Provide a copy for offsite storage (IVSG-W 5.6.1)
- Computers - Install anti-virus software with daily updates (IVSG-WW 5.4.5, IVSG-W 5.6.1)
- HMI/OS - Change all OS and HMI passwords from default (IVSG-WW 5.4.5, IVSG-W 5.6.1)

- HMI - Set passwords to auto expire (IVSG-WW 5.4.5)
- HMI - Use (configure) redundant SCADA servers (IVSG-WW 5.5, IVSG-W 5.6.1)
- PLC - Require password for program changes to controllers (i.e. PLCs) (IVSG-WW 5.4.4)
- Radio/PLC - Provide loss of communication alarms for Radios (IVSG-WW 5.4.3, IVSG-W 5.6.4). Also provide for PLCs (BI).
- Computers - Consider "physical security measures" for general machines located in exposed locations such as on top of tables or under desks. Examples include USB Port Locks, Removing / Disabling USB/CD/DVD disk drives, etc. These features could be disabled through software as well. (Internal)
- Computers - Disable auto-play on all USB and CD/DVD (Internal)
- Make sure HMI software security is enabled and graphics and database actually are configured to require a security group membership to write commands (Internal)
- Do not run HMI software in default Windows administrator account (internal)
- Do not run HMI software services in default Windows system account
- Document Disaster recovery. Can we rebuild the system if it is destroyed, including historical data for EPA driven reports?
- If using WiFi, configure encryption at an appropriate security level, turn off beaconing (IVSG-W 5.6.4)

d. 13307 (40 9052) – Support of Application Engineering Services

The same items as 13306 (40 9635) – Application Engineering Services.

e. 13310 (40 9413) – Computer System Hardware

The following cyber security items should be addressed in this specification.

- Provide anti-virus software (IVSG-WW 5.4.5, IVSG-W 5.6.1)

f. 13311 (40 9443) – PLC Hardware and Software

The following cyber security items should be addressed in this specification.

- Include ability to require password to make programming changes (IVSG-WW 5.4.4)

g. 13315 (40 9443) – HMI System Software

The following cyber security items should be addressed in this specification.

- Supports Individual logon credentials to access SCADA (IVSG-WW 5.4.4)
- Supports SCADA privileges to match responsibility level (i.e. Groups) (IVSG-WW 5.4.4)
- Supports log files track operator actions (IVSG-WW 5.4.4)
- Supports automatic password timeout to protect against empty control room (IVSG-WW 5.4.4)
- Supports Limiting set point ranges to safe values (IVSG-WW 5.4.4)
- Supports version tracking for SCADA system changes (IVSG-WW 5.4.5)
- Supports passwords auto expiration (IVSG-WW 5.4.5)
- Supports redundant SCADA servers (IVSG-WW 5.5, IVSG-W 5.6.1)
- Supports security at the graphics and database level to require a security group membership to write commands (Internal)

h. 13320 (40 9510) – Control and Data Networking Equipment

The following cyber security items should be addressed in this specification.

- If used, specify routers, firewalls (IVSG-WW 5.4.1.2)
- Firewalls should be stateful packet inspection or proxy served (IVSG-WW 5.4.1.2, IVSG-W 5.6.2)
- Specify an IDS if needed
- If using WiFi, require encryption at an appropriate security level (IVSG-W 5.6.4)

i. 13330 (40 9513) – Control Panels and Panel Mounted Equipment

The following cyber security items should be addressed in this specification.

- Specify lockable PLC cabinets (IVSG-WW 5.4.5, IVSG-W 5.6.1, GPSWU A 12.1)
- Specify lockable Radio cabinets (IVSG-W 5.6.4, GPSWU A 12.1)
- Specify an intruder switch on control panels (IVSG-W 5.6.1, GPSWU A 12.1)
- Provide radio cabinets tamper alarms (IVSG-WW 5.4.3, IVSG-W 5.6.4)

j. 13335 (40 9514) – Uninterruptible Power Supply (Single Phase)

The following cyber security items should be addressed in this specification.

- Specify UPS for servers, network equipment, and vital workstations. (IVSG-WW 5.5, IVSG-W 5.6.1)
- Specify 4 hr minimum of backup power for SCADA servers, workstations, and network equipment. If using a generator, the UPS only has to supply enough power to provide time for the generator to start (30 minutes). (GPSWU A.12.0)

k. Radio Specification

The following cyber security items should be addressed in this specification.

- Spread spectrum radios are preferred (IVSG-WW 5.4.3, IVSG-W 5.6.4)

--- No further additions in Part 4 ---

Attachment D

1 Rockwell Automation Statement of Work

A Rockwell Automation Installed Base Evaluation is designed to support the decision making process on where to initiate improvements and how to implement an effective maintenance strategy. Establishing a baseline of your manufacturing environment can be done effectively through on-site evaluations of key areas, spanning from the installed base to the storeroom inventory. After performing a customized Installed Base Evaluation, Rockwell Automation will make solution recommendations based on biggest challenges or most important priorities. The evaluations help bridge the gap between current state and end goals.

An Installed Base Evaluation can support the following goals:

- Managing asset lifecycle, spare parts & inventory reduction – keeping inventory down, maintaining high quality and production on plan while understanding the lifecycle status of your automation assets
- Resolving on-site skills shortages – developing a workforce to have the knowledge to support new, obsolete or legacy equipment
- Maximizing your asset performance – utilizing resources to the fullest potential while keeping maintenance costs down
- Enabling IT & plant floor convergence – having the capability and expertise to develop secure architectures and support plans
- Reducing energy consumption – proactively develop a sustainable energy plan
- Ensuring systems are up-to-date on global and industry standards for safety, arc flash and regulatory compliance
- Reducing production downtime – minimizing the environmental impact and time to recover.
- Reducing sunk costs that are associated with the cost of capital, taxes, insurance, obsolescence, space equipment, people, systems, etc.

Managing Change

An effective Installed Base Evaluation is not a one-time snapshot. On a regular basis your plant environment changes – new technology is added, safety and energy targets become more stringent, people's skills fluctuate, etc., and data from last year or even the last six months may be outdated. Therefore, we recommend establishing a regular cadence to refresh your data. Our Installed Base Evaluation is structured to securely manage and update information in your plant on an annual basis, making it an integral part of your maintenance planning process.

1.1 Basis for Statement of Work

This proposal is based on a request for an Installed Base Evaluation. This Installed Base Evaluation includes the following services:

1.1.1 Hardware IBE Scope

IBE Service: Level 2

Description: All repairable equipment (RA and 3rd party)

Number of Panels:50

Include Storeroom: Yes

Include Annual Refresh: Yes (1 refreshes)

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1.1.2 Hierarchy

Rockwell will develop a hierarchy with the following information as defined by CDM while onsite.

CDM Hierarchy

- Facility (Facility Name).
 - Area (Packaging, Manufacturing, Preparation, etc.)
 - Location (Line #2, Line #3, etc.)
 - Machine – System Name (ie. Wrapper #2D, Hopper #1A, etc.)
 - Asset – Panel #

1.2 Solution Description

1.2.1 Installed Base Evaluation Process

An Installed Base Evaluation (IBE) will begin with Rockwell Automation collecting and documenting details regarding installed equipment inventory, storeroom inventory and condition, panel condition, environmental condition, and wiring / grounding condition and ventilation condition. The Installed Base Evaluation begins by developing a plant hierarchical model to define the functional location of the installed parts and will include the following data collection:

- Installed equipment
- Spares and stash inventory
- Plant operating hours
- Environmental conditions: grounding, wiring, ventilation, and possible corrosive conditions, etc.

This report is based only on a visual inspection of equipment in the operating state and the physical location that existed at the time of inspection. Neither the part inspected nor the surrounding equipment was moved, taken apart or otherwise investigated. Thus, the content provided in this report is based only on information that is readily discernible by visual observation.

1.2.2 Installed Base Evaluation Deliverables

Rockwell Automation will provide an executive summary that will include ranking and prioritization of tasks from all evaluations, with more detailed rankings within each individual evaluation report. This report will be presented to the customer with one review cycle.

The installed Base Evaluation provides the following:

- Review and categorization of inventory focusing on quantifying four major categories of inventory:
 - Active: Necessary to support installed process equipment
 - Inactive: "Obsolete" inventory not required to support process
 - Excess Active: Active, but over stocked inventory
 - Stash: Valuable inventory throughout the plant that is not recorded or visible to the inventory system
- Review and categorization of the lifecycle to provide the information, analysis, and recommendations needed to mitigate the risk of aging assets and protect the investments made in the automation infrastructure:
 - Active (Green): Most current offering within a product category.
 - Active Mature (Light Green): Product is fully supported, but a newer products exists. Gain value by migrating.
 - End of Life (Yellow): Discontinued date announced; actively execute migrations and last time buys.
- Discontinued (Red): New product no longer manufactured/procured; repair/exchange services may be available.
- Environmental conditions: grounding, wiring, possible corrosive conditions, ventilation, etc.
- Recommended Spares Report using product Mean time between failure (MTBF) and operating hours.
- Rockwell Automation Inventory analysis to provide a snapshot view of current inventory levels in storeroom and stash compared to recommended spares. This analysis also identifies insufficient inventory, excess inventory and lifecycle status of installed base.
- Non-Rockwell Automation Installed Base (If Applicable) to provide listing of installed non-Rockwell Automation products.
- Detailed Installed Base to provide a detailed installed by location which includes part number and quantity in each location.

The information contained in this document consists of technical, commercial and/or financial information which is confidential and proprietary to Rockwell Automation, Inc. This information is furnished in confidence and with the understanding that it may not be disclosed to third parties or reproduced or used, in whole or in part, for any purpose other than evaluation of this document. The recipient agrees to return the document to Rockwell Automation upon request.

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- Products by Location to allow customer to search by part number to find all areas that the part is installed.

No remediation is provided as part of this service, as the nature of findings is indeterminate at study commissioning. This service may result in additional performance evaluation services, immediate service calls to remediate the risks, additional work to identify and resolve design or implementation issues or additional work to enable energy savings identified.

1.2.3 Installed Base Evaluation (IBE) Scope of Services

1.2.3.1 Definition

Within this Scope of Services description, "Rockwell Automation" shall mean Rockwell Automation's team, "Customer" shall mean the client using and benefiting from the proposed services or products. Installed Base Evaluation services include assessment, development, implementation, audit and management services.

1.2.3.2 Rockwell Automation's Responsibilities

The following is included in the Rockwell Automation's scope of work:

- Perform work and provide products in accordance with the written Rockwell Automation proposal and any other specifications, which are agreed upon in writing.
- Provide documentation noting recommended corrective actions and or documentation noted as a deliverable.
- Work with Customer to develop a Project Schedule that will include services for all systems outlined in the Rockwell Automation proposal and a formal written report for each network.


1.2.3.3 Customer's Responsibilities

The following is not included in Rockwell Automation's scope of work and will be provided by the Customer or its designated representative:

- Designate a representative authorized to act in the Customer's behalf with respect to this project to schedule activities as requested, provide documents and have questions answered in a timely manner. This representative should have a working knowledge of the equipment or process and shall schedule knowledgeable customer representatives from multiple disciplines as necessary to provide access to the system and participate in the evaluation (when applicable) for the duration of the onsite portion of the service.
- Make the equipment or process available to Rockwell Automation's engineers during the mutually agreed upon schedule. Ensure Rockwell Automation has unencumbered access to all of the machinery. Standby-time or idle time waiting for access to the machinery or customer personnel is not required
- Customer retains all liability with respect to their interpretation and implementation based on the assessment.
- The assessment services will apply to the system in its current state at the time the work commences.
- Rockwell Automation will be able to take digital pictures of the equipment for use in the assessment documentation (as appropriate)
- Customer to identify any special requirements for access to the machine prior to Rockwell providing a proposal (Gowning, Clearance Requirements, Photo Restrictions, hours of operation of the equipment, access to customer representatives for asking questions about the equipment, Non-Disclosure requirements, etc.)
- If available, customer to provide top view drawings to Rockwell Automation prior to the site visit
- Supply all necessary components for any changes to the system recommended during the evaluation process. Rockwell Automation can supply the necessary components and assistance for the recommended corrective actions at an additional cost. Additional components and work will be invoiced separately at the standard rates
- Customer to provide identification badges, access permissions, and escorts to permit the performance of any task required on-site.
- Customer to provide contact information, including telephone numbers, for the following services nearest the work site: doctor, hospital, medical burn center, ambulance, fire department, and police department.
- Customer to provide adequate facilities, equipment, and support for training their personnel and adequate workspace while on-site to review drawings and documents to perform services.

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 **Allen-Bradley - Rockwell Software**

**Rockwell
Automation**

- Customer to supply all lifts, ladders or equipment necessary to approach locations that are overhead or difficult to access; except as otherwise specifically agreed upon prior to the commencement date.
- Customer escort is to open all panels and provide location hierarchy terminology as they lead the Rockwell Automation IBE collector through the facility.

1.2.3.4 Remediation

Remediation is not included in the scope of supply unless specifically quoted as part of a custom offering, Time and Materials (T&M) offering, or troubleshooting and repair T&M offering. The Customer may or may not choose to follow through with the recommended corrective actions and/or re-testing. Depending on the type and severity of a recommended action, remediation scheduling could be integrated into the process. This may impact scheduling and completion of the required tasks. If the Customer requests remediation and/or re-testing, this time will be invoiced separately at additional charge.

1.2.3.5 Standard Working Hours

Rockwell Automation's standard working hours are Monday through Friday, 8:00 a.m. to 5:00 p.m. at the standard current rate. Rockwell Automation's overtime working hours are Monday through Friday, 5:00 p.m. to 8:00 a.m. and Saturdays. This rate is 1.5 times the standard current rate. Rockwell Automation's double-time working hours are Sundays and holidays. This rate is 2.0 times the standard current rate.

1.2.3.6 Delivery

Estimated delivery of the completed study is within four weeks after the final data is collected.

SECTION C

Added-Value Items and Recommendations

CDM Smith understands that IEUA is looking for more than just a design-builder who can implement the prescriptive elements of the RFP. IEUA values consultants and contractors who work collaboratively with them to develop creative alternatives and provide clear recommendations based on a systematic business case evaluation. Our design recommendations will be developed based upon our understanding of your needs and expectations, our experience with the design and implementation of SCADA systems, and our design-build expertise. In addition, our approach to this project will include the input we receive from IEUA staff during our collaborative design workshops. Beyond our qualifications and comprehensive approach to the SCADA migration, we have developed several alternative approaches that we believe provide added value to IEUA and improve the resulting control systems at RP-4 and RP-5. We believe that structure of our company and our local presence also provides added benefits. Our bright ideas and discriminators are discussed in the following sections.

Streamlined RP-5 Migration

The RFP is prescriptive with respect to the physical wiring required to migrate I/O from the Foxboro DCS system to the new PlantPAX system in RP-5. The RFP describes building a temporary rack, placed outside the existing DCS cabinets, and moving the existing Foxboro components to the temporary rack. The new Rockwell components would be mounted on a shop-assembled backboard and then installed in the existing DCS cabinet. The existing, individual I/O wires would be moved for each system. During the job walk, we observed that a number of the conductors emerging from the cable trench are under stress and are concerned about moving these to a temporary rack outside the cabinet or on the door of the cabinet.

We believe there is a better way to accomplish this part of the migration. As described in our Scope of Work in Section B (Attachment B), we will mount the Rockwell I/O modules in the new HMI cabinet and use premanufactured cablefast cords from the I/O module to the IFM module, which will be installed on the racking in the existing DCS cabinet. We believe this process eliminates the need for the temporary rack and will be less disruptive to the existing wiring, reduce the potential for unplanned outages and alarms during operations, and speed the process of migrating the systems.

Lessons Learned Workshop

Our overall approach is based on creating an open, collaborative process for designing and implementing the SCADA migration. We will achieve this through a series of collaborative workshops designed to define the key decisions and facilitate the smooth and timely completion of the SCADA migration. We believe can further enhance the successful delivery of this project by incorporating a lessons learned workshop.



After completion of the RP-5 migration process, the CDM Smith team will hold a lessons learned workshop with IEUA staff. The purpose of this workshop will be to have a candid discussion with all parties of what went well and what did not during the first phase of the migration. Suggestions from all participants for improving the migration process will be discussed and the resulting actions will be assigned to individuals for implementation during the migration of the RP-4 control system.

Life-Cycle Cost Considerations

One of IEUA goals for upgrading its SCADA systems is to reduce its capital and operating costs. This can be accomplished by standardizing the software and equipment and entering into a long-term service agreement with Rockwell Automation.

As previously noted, we understand that IEUA is looking for more than just a design-builder. You are looking for clear recommendations, based on a thorough understanding of the requirements and a systematic evaluation of alternatives, that provide the best value to IEUA and help reduce overall life-cycle costs. CDM Smith will support this effort through:

- Applying our design expertise to incorporate innovative features that improve reliability;
- Incorporating the input we receive during our collaborative work shops to make design decisions that provide the best overall value; and
- Incorporating the other value added items and recommendations described in this section such as streamlining the RP-5 migration.

Smart Programming

By leveraging our extensive SCADA design and implementation experience, CDM Smith is able to provide IEUA with smart programming features that will enhance the migration process and resulting SCADA systems.

Intelligent P&IDs

CDM Smith will utilize intelligent Piping & Instrumentation Diagrams (P&IDs) to generate IEUA's tagging standards. Using this approach, the "intelligence" is driven by developing a database that is associated with objects and tags within the drawing

package. We will develop P&IDs, and in the same process, include tagging standards that will follow the project through to completion using the information entered into the common database during design. This common database provides a single source of data that drives the creation and maintenance of all of the tags in the project. This common database will also be used during panel design, development of the bill of materials, and population of test forms and I/O check forms. By using this approach, we will save time during design and development and thus reduce costs. In addition, this database will be turned over to IEUA to use on future projects or system modifications.

Standardized Programming Notes

CDM Smith has developed a customized application that we call "Programming Note Procedure" (PNP) that helps convert a control narrative template into a PlantPAX development environment. Our PNP includes procedures to configure and setup PlantPAX logic, FactoryTalk HMI, FactoryTalk Historian, Win911, VantagePoint, and Enterprise Historian functionalities. Each technical note will include a test procedure to be used during the bench/prototype test, factory testing, and commissioning. Using this tool will ensure that the final logic is constructed according to the control narratives developed, certifying quality and accuracy. We will utilize your custom/standardized templates for all control narratives, apply our tool, and create customized logic for each application. We will leave this tool with your staff to utilize on future projects.

Customized Data Conversion Tools

CDM Smith has developed a set of custom tools specifically for database conversions using Rockwell products which we will use during the RP-4 and RP-5 migrations. The use of these customized data conversion tools will allow the rapid integration of the legacy database into the new system and facilitate the overall transition process.

High performance HMI

We will use a high performance HMI architecture, as well as incorporating IEUA's standards, to leverage the full capabilities of the diagnostic object in PlantPAX. This will allow us to develop a comprehensive set of KPIs, diagnostic screens, and alarm management dashboards that greatly enhance the operator's capabilities during troubleshooting and maintenance activities.

Ignition Historian

The software requirements of Specification Section 17300 state the OSIsoft Pi software will be used. CDM Smith recommends that IEUA consider using Ignition Software (Ignition) instead of OSIsoft Pi. We make this recommendation because, Ignition achieves the intent of specification requirements at substantial upfront cost savings and low maintenance annual fees. Ignition is an effective interface software package that automatically collects data from various sources and seamlessly delivers it to the users and systems who need it. It runs on Windows, Linux, or Mac OS, with mobile options for smart phones and tablets and is scalable up to 100,000 tags/points.

Integrated Design-Build Firm

While our key personnel are based out of our local Rancho Cucamonga office, we see our team's advantage much greater than just close proximity. We believe our firm's values of excellence, initiative, shared commitment, integrity and teamwork are closely aligned with IEUA's values, making us the perfect partner in the evolution of your SCADA system to a more streamlined and cost effective enterprise-wide solution.

CDM Smith is a leader in instrumentation, control and SCADA design, implementation and installation because our integrated design team brings I&C specialists into the process from the beginning of design, so that we truly understand our client's needs and can effectively incorporate I&C concepts into the overall design.

Our team possesses exceptional expertise and experience encompassing electrical and instrumentation control systems for all service sectors, including water and wastewater treatment plants, manufacturing facilities, commercial facilities and transportation operations.

As an integrated firm, we provide a direct interface and will efficiently coordinate with discipline groups within CDM Smith. This creates a more cohesive and expeditious process which allows us to react quickly to design and scope changes. This team structure also reduces time and effort for all parties in addressing and expediting issues in both the engineering and construction phases. A positive synergy with engineering disciplines, field electricians, technicians and programmers allows for a cohesive and seamless start-up and commissioning process.



Self-Performance

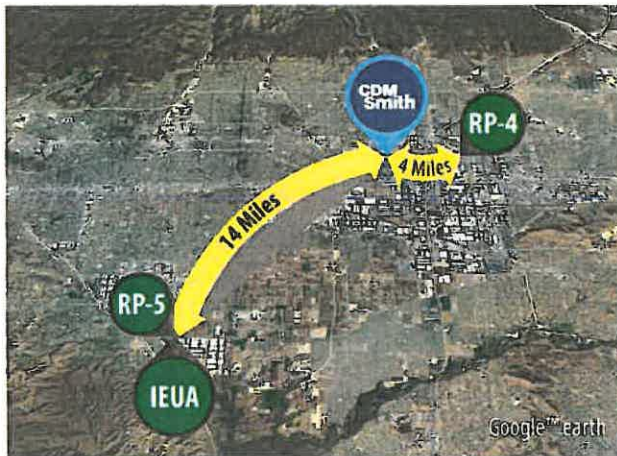
Because CDM Smith employs construction managers, superintendents, cost estimators, schedulers, carpenters, electricians, pipe fitters, construction labor/trades, and O&M specialists, we are able to self-perform a wide range of work including concrete, yard piping, and mechanical installation. For this project, we will self-perform over 95% of the work which allows us to provide better control over schedule, costs, quality and safety. Of particular value to IEUA is our unique ability to self-perform electrical and I&C work, as well as HMI & PLC programming, which allows us to internally control and manage the technical aspects of this project. Our self-performance capability also allows us to balance our self-performance work and provide the most competitive costs and least amount of risk for IEUA.

In-House UL508A Panel Shop

In addition to being our design collaboration center, our Rancho Cucamonga office features an in-house UL508A panel shop. Our local UL508A control panel fabrication facility enables us to provide custom-made I&C panels to match each project's unique requirements for size, mounting, environment, materials, accessories, and rating. This allows flexibility of design, efficient scope changes, and adherence to project schedule and, more importantly for IEUA, allows for cost and quality control, as well as reduced exposure to project schedule impacts. Our fabrication shop provides value because it allows us to access wholesale pricing for panels that will help increase our cost competitiveness. Our clients value our fabrication shop because it delivers a better product at a lower cost.

Local Proximity

CDM Smith routinely installs new systems and upgrades existing systems and we particularly pride ourselves on providing exceptional response to emergency repair calls, systemwide troubleshooting tasks, and ongoing maintenance to keep existing systems in good order. This project will be managed out of CDM Smith's Rancho Cucamonga office, which is only a short 5-minute drive from RP-4 and less than 20 minutes to both RP-5 and IEUA's headquarters. In addition, this office is our local design collaboration center and is staffed with the architectural, engineering, system integrators, programmers, and construction staff and state-of-the-art technology to cost effectively produce our project designs. With many of our key staff located in Rancho Cucamonga, (including Mark Martinez, Steve Kurtz, Colin Millet, Chris Avina, Reno Rendon, Tavita Solomona, Salayman Sales, Richard Chon, and Phisal Ly), we will be able to provide quick responses to project issues; better communication and coordination with IEUA; and reduced travel costs.



Local Factory Test

All RTU panel and backpanel design and fabrication work will be performed at CDM Smith's UL508A certified panel shop located in our Rancho Cucamonga office. Having our own panel shop allows our staff greater control over quality as we implement stringent quality control measures to meet all customer specifications, industry standards, NEC and UL compliance. Once fabrication and programming is completed, unwitnessed and customer witnessed factory acceptance tests will be performed. All documentation for these tests, including test forms and as-built drawings, will be provided as part of the O&M manuals, which is part of the final close-out package. Given the close proximity of our office to both plants and IEUA's headquarters, IEUA staff can conveniently witness the factory tests which will give it great confidence in the quality of CDM Smith's workmanship.

Royal Industrial Solutions

CDM Smith has a well-established relationship with Royal Electric, which is the local representative for Rockwell's PlantPAx software. In addition, their office is located within two miles of our Rancho Cucamonga office. Royal Industrial Solutions will supply the Rockwell software and hardware components, as well as act as the distributor for Rockwell Automation Services for the Installed Base Evaluation.

SECTION F

JV and/or Subcontract Arrangements

CDM Smith Inc. is a full-service consulting, engineering, construction, and operations firm delivering exceptional service to public and private clients. Founded in 1947, our complete suite of services spans from SCADA/automation system configuration and implementation, design-build, water/wastewater treatment, and construction management, to geotechnical engineering, management consulting, and operations.

CDM Constructors Inc., a wholly owned subsidiary of CDM Smith, is a leader in instrumentation, control and SCADA design, implementation and installation because our integrated design team brings I&C specialists into the process from the beginning of design, so that we truly understand our client's needs and can effectively incorporate I&C concepts into the overall design. CDM Constructors Inc. will serve as the prime contractor, and staff from CDM Smith will lead the design effort and will serve as the engineer of record. With more than 5,000 employees worldwide, and nearly 350 staff in California, CDM Smith offers a tremendous depth of resources to support IEUA.

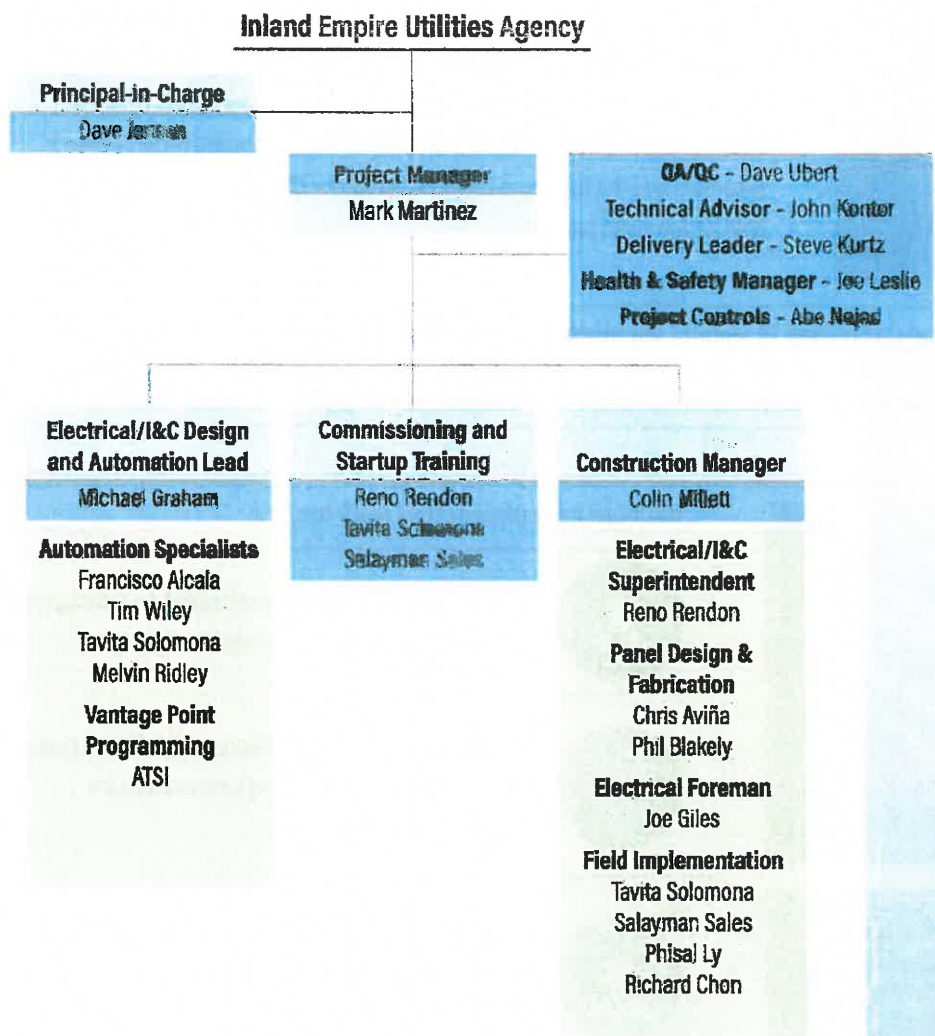
In addition to the highly qualified personnel proposed, we welcome two exceptionally qualified subcontractors. The first is Royal Industrial Solutions, who will supply the Rockwell software and hardware components, as well as act as the distributor for Rockwell Automation Services for the Installed Base Evaluation. The second firm is ATSI, Inc., who will provide Vantage Point programming, and is a Rockwell automation recognized system integrator for control and process.



SECTION G

Proposed Team

In recognition of the complexity and criticality of this project, CDM Constructors Inc. has assembled a balanced team of our brightest and most experienced professionals to lead this effort and guide its successful execution. Our key staff have engineered dozens of electrical and SCADA systems and will utilize this experience, lessons learned and our knowledge of industry best practices to help IEUA implement cost-effective and reliable strategies to achieve its overall SCADA vision.



A CHAMPION FOR PROJECT SUCCESS



Mark Martinez, Project Manager

Mr. Martinez will be responsible for the management of the project to include client communications and collaboration; contract, financial, schedule, and resource allocation and management; scope changes; SCADA migration; start-up and commissioning; and project close-out documentation. Mark has 35 years of experience in electrical and I&C construction, the majority of which has been in heavy infrastructure for water/wastewater projects. He served as On-Site Electrical/I&C Project Manager for both the design-build expansion of the South Regional Tertiary Treatment Plant (SRTTP) and the design-build of a new 8-mgd Northern Regional Tertiary Treatment Plant (NRTTP) at Camp Pendleton. Mark has also managed the electrical/I&C work for the City of Carlsbad Water Recycling Facility Phase 3 Expansion and the Joint Base Lewis-McChord WWTP for the USACE Seattle District, both design-build projects.

"I am personally excited and committed to leading our integrated automation design and construction team to help you achieve your goals and vision for facilities that carry you 20 years into the future...and beyond. In fact, from start-to-finish, you can be assured that this project will remain my #1 priority." - Mark Martinez



Southern Regional Tertiary Treatment Plant



Northern Regional Tertiary Treatment Plant

IEUA can be confident that Mark has the:



Skills, integrity, and commitment to manage and drive this large, multi-disciplinary team



Knowledge of and experience with best practices to facilitate collaboration between team members and with IEUA



Ability to rapidly and continuously distill the key program objectives to make cost-effective, high-quality, and timely decisions

Key Project Staff Qualifications

The following features our key project staff and core leadership team's qualifications. Detailed resumes for key and support staff are provided at the end of this section.

Michael Graham, Electrical/I&C Design and Automation Lead



Mr. Graham has 23 years of national experience as a control systems engineer. He is a registered PE with expertise in design, specification, and implementation of PLCs, process control systems, programming, and instrumentation. His experience includes

CAD-generated P&IDs, electrical, site layout, and computer configuration drawings for water/wastewater treatment facilities. He has served as the lead instrumentation/applications engineer on many similar efforts, such as the City of Dallas' SCADA System Upgrade, the Metropolitan Council Environmental Services WWTP Process Control System Project – Phase 3, Puerto Rico Aqueduct and Sewer Authority's island-wide Automation Program, and multiple projects for Miami-Dade County's WWTPs.

Colin Millett, Construction Manager



Mr. Millett will be responsible for construction activity oversight to include monitoring of all construction activities, enforcement of health & safety, quality control, and management of site labor resources. He will work closely with Mr. Rendon in the coordination and collaboration of all site construction and SCADA system migration. As a member of the International Brotherhood of Electrical Workers, Colin brings 26 years of electrical construction experience, with special expertise in design-build projects. He served as field electrical superintendent for several regional DB projects, including the City of Pomona's SCADA System Upgrade, City of Carlsbad's Water Recycling Facility Expansion, the Cambria Emergency Water Supply Project, and multiple projects under Camp Pendleton's Design-Build-Operate-Maintain (DBOM) I Contract (including SRTTP and NRTP).

As a member of the International Brotherhood of Electrical Workers, Colin brings 26 years of electrical construction experience, with special expertise in design-build projects. He served as field electrical superintendent for several regional DB projects, including the City of Pomona's SCADA System Upgrade, City of Carlsbad's Water Recycling Facility Expansion, the Cambria Emergency Water Supply Project, and multiple projects under Camp Pendleton's Design-Build-Operate-Maintain (DBOM) I Contract (including SRTTP and NRTP).

Esteban (Reno) Rendon, Electrical/I&C Superintendent, Commissioning & Startup Training



Mr. Rendon will be responsible for all site construction activity to include day to day coordination with IEUA staff, site schedule implementation, three week look ahead schedules, weekly progress meetings, site

safety, management of site construction labor resources and activities, commodity material procurement, and start-up and commissioning in support of the SCADA migration and completion. Mr. Rendon has 14 years of experience in the electrical construction industry as a journeyman, foreman, general foreman, superintendent, instrument technician and a UL508A panel builder. He has worked on complex and large-scale projects in California, Arizona, Guam, and Florida. He has served as Construction Superintendent / General Foreman for several similar projects, including the City of Pomona Design-Build SCADA Upgrade, Design-Build for the Guam Apra Harbor WWTP Upgrades and Repairs, and the USACE Ft. Irwin Design-Build WTP.

David Jensen, Principal-in-Charge



Mr. Jensen has the authority to commit firm resources as necessary for the successful delivery of the project. He will serve as a secondary contact for IEUA and will work with our management staff to see that our team meets your expectations. Mr. Jensen

has more than 28 years of experience in project and program management of large, multi-discipline programs involving design, construction and operation and maintenance; property redevelopment; environmental compliance; sustainability; and health and safety oversight. Mr. Jensen is currently serving in the same role for a recently awarded project with IEUA for an Asset Management and Improvements project at the Carbon Canyon WRF.

David Ubert, Quality Control/Quality Assurance



Mr. Ubert is an instrumentation specialist and automation team leader with 25 years of experience in process control and SCADA in the water and wastewater industry. His telemetry experience includes communication systems using fiber optics, licensed/unlicensed radio, cellular, satellite, and phone line. He has extensive knowledge working with various protocols including Ethernet (various types), DF1, DNP3, BSAP, and Modbus protocols – as well as designing and implementing proprietary protocols for specialized communication systems. His PLC experience includes Allen-Bradley's RSLogix 500 and 5000, Modicon's ProWORX NxT, Siemens Step 7, ProWORX32 and Concept. His SCADA/HMI programming experience consists of iFix, Citect, FactoryTalk, VTScada, and Wonderware, as well as several other small human machine interface (HMI) applications, including Panelbuilder, RSView/RSView Studio, and Vijeo-Designer.

Mr. Ubert is an instrumentation specialist and automation team leader with 25 years of experience in process control and SCADA in the water and wastewater industry. His telemetry experience includes communication systems using fiber optics, licensed/unlicensed radio, cellular, satellite, and phone line. He has extensive knowledge working with various protocols including Ethernet (various types), DF1, DNP3, BSAP, and Modbus protocols – as well as designing and implementing proprietary protocols for specialized communication systems. His PLC experience includes Allen-Bradley's RSLogix 500 and 5000, Modicon's ProWORX NxT, Siemens Step 7, ProWORX32 and Concept. His SCADA/HMI programming experience consists of iFix, Citect, FactoryTalk, VTScada, and Wonderware, as well as several other small human machine interface (HMI) applications, including Panelbuilder, RSView/RSView Studio, and Vijeo-Designer.

John Kontor, Technical Advisor



Mr. Kontor is an automation specialist with 30 years of experience in managing large and complex, state-of-the-art technology based projects. His engineering experience has encompassed study, design, evaluation, project management, and implementation of monitoring and control systems for water and wastewater transmission and treatment facilities. Mr. Kontor has played an integral role on the recently completed SCADA Master Plan for the City and County of Honolulu Board of Water Supply, as well as the turnkey SCADA system upgrade for the City of Pomona and the Puerto Rico Aqueduct & Sewer Authority's island-wide Automation Program.

Steve Kurtz, Delivery Leader



As the internal manager of CDM Constructors Inc.'s Electrical / I&C division, Mr. Kurtz will provide overall management and oversight for the project. His responsibilities will include management of client expectations; oversight of contract, financial, and schedule management; resource allocation and management; scope changes; SCADA migration; start-up; commissioning; through project close-out. Mr. Kurtz brings 35 years of construction experience in electrical systems procurement, installations, testing, and startup, and has managed dozens of electrical installations for water/wastewater treatment facilities. He was the delivery leader for the \$3 million installation of electrical systems for electrical components for the City of Pomona's SCADA upgrade of 60 sites, and he served as overall electrical/I&C manager for the design-build water and wastewater infrastructure programs at Camp Pendleton.

Joe Leslie, Health & Safety Manager



Mr. Leslie has 20 years of safety, health and hazardous material handling oversight experience. He has served as a safety and HAZMAT non-commissioned officer (U.S. Marine Corps), and a health and safety manager on complex wastewater construction projects. Mr. Leslie has experience on similar projects as Health & Safety Manager, including with the City of Stockton on the award-winning progressive design-build Delta Water Supply Project, the Petaluma WWTF design-build, USACE Ft. Irwin WTP design-build, and the Camp Pendleton SRTTP project. He is skilled in managing a high volume of subcontractors working in various trades, as well as managing all aspects of subcontractor safety compliance, from design through facility commissioning.

Abe Nejad, Project Controls



Mr. Nejad brings hands-on, field supervision, project engineering and controls, and project management experience in leading medium to large scale horizontal and vertical construction projects for water and wastewater treatment plants, pipeline distribution, wells, and pump stations, as well as commercial, retail, residential, and educational facilities and sites. He has served in the same role for similar projects, such as the City of Pomona's Design-Build Water SCADA System Upgrade, the Clean Harbors Hazardous Waste Incinerator Plant in Arkansas, for multiple projects under the Design-Build-Operate Maintain II contract for Wastewater Systems at Marine Corps Base Camp Pendleton, and for multiple DB projects with Coachella Valley Water District.

SECTION H

Time Schedule and Completion

The attached schedule builds on the one provided in our pre-qualification submittal and provides further details of the execution of the project. It takes into consideration all the major workshops required in the RFP and sequences them to provide a smooth flow of work. The primary objective of the schedule is to place the Field Implementation team on site as soon as possible. As seen in the schedule, we prioritize building the DCP and Plant Influent Headworks HMI/RTU cabinet for RP-5, factory test, and ship to the field so that work can begin in March 2018. The other two HMI/RTU cabinets will follow shortly thereafter. This allows us to get on site six months after NTP and begin the migration effort, which we consider the most time critical activity for the success of the project.

Based on an NTP of September 14, 2017, our schedule shows RP-5 design, transition, and migration workshops continuing through February 2018. Programming efforts for the Headworks section of the plant is completed in March. Onsite work at RP-5 will begin in early March with transfer of existing equipment in the Server Room and then installation of the new DCP. Field work will continue through the end of July 2018.

Work on RP-4 will begin in early July 2018 to get the architectural remodeling complete ahead of shipping the DCP and server rack to the site. A substantial amount of work is associated with transferring the network equipment out of the "garage" to the Server room as well as completing the fiber DLR ring on the site. This work needs to be accomplished ahead of field migration work so that existing plant processes are proven. Migration work at RP-4 will start in September and be complete in February 2019. The project will be complete and close out in April 2019, after all as-built documentation is submitted and accepted.

Our schedule accounts for non-working adverse weather days, the Christmas week holiday, and other traditional holidays when Plant Operations are minimally staffed. As part of the project kick off, we will work with IEUA to refine and further detailed the schedule, particularly with respect to the multiple transition workshops required for each plant. As discussed in the Scope of Work section of this proposal, the CPM schedule will provide an excellent roadmap for monthly assessments of our progress and we will use a detailed, regularly updated three week look-ahead schedule to coordinate the on-site work with Plant Operations.

Client: Inland Empire Utilities Agency
 Project: SCADA Upgrades and Improvements

Group Leaders Responsible: Dave Ubert, Steve Kurtz							
HOURS							
EN-8	PMD	EN-6/5	EN-4/3	EN-2/1	DN-6/5	DN-4/3	QA/QC
DESIGN AND PROGRAMMING							
Kickoff Meeting/Site V-A7:A87bit/General Condition Workshops		8	8				
Review Existing P&ID Drawing		16	40	40			
Review Existing PLC/HMI documentation		8	40	40			
Review Process Control Narrative (RP-4: 60, RP-5: 57)		12	60	60	40		
Standards Programming Method and HP HMI Review		12	40	40	80		
Overall System Workshop - support only		8	8	40			
Workshops							
Design Workshop (Internal)		8	24	24			
Vendors Workshops		8	24	24			
AT: Setting of client smart tags for Smart P&IDs development		4	8				
RP-4							
Control Network Architecture (4)		16	40	40	64		5
P&IDs (24)		16	80	80	200	200	15
Update Control Narratives (60)		16	80	40			5
RP-5							
Control Network Architecture (4)		16	24	40	64		5
P&IDs (24)		16	40	80	200	200	15
Update Control Narratives (57)		16	80	40			5
Documents							
VantagePoint Report and Dashboard Performance Specification		24	60				
Testing Plan, Test Forms		24	80	80			
Software Transition Plan		24	120	80			
Software Training Plan		8	24				
Software Logic Testing forms (100)		4	8	40			
Workshops							
Submittal Workshops		4	16				
Scada System Workshop		8	24				
Project Update 70% workshop		8	16				
Headwork Pilot Scada Software desing Review		4	8				
Headwork Pilot Review meeting		4	8				
Process Area Workshops (12)		8	100				
Standard Library							
Standards Programming Method and HP HMI Review		24	80	40			
Standard Library (AOIs), Screens and Faceplate development		40	250	250			
RP-4							
RP-4 PAC Development, including		80	755	755			
San Bernardino Lift Station development			120	120			
NRG Facility Upgrade to PAC development			24	24			
Recycled Water PS development (PAC/HMI)			40	40			
RP-4 HMI Development		80	330	330			
HMI San Bernardino Lift Station development			80	80			
HMI NRG Facility Upgrade			40	40			
Documentation			80	80			
Network Configuration			16	16			
Server Configuration			40	40			
WorkStation Configuration			40	40			
FactoryTalk (FT) historian : Development		8	40	40			
Enterprise historian OSIsoft PI : Development		8	80	80			
PAC and RIO configuration		8	24	24			
Win911: Development		2	24	8			
VantagePoint Engineering: Coordination with subcontractor		8	16				
VantagePoint Reports: Coordination with subcontractor		8	40	10			
VantagePoint Dashboard: Coordination with subcontractor		8	40	10			
Support for Unwitness Factory Test (Bench Test)		8	56	56			
CCI: Unwitness Factory Test (Bench Test)							

Client: Inland Empire Utilities Agency
 Project: SCADA Upgrades and Improvements

Group Leaders Responsible: Dave Ubert, Steve Kurtz								
HOURS								
	EN-8	PMD	EN-6/5	EN-4/3	EN-2/1	DN-6/5	DN-4/3	QA/QC
Support for Factory Demonstration Test			8	56	56			
CCI: Factory Demonstration Test								
Software Applications Operation and Maintenance Manual - CCI to assemble and provide				40				
Logic Implementation and commissioning Training to CCI								
RP-5								
RP-5 PAC Development			80	570	570			
Prado Regional PLC Update Development				32	32			
Recycled Water PS development (PAC/HMI)				40	40			
HMI Development			80	280	24			
Prado Regional HMI Update Development				24	80			
Documentation				80	8			
Network Configuration				16	16			
Server Configuration				40	40			
WorkStation Configuration				40	40			
FactoryTalk (FT) historian : Development			8	80	80			
Enterprise historian OSIsoft PI : Development			8	160	160			
PAC and RIO configuration			8	40	40			
Win911: Development			2	80	40			
VantagePoint Engineering: Coordination with subcontractor			8	80				
VantagePoint Reports: Coordination with subcontractor			8	80				
VantagePoint Dashboard: Coordination with subcontractor			8	80				
Support for Unwitness Factory Test (Bench Test)			8	56				
Support for Factory Demonstration Test			8	50	50			
Software Applications Operation and Maintenance Manual - CCI to assemble and provide								
Workshops								
Testing Workshop			8	24				
Training Workshop			8	24				
Startup Workshop			8	24				
Hardware and Software submittal Review			8	80				
Software Submittal Preparation			8	24				
RP-4								
Hardware, Network, and Software Site Setting			8	16				
Support during Commissioning			16	160	40			
Enterprise SCADA performance Test			8	40				
As build software documentation			8	32	32			
As build control narrative			8	24	24			
As build Operation and Maintenance Manual update - CCI to assemble and provide					16			
RP-5								
Hardware, Network, and Software Site Setting			8	40				
Support during Commissioning			16	120				
Enterprise SCADA performance Test			8	40				
As build software documentation			8	32	32			
As build control narrative			8	24	24			
AS build Operation and Maintenance Manual - CCI to assemble and provide					16			
SCADA Maintenance training (2D, 4A)		8	24	40				
SCADA Operation training (3S, 5A)		8	24	24				
Software Maintenance training (5D, 4A)		8	56	80				
Control Strategy Application training (4D, 6A)		16	24	40				
Total Design and Programming Hours	40	1,080	6,087	4,331	120	528	400	50

Client: Inland Empire Utilities Agency
 Project: SCADA Upgrades and Improvements

Group Leaders Responsible: Dave Ubert, Steve Kurtz							
HOURS							
EN-8	PMD	EN-6/5	EN-4/3	EN-2/1	DN-6/5	DN-4/3	QA/QC

	FM	IW	SR PROG	JR PROG	GF	TOTAL
Field Investigation-RP-5	56	60	60	60	40	276
Mobilization to RP-5 Site	24	24				75
Remove East Most Server Rack & Relocate Component to Existing Server Rack	48	72	16	96	16	188
Install New DCP Panel & Server Rack	14	12	16	12	4	58
Relocate RACO Pager, Data Concentrator, Filter Control Logic PLC and Energy Management PLC to DCP	52	78	16	39	16	201
Install PlantPax Control System Hardware	2	2		2		6
Tie-In Existing Fiber Optic Network & Connect DCP to UPS	14	21		11	8	54
Modify the Existing DCS-1 (Remove Existing Foxboro Devices)	16	24		12		52
Install IFM Modules on Backpanel in RTU-1 Cabinet	16	24		12	8	60
Migration of I/O Points from Foxboro DCS to Rockwell PlantPax	16	126	84	63	16	305
30 days Operations Performance Test (OPT) of RTU-1 & Training	16			173		189
Remove and Replace PC Console with New RTU-1 PC Console	8	12	16	6	4	46
Remove and Turn Over Existing Foxboro DCS Equip and Control Logic Gateway for RTU-1	8	12		6		26
RTU- 1 Punchlist and Final Cleanup	8	12		6		26
Modify the Existing DCS-2 (Remove Existing Foxboro Devices)	16	24	16	12	8	76
Install IFM Modules on Backpanel in RTU-2 Cabinet	16	24	16	12	8	76
Migration of I/O Points from Foxboro DCS to Rockwell PlantPax	24	108	72	60	16	280
30 days Operations Performance Test (OPT) of RTU-2 & Training	16			173		189
Remove and Replace PC Console with New RTU-2 PC Console	7	12	16	6	8	49
Remove and Turn Over Existing Foxboro DCS Equip and Control Logic Gateway for RTU-2	8	12		6		26
RTU- 2 Punchlist and Final Cleanup	8	12		6		26
Modify the Existing DCS-3 (Remove Existing Foxboro Devices)	16	24	16	12	8	84
Install IFM Modules on Backpanel in RTU-3 Cabinet	24	135	90	80	16	345
Migration of I/O Points from Foxboro DCS to Rockwell PlantPax	16			173		189
30 days Operations Performance Test (OPT) of RTU-3 & Training	7	12	16	6	8	49
Remove and Replace PC Console with New RTU-3 PC Console	8	12		6		26
Remove and Turn Over Existing Foxboro DCS Equip and Control Logic Gateway for RTU-3	8	12		6		26
RTU- 3 Punchlist and Final Cleanup	8	12		6		26
Upgrade Prade Panel HMI, Update PLC and HMI Code			16	8	8	32
Prepare As-Built Documentation for RP-5			8	80		88
Submit As-Built Documentation for RP-5				8		8
Mobilization to RP-4 Site	24	24			16	64
Field Investigation-RP-4	60	30	60	80	16	246
Interior Remodeling of Printer Room & Control Room		12		6		18
Install New DCP Panel and Server Rack	13	22	16	22	8	81
Relocate RACO Pager, Data Concentrator, Control Logic PLC and Energy Management PLC from RTU-4 to DCP	55	82	24	41	8	210
Install Fiber Optic Cabling Plant-Wide to complete DLR Ring	40	187			24	251
Tie-In Existing Fiber Optic Network & Connect DCP to UPS	4	8	16	8	16	52
Retest Functionality of Relocated RTU-4 Components	8		4	16	8	36
Remove RTU-4 & SCE Panel and Turn Over to Owner	12	18		8		38
As-Built Documentation of Existing Cabling at Network Equipment Rack in Electrical/Switch Room	20	30	24	40	24	138
Build Cable Tray System in Plenum Space for relocation of Existing Cables to New Rack	60	90		60	16	226
Install New Network Equipment in New Server Room	8	4	24	12		48
Install New Fiber Optic and Ethernet Patch Panels (As required)	8	8	16	8	8	48
Transfer Cables from Existing Network Equipment Rack to New Network Equipment Rack in Server Room	60	98	24	60	24	266
Install Rockwell I/O and IFM Modules on Rack in RTU-1 Cabinet	2	2	16	8		28
Field I/O Check & Logic Loop Test for RTU-1		2	16	16	8	42
Install Field Terminal Strips, Conduit and Wire from RTU-1 to adjacent RTU-1A	15	22		11	8	56
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-1A to RTU-1	16	27	43	35	16	137
30 days Operations Performance Test (OPT) of RTU-1 & Training	16			208		224
Clean up RTU-1A and Turn Over Components to Owner		9			8	17
Install Field Terminal Strip, Conduit and Wire from RTU-1B to RTU-1	121	188	16	92	16	373
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-1B to RTU-1	16	14	20	14	16	80
Clean up RTU-1B and Turn Over Components to Owner	8	6				14
Field I/O Check & Logic Loop Test for RTU-1C		7	12	7	8	34

Client: Inland Empire Utilities Agency
 Project: SCADA Upgrades and Improvements

Group Leaders Responsible: Dave Ubert, Steve Kurtz

CONSTRUCTION	HOURS							FM	JW	SR PROG	JR PROG	GF	TOTAL
	EN-8	PMD	EN-6/5	EN-4/3	EN-2/1	DN-6/5	DN-4/3						
Relocate HOA and Pilot Lights from RTU-1D to MCC-3 & Wire								16	24			8	48
Install Conduit and Wire from MCC-3 to RTU-1								16	22			8	46
Install E-Stop Push Buttons/Conduit/Wire from (5) IPS Pumps to RTU-1D								41	40			8	89
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-1D to RTU-1								16	22	21	30	16	105
Clean up RTU-1D and Turn Over Components to Owner								8	4		8		20
RTU- 1 Punchlist and Final Cleanup								8	8		24		40
Install Rockwell I/O and IFM Modules on Rack In RTU-2 Cabinet									4	16	8	8	36
Field I/O Check & Logic Loop Test for RTU-2									5	5	5		15
Install Field Terminal Strips, Conduit and Wire from RTU-2 to adjacent RTU-2A								13	21	16	21	8	79
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-2A to RTU-2								6	17	17	24	16	80
30 days Operations Performance Test (OPT) of RTU-2 & Training								16			208		224
Clean up RTU-2A and Turn Over Components to Owner								8	4		8		20
Field I/O Check & Logic Loop Test for RTU-2B									16	12	16	8	52
RTU- 2 Punchlist and Final Cleanup								8	6		8		22
Install New Ethernet Switch, Remove Existing PLC Equip, & Provide Ethernet Jumpers from Existing Ethernet Modules RTU-3									6	16	8	8	38
Install New Fiber Optic Switch Panel at Aeration Basins								4	4	16	8	16	48
30 days Operations Performance Test (OPT) of RTU-3 & Training											208		208
Install Conduits at Aeration Basins for Fiber Optic and Ethernet Cables								78	78			16	172
Install, Terminate and Test Fiber Optic and Ethernet Cables at Aeration Basins										16		8	24
Field I/O Check & Logic Loop Test for Aeration Basins at RTU-3								12	20	24	24	16	96
RTU- 3 Punchlist and Final Cleanup									4		8		12
Install Rockwell I/O and IFM Modules on Rack in RTU-5 Cabinet								8	6		8	8	30
Field I/O Check & Logic Loop Test for RTU-5									6	5	8	8	27
Install/Terminate/Test Ethernet through Existing Conduit from RTU-5 to RTU-5B								1	2		4		7
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-5B to RTU-5								8	24	16	32	16	96
30 days Operations Performance Test (OPT) of RTU-5 & Training											208		208
Upgrade Micrologics PLC to CompactLogics at RTU-5C									1	1	8		10
Field I/O Check & Logic Loop Test for RTU-5C									18	18	16	8	60
RTU- 5 Punchlist and Final Cleanup								8	6		16		30
Install New Ethernet Switch, Remove Existing PLC Equip, & Provide Ethernet Jumpers from Existing Ethernet Modules RTU-6									3	2	4	6	15
Field I/O Check & Logic Loop Test for RTU-6									24	16	24	16	80
30 days Operations Performance Test (OPT) of RTU-6 & Training											208		208
RTU- 6 Punchlist and Final Cleanup								8	8	16	16		48
Prepare As-Built Documentation for RP-4											24	8	32
Submit As-Built Documentation for RP-4											80	24	104
Demobilization												16	16
Final Project Closeout											40	16	56
Project Completion													0
Construction - Total Hours								1337	2183	1098	3114	753	8425

ABBREVIATIONS

- PMD - Project Manager for Design
- EN 6/5 - Engineer Level 6/5
- EN 4/3
- EN 2/1
- DN 6/5 - Designer/Drafter Level 6/5
- DN 4/3
- DN 2/1
- FM - Foreman
- JW - Journeyman Wireman Electrician
- SR PROG - Senior Programmer
- JR PROG - Junior Programmer
- GF - General Foreman Electrical/I&C (aka Field Superintendent)

EXHIBIT B



SECTION J

Fee Schedule

ACTIVITY DESCRIPTION	FEE
Preconstruction	
Kickoff Meeting/Site V+A7:A87isit/General Condition Workshops	\$3,215
Review Existing P&ID Drawing	\$15,248
Review Existing PLC/HMI documentation	\$13,458
Review Process Control Narrative (RFP 4: 60, RP-5: 57)	\$22,764
Standards Programming Method and HP HMI Review	\$601,559
Overall System Workshop - Support Only	\$7,760
Workshops	
Design Workshop (Internal)	\$8,791
Vendors Workshops	\$8,791
AT: Setting of client smart tags for Smart P&IDs development	\$2,320
RP-4	
Control Network Architecture (4)	\$20,800
P&IDs (24)	\$64,072
Update Control Narratives (60)	\$21,699
RP-5	
Control Network Architecture (4)	\$17,951
P&IDs (24)	\$56,949
Update Control Narratives (57)	\$21,699
Documents	
VantagePoint Report and Dashboard Performance Specification	\$23,430
Testing Plan, Test Forms	\$11,668
Software Transition Plan	\$30,458
Software Training Plan	\$4,274
Software Logic Testing forms (100)	\$5,970
WorkShops	
Submittal Workshops	\$3,744
Scada System Workshop	\$6,064
Project Update 70% workshop	\$4,639
Headwork Pilot SCADA Software design Review	\$2,320
Headwork Pilot Review meeting	\$2,320
Process Area Workshops (12)	\$19,597
Standard Library	
Standards Programming Method and HP HMI Review	\$15,248
Standard Library (AOIs) , Screens and Faceplate development	\$48,909
RP-4	
RP-4 PAC Development, Including	\$222,470

ACTIVITY DESCRIPTION	FEE
San Bernardino Lift Station development	\$23,336
NRG Facility Upgrade to PAC development	\$7,001
Recycled Water PS development (PAC/HMI)	\$11,668
RP-4 HMI Development	\$98,498
HMI San Bernardino Lift Station development	\$23,336
HMI NRG Facility Upgrade	\$11,668
Documentation	\$17,502
Network Configuration	\$4,667
Server Configuration	\$11,668
WorkStation Configuration	\$11,668
FactoryTalk (FT) historian: Development	\$25,126
Enterprise historian OSISoft PI: Development	\$48,462
PAC and RIO configuration	\$13,458
Win911: Development	\$12,115
VantagePoint Engineering: Coordination with subcontractor	\$35,144
VantagePoint Reports: Coordination with subcontractor	\$35,144
VantagePoint Dashboard: Coordination with subcontractor	\$46,859
Support for Unwitness Factory Test (Bench Test)	\$13,458
Unwitness Factory Test (Bench Test)	\$2,500
Support for Factory Demonstration Test	\$13,458
Factory Demonstration Test	\$2,500
Software Applications Operation and Maintenance Manual	\$3,561
Logic Implementation and commissioning Training	\$2,500
RP-5	
RP-5 PAC Development	\$123,821
Prado Regional PLC Update Development	\$9,334
Recycled Water PS development (PAC/HMI)	\$11,668
HMI Development	\$61,920
Prado Regional HMI Update Development	\$13,364
Documentation	\$11,668
Network Configuration	\$4,667
Server Configuration	\$11,668
WorkStation Configuration	\$11,668
FactoryTalk (FT) historian: Development	\$25,126
Enterprise historian OSISoft PI: Development	\$48,462
PAC and RIO configuration	\$13,458
Win911: Development	\$19,238
VantagePoint Engineering: Coordination with subcontractor	\$35,144
VantagePoint Reports: Coordination with subcontractor	\$35,144

ACTIVITY DESCRIPTION	FEE
VantagePoint Dashboard: Coordination with subcontractor	\$46,859
Support for Unwitness Factory Test (Bench Test)	\$8,913
Support for Factory Demonstration Test	\$13,458
Software Applications Operation and Maintenance Manual	\$2,500
Workshops	
Testing Workshop	\$6,064
Training Workshop	\$6,064
Startup Workshop	\$6,064
Hardware and Software submittal Review	\$16,035
Software Submittal Preparation	\$6,064
RP-4	
Hardware, Network, and Software Site Setting	\$4,639
Support during Commissioning	\$36,616
Enterprise SCADA performance Test	\$8,913
As build software documentation	\$11,124
As build control narrative	\$8,791
As build Operation and Maintenance Manual update - CCI to assemble and provide	\$1,818
RP-5	
Hardware, Network, and Software Site Setting	\$8,913
Support during Commissioning	\$24,948
Enterprise SCADA performance Test	\$8,913
As build software documentation	\$11,124
As build control narrative	\$8,791
AS build Operation and Maintenance Manual - CCI to assemble and provide	\$1,818
SCADA Maintenance training (2D, 4A)	\$7,123
SCADA Operation training (3S, 5A)	\$4,274
Software Maintenance training (5D, 4A)	\$14,245
Control Strategy Application training (4D, 6A)	\$7,123
CONSTRUCTION	
RP-5	
Mobilization to RP-5 Site	\$37,672
Remove East Most Server Rack & Relocate Component to Existing Server Rack	\$32,749
Install New DCP Panel & Server Rack	\$275,996
Relocate RACO Pager, Data Concentrator, Filter Control Logic PLC and Energy Management PLC to DCP	\$43,129
Install PlantPax Control System Hardware	\$2,174
Tie-in Existing Fiber Optic Network & Connect DCP to UPS	\$9,876

ACTIVITY DESCRIPTION	FEE
Modify the Existing DCS-1 (Remove Existing Foxboro Devices)	\$8,622
Install IFM Modules on Backpanel in RTU-1 Cabinet	\$10,444
Migration of I/O Points from Foxboro DCS to Rockwell PlantPax	\$55,115
30 days Operations Performance Test (OPT) of RTU-1 & Training	\$25,454
Remove and Replace PC Console with New RTU-1 PC Console	\$108,680
Remove and Turn Over Existing Foxboro DCS Equip and Control Logic Gateway for RTU-1	\$4,311
RTU- 1 Punchlist and Final Cleanup	\$4,311
Modify the Existing DCS-2 (Remove Existing Foxboro Devices)	\$13,871
Install IFM Modules on Backpanel in RTU-2 Cabinet	\$14,059
Migration of I/O Points from Foxboro DCS to Rockwell PlantPax	\$50,390
30 days Operations Performance Test (OPT) of RTU-2 & Training	\$25,454
Remove and Replace PC Console with New RTU-2 PC Console	\$117,164
Remove and Turn Over Existing Foxboro DCS Equip and Control Logic Gateway for RTU-2	\$4,311
RTU- 2 Punchlist and Final Cleanup	\$4,311
Modify the Existing DCS-3 (Remove Existing Foxboro Devices)	\$11,037
Install IFM Modules on Backpanel in RTU-3 Cabinet	\$15,693
Migration of I/O Points from Foxboro DCS to Rockwell PlantPax	\$61,690
30 days Operations Performance Test (OPT) of RTU-3 & Training	\$25,454
Remove and Replace PC Console with New RTU-3 PC Console	\$124,404
Remove and Turn Over Existing Foxboro DCS Equip and Control Logic Gateway for RTU-3	\$4,311
RTU- 3 Punchlist and Final Cleanup	\$4,311
Upgrade Prado Panel HMI, Update PLC and HMI Code	\$6,291
Prepare As-Built Documentation for RP-5	\$12,216
Submit As-Built Documentation for RP-5	\$1,041
RP-4	
Mobilization to RP-4 Site	\$35,424
Field Investigation-RP-4	\$43,421
Interior Remodeling of Printer Room & Control Room	\$20,411
Install New DCP Panel and Server Rack	\$305,390
Relocate RACO Pager, Data Concentrator, Control Logic PLC and Energy Management PLC from RTU-4 to DCP	\$44,249

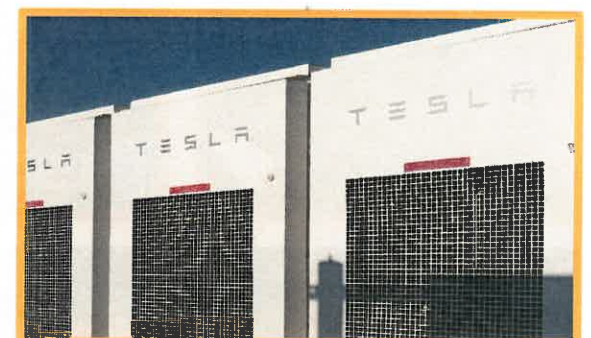
ACTIVITY DESCRIPTION	FEE
Install Fiber Optic Cabling Plant-Wide to complete DLR Ring	\$93,598
Tie-in Existing Fiber Optic Network & Connect DCP to UPS	\$10,326
Retest Functionality of Relocated RTU-4 Components	\$6,092
Remove RTU-4 & SCE Panel and Turn Over to Owner	\$6,336
As-Built Documentation of Existing Cabling at Network Equipment Rack in Electrical/Switch Room	\$24,356
Build Cable Tray System in Plenum Space for relocation of Existing Cables to New Rack	\$40,481
Install New Network Equipment in New Server Room	\$36,303
Install New Fiber Optic and Ethernet Patch Panels (As required)	\$9,135
Transfer Cables from Existing Network Equipment Rack to New Network Equipment Rack in Server Room	\$45,981
Install Rockwell I/O and IFM Modules on Rack in RTU-1 Cabinet	\$57,047
Field I/O Check & Logic Loop Test for RTU-1	\$7,674
Install Field Terminal Strips, Conduit and Wire from RTU-1 to adjacent RTU-1A	\$9,908
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-1A to RTU-1	\$25,113
30 days Operations Performance Test (OPT) of RTU-1 & Training	\$30,007
Clean up RTU-1A and Turn Over Components to Owner	\$3,178
Install Field Terminal Strip, Conduit and Wire from RTU-1B to RTU-1	\$69,270
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-1B to RTU-1	\$14,969
Clean up RTU-1B and Turn Over Components to Owner	\$2,501
Field I/O Check & Logic Loop Test for RTU-1C	\$6,457
Relocate HOA and Pilot Lights from RTU-1D to MCC-3 & Wire	\$9,134
Install Conduit and Wire from MCC-3 to RTU-1	\$8,871
install E-Stop Push Buttons/Conduit/Wire from (5) IPS Pumps to RTU-1D	\$21,407
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-1D to RTU-1	\$18,635
Clean up RTU-1D and Turn Over Components to Owner	\$3,199
RTU- 1 Punchlist and Final Cleanup	\$5,967
Install Rockwell I/O and IFM Modules on Rack in RTU-2 Cabinet	\$48,511
Field I/O Check & Logic Loop Test for RTU-2	\$2,638
Install Field Terminal Strips, Conduit and Wire from RTU-2 to adjacent RTU-2A	\$14,348
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-2A to RTU-2	\$14,252

ACTIVITY DESCRIPTION	FEE
30 days Operations Performance Test (OPT) of RTU-2 & Training	\$30,007
Clean up RTU-2A and Turn Over Components to Owner	\$3,199
Field I/O Check & Logic Loop Test for RTU-2B	\$9,172
RTU- 2 Punchlist and Final Cleanup	\$3,542
Install New Ethernet Switch, Remove Existing PLC Equip, & Provide Ethernet Jumpers from Existing Ethernet Modules RTU-3	\$24,267
Install New Fiber Optic Switch Panel at Aeration Basins	\$98,826
30 days Operations Performance Test (OPT) of RTU-3 & Training	\$27,063
Install Conduits at Aeration Basins for Fiber Optic and Ethernet Cables	\$38,738
Install, Terminate and Test Fiber Optic and Ethernet Cables at Aeration Basins	\$5,250
Field I/O Check & Logic Loop Test for Aeration Basins at RTU-3	\$17,453
RTU- 3 Punchlist and Final Cleanup	\$1,727
Install Rockwell I/O and IFM Modules on Rack in RTU-5 Cabinet	\$44,435
Field I/O Check & Logic Loop Test for RTU-5	\$4,834
Install/Terminate/Test Ethernet through Existing Conduit from RTU-5 to RTU-5B	\$1,088
Migration of I/O Points from Legacy Rockwell to PlantPax at RTU-5B to RTU-5	\$16,636
30 days Operations Performance Test (OPT) of RTU-5 & Training	\$27,063
Upgrade Micrologics PLC to CompactLogics at RTU-5C	\$23,435
Field I/O Check & Logic Loop Test for RTU-5C	\$10,870
RTU- 5 Punchlist and Final Cleanup	\$4,583
Install New Ethernet Switch, Remove Existing PLC Equip, & Provide Ethernet Jumpers from Existing Ethernet Modules RTU-6	\$16,245
Field I/O Check & Logic Loop Test for RTU-6	\$14,123
30 days Operations Performance Test (OPT) of RTU-6 & Training	\$27,063
RTU- 6 Punchlist and Final Cleanup	\$8,541
Rockwell Automation Installed Base Evaluation Survey	\$12,738
Prepare As-Built Documentation for RP-4	\$4,757
Submit As-Built Documentation for RP-4	\$15,313
Demobilization	\$3,269
Final Project Closeout	\$8,474
Project Completion	\$-
TOTAL	\$5,192,864

INFORMATION
ITEM

3A

Engineering and Construction Management Project Updates



EN22002 – East End Flow Meter

- Design Engineer: CIVILTEC
- Current Contract (Design): \$214 K
- Total Project Budget: \$1.9 M
- Project Completion: October 2019
- Percentage Complete: 10%
- Scope of Work:
 - Install new magnetic flow meter and vault structure
 - Install new automated sampling system
 - Upgrade electrical and instrumentation
- Current Activities:
 - Preliminary Design Report completed
- Focus Points:
 - LACSD review of Preliminary Design Report



Existing Flume Flow Meter



New Flow Meter Vault Location

EN15012 – RP-1 Primary Effluent Conveyance Improvements

- Design Engineer: Stantec Consulting
- Current Contract (Design - PDR): \$461 K
- Total Project Budget: \$3 M
- Project Completion: May 2019
- Percentage Complete: 50%
- Scope of Work:
 - Rehabilitation primary effluent system
 - Corrosion protection
 - Wet well decommissioning pre-design
 - Analysis for improvement of foul air system
- Current Activities:
 - Finalize the Preliminary Design Report
 - Utility search/potholing and ground penetrating radar
- Focus Points:
 - Proceed with the 50% design



Exposed Rebar In Grating at Support Beam



IPS Wet Well Concrete Corrosion

EN14018 – RP-4 Disinfection Facility Improvements

- Contractor: W. A. Rasic
- Current Contract (Construction): \$1.8 M
- Total Project Budget: \$2.7 M
- Project Completion: February 2018
- Percentage Complete: 40%
- Scope of Work:
 - Relocate the chemical disinfection facility
 - Install new chemical metering pumps, tanks, and pipelines
- Current Activities:
 - Install on-site chemical piping
 - Construction of the new facility
- Focus Points:
 - Order chemical storage tanks



New Chemical Area with Tank Pad



New Chemical Piping and Pull Box

EN15013 – RP-1 TWAS and Primary Effluent

- Contractor: J.F. Shea Company Inc.
- Current Contract (Construction): \$243 K
- Total Project Budget: \$624 K
- Project Completion: December 2017
- Percentage Complete: 4%
- Scope of Work:
 - Install new sludge pipeline between DAFTs and digesters
 - Modify piping at digester area to eliminate bottleneck
 - Remove abandoned pipes and components
- Current Activities:
 - Review and approve shop drawings
- Focus Points:
 - Final review of components delivered to the site



Existing Line at RP-1



Above-Ground Connection at Digester 1

EP17003 – RP-1 Training Room

- Design Engineer: RM Architecture
- Current Contract (Design): \$8 K
- Total Project Budget: \$425 K
- Project Completion: April 2018
- Percentage Complete: 85%
- Scope of Work:
 - Convert existing paint and maintenance supply room to a training room and computer lab space
- Current Activities:
 - Plans currently under review with the City of Ontario
 - Finalize front end specifications
- Focus Points:
 - Incorporate final review comments
 - Package for bid and award



Existing Paint Room



Disconnect to be Removed

INFORMATION
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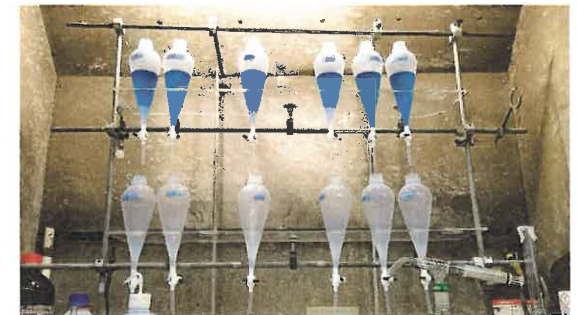
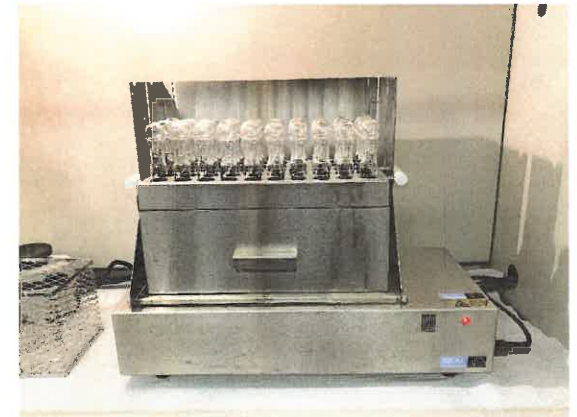
3B

Laboratory Semi-Annual Update



Laboratory Activities

- FY 2017 Total Samples and Analyses
 - Samples – 18,295
 - Compliance – 6,674
 - Discretionary – 11,621
 - Analyses – 60,970
 - Compliance – 31,297
 - Discretionary – 29,673
- NPDES
 - Providing analytical support for investigation of Bromide source contributing to Trihalomethane compounds exceedances at CCWRF
- New Equipment
 - TKN digestion block
 - Surfactants extraction apparatus
- Succession Planning
 - Laboratory Scientist I/II position to facilitate staff technical training
 - Data review process changes
 - Quality Assurance/Quality Control (QA/QC) training



Laboratory Certification

- Environmental Laboratory Accreditation Program (ELAP)
 - Preliminary draft regulations outline released, July 2017
 - Draft regulations public workshop, August 1, 2017
 - Stakeholder Fees Workgroup
 - Proficiency Testing (PT) Workgroup
 - ELAP Assessor Training
- IEUA Laboratory
 - Wastewater PT samples, 100% acceptable, June 2017
 - Drinking water PT sample analyses due August 2017
 - Updating Laboratory analysis SOP format
 - Adding general and administrative laboratory SOPs



Key Performance Indicators

- Customer Service
 - Met or exceeded expected sample turnaround times
 - Updating Laboratory Information Management System (LIMS) with site specific limits
 - Sample collection/documentation training
- Safety
 - Reviewing and updating Laboratory Chemical Hygiene Plan (CHP)

FY 2017

Performance Indicator		Goal	Actual
Sample	Compliance	18 days	17
Turnaround Time	Process Control	1 day	1
Meet sample holding times		99%	>99%
Quality Control Failures		<1%	<1%
ELAP PE sample repeats		0	0
Lost time accidents		0	0

Water Quality Laboratory (EN15008)

- Current Laboratory Staff Activities
 - Lab staff site visit
 - Review of current instrument requirements for move
- Schedule
 - Completion: August 2018



INFORMATION
ITEM

3D

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Community & Legislative Affairs

08/09/17

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Public Outreach and Communication

Executive Summary:

This is an informational item that provides highlights of the External Affairs team's monthly outreach, education and communication programs and updates.

The month of August is recognized as Water Quality Month. Multiple outreach methods will be used to highlight the importance of water quality and a reliable water supply.

August 11th is the BIA San Bernardino County Water Conference at the Doubletree Hotel (222 North Vineyard Ave, Ontario, 9:00 a.m. – 1:00 p.m.).

IEUA launched the updated KickWaterWaste.com micro-site. The site highlights the Kick the Habit campaign and focuses on water topics, rebates and water-saving tips.

IEUA will be distributing an email blast to 250,000 IP addresses in August focused on Back to School, which will highlight the Agency's free education programs and water-saving tips.

Please see attached for additional highlights.

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file.

Budget Impact: N *Budgeted (Y/N):* N *Amendment (Y/N):* N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

N/A

Environmental Determination:

Not Applicable

Business Goal:

IEUA is committed to providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

IEUA is committed to enhancing and promoting environmental sustainability and the preservation of the region's heritage.

Attachments:

Attachment 1 - Background

Background

Subject: Public Outreach and Communication

August (Water Quality Month)

- August 11, BIA San Bernardino County Water Conference, Doubletree Hotel, 222 North Vineyard Ave, Ontario, 9:00 a.m. – 1:00 p.m.

September

- September 6, Rolling Ridge Garden in Every School® Dedication, 13677 Calle San Marcos, Chino Hills, Time TBD
- September 6, Ontario Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue, Pomona
- September 7, Upland Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue, Pomona
- September 8, Rancho Cucamonga Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue
- September 14, Montclair Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue, Pomona
- September 15, Fontana Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue, Pomona
- September 20, Chino Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue, Pomona, (Kids Expo - 9:00 a.m. – 1:00 p.m.)
- September 22, Chino Hills Day at the LA County Fair, Pomona Fairplex, 1101 W. McKinley Avenue, Pomona, (Kids Expo - 9:00 a.m. – 1:00 p.m.)

Outreach/Education - Civic Publications Newspaper Campaign

- IEUA launched the updated KickWaterWaste.com micro-site. The site highlights the *Kick the Habit* campaign and focuses on rebates, water-saving tips and more.
- IEUA will be distributing an email blast to 250,000 IP addresses in August focused on *Back to School*, which will highlight the Agency's free education programs and water-saving tips.

Media and Outreach

- IEUA ran ads in the following sections of the *Champion Newspaper*:
 - Chino Jr. Fair – 7/1/17
 - Back to School – 7/22/17
 - Fall Connection – 8/5/17
- IEUA continues to run banner ads with *Fontana Herald News*.
- In July, 33 posts were published to the IEUA Facebook page and 33 tweets were sent on the @IEUAwater Twitter handle.
- The top three Facebook posts, based on reach and engagement, in the month of July were:
 - 6/28-7/10: Drip Kit Workshop (Ad)
 - 7/12: 2017-18 Wastewater Treatment Plant Tour Scheduling Now Available
 - 7/12: Water is Life Student Art – 9th Grade Student from Don Lugo High School in Chino

- The top three tweets, based on reach and engagement, in the month of July were:
 - 7/14: Free Sprinkler Nozzles Voucher
 - 7/5: Water is Life Student Art – 1st Grade Student from Liberty Elementary School in Ontario
 - 7/3: Smart Irrigation Month Tips
- As part of “July is Smart Irrigation Month”, IEUA shared *smart* water efficient tips, resources and rebate information on the IEUA Facebook page and Twitter handle.
- During the month of August, staff will be posting information on the IEUA Facebook page and Twitter handle related to wastewater treatment and water recycling as part of Water Quality Month.

Education and Outreach Updates

- Staff has begun scheduling school district, principal, PTA, and school staff meetings for school year 2017/18 to highlight the education programs and provide details and deadlines.
- Staff has submitted the 2018 Solar Cup Interest to Participate form to MWD to sponsor three teams (maximum). Teams will be selected and submitted to MWD by September 7, 2017.
- Staff has currently scheduled eight Water Discovery field trips for program year 2017/18.
- Staff has begun school site inspections for the qualifying 2017/18 Garden in Every School® Mini-Grant participants. Staff will be visiting 12 schools with existing water-wise gardens. After site inspections take place and recommendations are made, schools will receive \$1,000 to fund garden materials.

INFORMATION
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3E

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Comprehensive Government Relations

MEMORANDUM

To: Joe Grindstaff, Kathy Besser
From: Letitia White, Jean Denton, Annie Wake
Date: July 29, 2017
Re: July Monthly Legislative Update

House Passes \$788 Billion Spending Bill

The House passed a \$788 billion spending bill Thursday that complies with President Donald Trump's demands to boost the military, reduce clean-energy programs and start funding a wall on the U.S.-Mexico border.

The bill, passed 235-192, would fund the Departments of Defense, Energy and Veterans Affairs, the Legislative Branch and Army Corps of Engineers in fiscal 2018. Republican leaders added \$1.6 billion in border-wall funding to win the backing of House conservatives. The bill, H.R. 3219, has little chance of passing the Senate in its current form. Senate Democrats, whose votes would be needed for passage, intend to block it in the hopes of a deal later this year to increase domestic spending. The bill does, however, set up a bargaining position for House Republicans heading into possible spending talks with Democrats.

"You've got a unified position in the House and that's a good place to be right now," said Representative Mac Thornberry (R-TX), the chairman of the House defense panel. No schedule for bipartisan budget talks has been set and it is unclear whether Congress can avoid a government shutdown when the fiscal year begins October 1. By including border-wall funding that alienates Democrats, Republicans have increased the risk that Congress will be unable to complete the spending bills on time.

Partial Shutdown

That would either lead to a partial shutdown of government services or require Congress to pass a stopgap spending measure. The President has said a "good" shutdown may be needed to secure funding for the wall.

Representative Tom Rooney (R-FL), a member of the House spending panel, said he fears the current strategy will lead to a stopgap spending bill in late September that would continue current spending levels and policies. "The lowest common denominator always prevails around here," Rooney said.

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Representative Nita Lowey (D-NY), the top Democrat on the spending panel, also said Congress would likely have to pass a stopgap bill into December because the bill cannot win bipartisan support. "You can call it kicking the can down the road, you can call it whatever you want," Representative Lowey said. "This is not the way to do business."

12 Spending Bills

Representative Rooney and other Republicans had initially hoped to vote on a legislative package combining all 12 of the annual spending bills. He said that would give House Republicans the upper hand in any shutdown situation because they could argue they did their work to fund the government.

In that scenario, Senate Democrats "would get the blame for any shutdown," Representative Rooney said. Republican members weren't willing to back the 12-bill package. Moderates said the eight bills not in the spending package would impose \$8 billion in cuts to domestic agencies from current levels, while some conservatives wanted deeper cuts. Moderate Representative Charlie Dent (R-PA) said the House couldn't pass a bill based on those levels. "That's why we need a bipartisan budget agreement," he said

Appropriators Fund Popular Municipal Programs

This past month the Appropriations Committees of the House and Senate continued to move domestic appropriations bills. All twelve FY18 appropriations bills in the House have moved out of full committee, while the Senate has reported six (Military Construction and Veterans Affairs, Energy and Water, Transportation, Housing and Urban Development (THUD), Agriculture, and Commerce, Science, and Justice) out of the full committee.

Within many of these bills, funding for municipal programs are included, and saw relatively high funding marks, despite the President's FY18 request almost universally cutting or zeroing-out said programs. A listing of highlighted programs' proposed funding levels is below:

House Appropriations: Subcommittee on Transportation, Housing and Urban Development

- **Housing and Urban Development (HUD)** – The legislation includes a net discretionary total of \$38.3 billion for the Department of Housing and Urban Development, a decrease of \$487 million below the fiscal year 2017 enacted level and \$6.9 billion above the Administration's budget request.
- **Community Planning and Development** – The bill contains \$6.6 billion for Community Planning and Development programs – \$209 million below the FY 17 enacted level.
 - Community Development Block Grants are funded at \$2.9 billion, \$100 million below the FY17 level and \$2.9 billion above the President's request.

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Senate Appropriations: Subcommittee on Transportation, Housing and Urban Development

- **Housing and Urban Development (HUD)** – \$40.244 billion in discretionary appropriations for the U.S. Department of Housing and Urban Development, an increase of \$1.4 billion above the FY17 enacted level.
- **Community Planning and Development** – \$6.85 billion for Community Planning and Development programs, \$47 million above the FY17 enacted level.
 - The Community Development Block Grant formula program is funded at \$3.06 billion, the same funding level as FY17 and \$3.06 billion above the President's request.

House Appropriations: Subcommittee Energy and Water

- **Bureau of Reclamation Funding**– \$1.229 billion in discretionary appropriations for the Bureau of Reclamation Funding, a reduction of \$209 million below the FY17 level and an increase of \$131.7 million above the FY 18 President's request.
- **Water Infrastructure Improvements Act (WIIN Act)**
 - Water and Related Resources is funded at \$1.091 billion, a reduction of \$64 million below the FY17 level and \$131.7 million above the President's request.

Senate Appropriations: Subcommittee Energy and Water

- **Bureau of Reclamation Funding**– \$1.288 billion in discretionary appropriations for the Bureau of Reclamation Funding, an increase of \$190 million above the FY 18 President's request.
- **Water Infrastructure Improvements Act (WIIN Act)**
 - \$98 million drought resiliency programs
 - Water and Related Resources is funded at \$1.150 billion, a reduction of \$5 million below the FY17 level and \$190 million above the President's request.

House Appropriations: Subcommittee on Commerce, Science, and Justice

- **Economic Development Administration (EDA)** – The legislation includes \$176 million for the EDA, a reduction of \$100 million below the fiscal year 2017 level and \$146 million above the President's request.

Senate Appropriations: Subcommittee on Commerce, Science, and Justice

- **Economic Development Administration (EDA)** – The legislation includes \$276 million for the EDA, a reduction of \$22 million below the FY17 level and \$224 million above the President's request.

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Obamacare Repeal Collapses as Senate GOP Blocks Health Bill

A months-long effort by Senate Republicans to pass health-care legislation collapsed early Friday after Senator John McCain (R-AZ) joined two of his colleagues to block a stripped-down Affordable Care Act (ACA) repeal bill.

"I regret that our efforts were simply not enough, this time," Senate Majority Leader Mitch McConnell (R-KY) said on the Senate floor after the vote. "This is clearly a disappointing moment." "It's time to move on," he added after pulling the bill from the floor.

The decision by Senator McCain to vote no came after weeks of brinkmanship and after his dramatic return from cancer treatment to cast the 50th vote to start debate on the bill earlier this week. The GOP's "skinny" repeal bill was defeated 49-51, falling just short of the 50 votes needed to advance it. Republicans Susan Collins (R-ME) and Lisa Murkowski (R-AK) also voted against the measure.

It wasn't immediately clear what the next steps would be for the Republicans. The repeal effort had appeared to collapse several times before, only to be revived. And several Republicans pleaded for their colleagues not to give up, even as President Trump blasted the vote.

'Let ObamaCare Implode'

"3 Republicans and 48 Democrats let the American people down, As I said from the beginning, let ObamaCare implode, then deal. Watch!" the President wrote on Twitter July 28 at 2:25 am Washington time.

House Speaker Paul Ryan (R-WI) said in a statement later that morning he is "disappointed and frustrated" that the Senate couldn't reach an agreement, but he urged the Senate to keep trying. "We should not give up," he said.

Senator Collins said in a statement the Senate should work on a plan "in a very careful way. That means going through the process of committee hearings; receiving input from expert witnesses" and working with lawmakers in both parties. Both the House and Senate proposals were crafted in secret, with no public hearings or input from Democrats.

House Freedom Caucus Chairman Mark Meadows (R-NC) insisted, though, that he had no intention of working with Democrats, saying the Republican-only path remains the only viable option. "In the end, we will prevail," the North Carolina Republican said.

Senator McConnell has struggled to find a compromise that satisfies conservatives, who have demanded a wholesale repeal of ACA, and moderates, who have been unnerved by predictions the bill would significantly boost the ranks of uninsured Americans.

Democrats immediately called for a bipartisan debate on how to fix the ACA.

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“We are not celebrating. We’re relieved,” Senate Minority Leader Chuck Schumer (D-NY) said after the vote. “Let’s turn the page and work together to improve our health care system.” He also said Democrats would be willing to help expedite bipartisan legislation and to advance Trump Administration nominations.

Republicans have been under intense pressure to deliver on their repeal promises. But repeated pleas -- and threats -- from the White House and conservative groups weren’t enough to push the bill through. “I sadly feel a great many Americans will feel betrayed, that they were lied to, and that sentiment will not be unjustified. You cannot campaign against Obamacare and then vote for Obamacare,” Senator Ted Cruz (R-TX) said early Friday.

Loud Gasps

On evening of July 27, several Republicans were making the unusual argument that they would only vote to advance the measure if they got guarantees it wouldn’t pass the House. House Speaker Paul Ryan assured several senators that his chamber would start a conference negotiation if the Senate passed the bill.

Senator McConnell released the long-awaited text of his so-called skinny repeal bill late July 27, only a few hours before the pivotal vote. It would end the requirement that individuals buy health insurance, and suspend through 2026 the requirement that companies provide it for their workers.

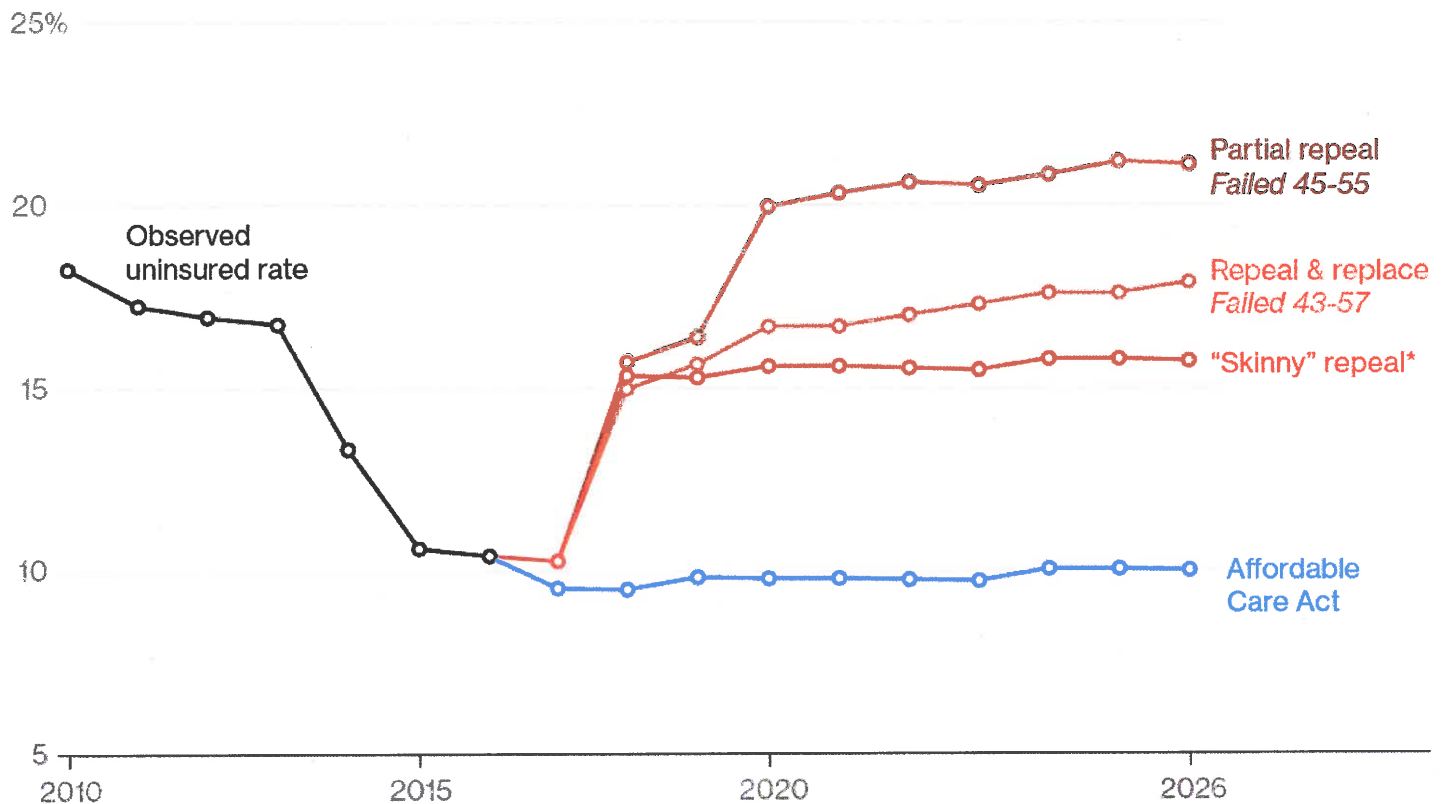
It would also extend a moratorium on the tax on medical-device makers through 2020 and increase the amount that individuals can contribute to health-savings accounts. The measure would also defund Planned Parenthood for one year.

The Congressional Budget Office said late July 27 that the bill would result in an additional 15 million Americans without health insurance next year. It also said the measure would reduce the federal deficit by \$178.8 billion over a decade.

The defeat of the “skinny” repeal bill came after several other measures put forward by GOP leaders were also blocked. The Senate rejected a fuller repeal of the ACA by a 45-55 vote on Wednesday, July 26. Seven Republicans voted against it, including Senate Health Chairman Lamar Alexander (R-TN) and Senator McCain. Late July 27, a 43-57 Senate vote swept aside a revised version of McConnell’s Obamacare replacement, a measure negotiated in secret during weeks of tense GOP talks. Republicans had said late July 27 their plan was to get the “skinny” bill through the Senate and then negotiate with the House on a broader agreement to repeal and replace the ACA.

“Passing this legislation will allow us to work with our colleagues in the House toward a final bill that can go to the president, repeal the ACA, and undo its damage,” Senate McConnell said July 27 on the Senate floor. “I urge everyone to support it.” By early Friday morning, Senator McConnell admitted defeat, saying his “only regret” is that they failed.

Under All Proposed Senate Obamacare Repeal Bills, Uninsured Rate Would Spike



*CBO scored an estimation of what would be included in a "skinny" repeal bill.
Sources: Congressional Budget Office, National Health Interview Survey



Several Senate Republicans said they hoped this wasn't the end of the debate. "I am disappointed with this setback on efforts to fix our broken health care system," Senator Pat Toomey (R-PA) said in a statement. "Congress must not give up on repealing and replacing the failed health care law."

A crestfallen Senator Bill Cassidy (R-LA) said he hopes Democrats are now interested in working on a broader deal, like the one he developed with Collins. "I've tried in the past, as has Susan, to have a dialogue. It hasn't worked. Maybe this had to happen to begin to have a conversation," the Louisiana Republican said.

Senate Holds Hearing on S. 357, the Santa Ana River Wash Plan Land Exchange Act

Following the House passage of the Santa Ana River Wash Plan Land Exchange Act (H.R. 497), the Senate has begun moving its companion bill, S. 357, originally introduced in the last congress. On July 26 the Senate Energy and Natural Resources Subcommittee on Public Lands, Forests, and Mining held a hearing on S. 357, in which

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Subcommittee Chairman Mike Lee (R-UT) stated this was the first hearing of the panel in 2017 and that over half of the fifteen bills under consideration were also considered in the last session of Congress.

Other than the six Senators testifying on behalf of legislation they support the only other witnesses were Mr. Glenn Casamassa (Associate Deputy Chief, National Forest System, U.S. Department of Agriculture) and Mr. John Ruhs (Acting Deputy Director of Operations, Bureau of Land Management, U.S. Department of the Interior). Mr. Ruhs' testimony stated the Department's support of the bill, but would like to work with the sponsor and the Subcommittee on a few modifications. Neither Senators Diane Feinstein (D-CA) or Kamala Harris (D-CA) were present at the hearing.

Proposed Rewrite of Wetlands Rule Expected by December, EPA Says

Rewriting rules that clarify the geographic scope of the Clean Water Act and limit toxic wastewater releases from power plants top the Environmental Protection Agency's (EPA) agenda on water-related regulations released July 20.

The first regulatory agenda issued since President Trump became president gives a timeline for when federal agencies plan to fulfill his executive orders to reconsider rules that he said are too burdensome. The Clean Water Rule seeks to clarify which wetlands and waterways are considered "waters of the U.S.," a term used in the Clean Water Act to specify areas subject to the law's permitting requirements and other provisions.

EPA and the U.S. Army Corps of Engineers plan to replace the Clean Water Rule (RIN: 2040-AF30) in two steps.

They plan to first repeal the stayed Obama-era rule—the proposal (RIN: 2040-AF74) to do so has been released from White House review, but not yet published—and then undertake a second rulemaking to replace it.

The agencies estimate that a proposal (RIN: 2040-AF75) for a replacement rule will be out by December, but the agenda is silent on when it will be issued in final form, an action that is likely to trigger lawsuits.

Attorneys specializing in water issues couldn't pin down what the EPA's timeline for proposing a rule rewrite might look like. "Until you see the proposed rule, it's hard to say whether they should have taken more time," Neal McAliley, a Carlton Fields attorney who specializes in Clean Water Act issues, stated.

Jan Goldman-Carter, director of the National Wildlife Federation wetlands and water resources program, said the timeline is "too fast" to conduct a "thoughtful legal and scientific analysis and meaningful public input to the proposal, but that lack of foundation doesn't seem to concern them."

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House Passes H.R. 23, the Gaining Responsibility on Water Act

On July 12, the House passed the controversial water bill, "Gaining Responsibility on Water Act," by a 230-190 vote over Democrats' objections that it would harm fisheries and undermine states' rights. Under the legislation, California's Bay-Delta Accord would be codified by a modified version of H.R. 23, which would also make changes to the state's Central Valley and State Water projects and streamline permitting processes.

The bill includes provisions from multiple other bills previously passed by the House that sought to increase the flow of water to areas of California that have experienced drought over the past five years. According to the bill's sponsor Representative David Valadao (R-CA), the bill "will enact policies to expand our water infrastructure and allow for more water conveyance while protecting the water rights of users across the state."

Democrats and the California Governor, Jerry Brown (D), opposed the legislation in part because "it pre-empts state environmental protections for fish in local rivers and undermines federal biological opinions on the endangered species status of some fish. Another section of the bill prohibits emergency releases of Trinity River water to prevent fish deaths on the Klamath River" according to one analysis.

Representative Ken Calvert (R-CA) disagreed and countered that last year environmental groups also raised arguments against California drought provisions included in Water Infrastructure Improvements for the Nation (WIIN) Act.

But Representative Jared Huffman (D-CA) disagreed with Representative Calvert and argued that the bill, "ignores" both California's own efforts to combat drought and the WIIN Act. Representative Huffman noted that no hearings on H.R. 23 have been held by the House Natural Resources Committee and the committee has not publicly stated how it's passage will affect this implementation of the WIIN Act. Finally, a number of California Democrats debated that the bill interfered with the state's right to manage its own water.

California Delegation's Newest Member Sworn In

Representative Jimmy Gomez (D-CA) is the only Democrat to be elected to a House seat in a special election this year. The California freshman is already getting his feet wet by focusing on water and environmental policy, and will join the House Natural Resources Committee as well as Oversight and Government Reform.

He stated "In California, they have a saying: Whiskey's for drinking and water is for fighting...Water is the lifeblood of California, and now I get to work on it from a federal perspective." He represents the California 34th, a district he describes as, "a tale of two districts,...One is very affluent versus one that's very working class." The seat was previously held by Congressman Xavier Becerra who Gov. Jerry Brown appointed to succeed now-Senator Kamala Harris as the state's Attorney General.

Trump Claims Dramatic Slow-Down Issuing Government Regulations

The Trump Administration says it has shelved some 860 federal regulations over its first six months in office and dramatically slowed new rules as part of the president's push to reduce the role government plays in the economy.

In a new report released July 20, the Administration says the number of economically significant regulations have been halved since 2016, and there has been a 40 percent drop in the creation of other rules that would have a significant impact. While former President Barack Obama imposed regulations with \$6.8 billion in costs during the last five months he was in office, the White House says it has reduced costs imposed by government rules.

Regulations are typically measured by their benefits to society -- such as reductions of deaths -- in addition to their economic costs. The Office of Management and Budget (OMB) provided no estimate of benefits lost by the regulatory slowdown in a synopsis of the report released Wednesday evening.

"Government is using muscles it hasn't used in a really long time, exposing and removing redundant and unnecessary regulation," OMB Director Mick Mulvaney said in a statement.

The release of the report renews questions about whether President Donald Trump's deregulation push is doing more harm than good. Some critics say the President has held up valid regulations, including safety rules desired by industries.

Safety Rules

Under the umbrella of transportation agencies regulating aviation, automobiles, rail and highways, of the 43 proposed rules subject to review under an executive order President Trump issued at the beginning of his presidency, 34 of them -- or 79 percent -- are intended to improve safety.

The President, speaking July 19 at an event to promote products made in the U.S., said he hoped to accelerate the pace of deregulation in the coming months.

"What's happening, step by step, we've gotten rid of regulations, and a lot more are coming," President Trump said. "We have some statutory requirements where we're not allowed to do it until certain dates, but they're coming as fast as those dates come we've opened it up, and it's made a big difference for the farmer, home builder, for so many." Critics also say Trump's Administration has skirted the normal rule-making process by allowing his department heads to simply delay, for long periods, any rules they don't like.

Moreover, the reduced pace of regulations under the Trump Administration may not be entirely deliberate. The slow pace of appointments by the White House has left many

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agencies without top-level political appointees who traditionally manage the regulatory process. And the Administration is comparing its opening months -- as officials first get their footing -- to the final days of the Obama White House, when his Administration openly acknowledged it was engaged in a mad dash to finish new rules before the hand-off to a new president.

Trump Impact

Neomi Rao, administrator of OMB's Office of Information and Regulatory Affairs, argues the White House effort is "reducing the overall regulatory burden on the American people."

"It fulfills longstanding principles to review and revise existing regulations to eliminate regulations that are ineffective, duplicative, and obsolete," she said in a statement. For the President, who has seen his push to repeal Obama's signature healthcare law stymied on Capitol Hill and little tangible progress on his tax overhaul and infrastructure plans, deregulation has offered a rare opportunity to make a direct policy impact.

President Trump has signed multiple bills rolling back Obama-era rules governing energy companies, and ordered reviews of efforts by the prior administration to restrict greenhouse gas pollution and protect wetlands and waterways. The Administration also delayed a rule requiring restaurants to disclose calories on menus, and reversed rules preventing debt collectors from charging high interest rates on overdue student loans.

Trump Introduces Infrastructure Advisory Council and Senate Committee Leaders Develop Policy Priorities

President Trump issued an executive order the week of July 17 formally creating the infrastructure advisory council he has previously said he wants New York real estate developers Richard LeFrak and Steven Roth to lead.

According to the order, the council will study and make recommendations about:

- Prioritizing U.S. infrastructure needs;
- Accelerating the pre-construction approval processes;
- Funding and financing options capable of generating new infrastructure investment during the next 10 years;
- Methods to increase public-private partnerships, including regulatory changes;
- Improving procurement methods, grant procedures, and infrastructure delivery systems; and
- Promoting advanced manufacturing and infrastructure-related technological innovation.

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Despite the creation of the Council, the Trump Administration has yet to introduce a detailed plan, which has been promised to appear "very soon" for weeks. Within Congress, a lack of leadership from the Administration has prompted the Senate Environmental and Public Works Committee to instigate its own legislative agenda. On July 17th, the Committee called for Senators to submit by that Friday, July 21, for "infrastructure priorities, policy proposals and recommendations" for a committee-produced title of a "comprehensive infrastructure bill."

In addition, minority members of the Senate Committee on Environment and Public Works (EPW), including Senator Kamala Harris, sent a letter to the Committee's Chairman Senator John Barrasso, with their project and policy priorities for comprehensive infrastructure legislation. Their blue print calls for \$1 trillion in infrastructure spending over 10 years, of which \$500 billion is within the EPW Committee jurisdiction.

Across Congress, there is increasing consensus that the President has missed an opportunity to instigate infrastructure legislation. As Senator Susan Collins (R-ME) stated, "It would have given him a win on an important agenda item for him. It would have been better received by Democrats, Congress and, frankly, citizens across the country."

The Attorney General Reinstates Civil Asset Program

The Attorney General Jeff Sessions, announced the reinstatement of the "civil asset forfeiture program," allowing state and local officials to seize the assets (including cash and other property) of people suspected of a crime.

The Obama Administration had previously halted this program in light of a number of instances of abuse, which were highlighted in a 2014 Washington Post investigation "that found that state and local police had seized almost \$2.5 billion from motorists and others without search warrants or indictments since 2001."

Deputy Attorney General Rod J. Rosenstein said that new and more robust measures would be instated to discourage misuse of the program. The Fraternal Order of Police, the National Sheriffs' Association, the Major Cities Chiefs Association are all supportive of the policy which Attorney General Sessions says is, "a key tool that helps law enforcement defund organized crime, take back ill-gotten gains and prevent new crimes from being committed, and it weakens the criminals and the cartels." However the program has both Republic and Democratic skeptics including Representative Darrell Issa (R-CA) and the ACLU.

Trump Takes Travel Ban Dispute to U.S. Supreme Court Again

President Donald Trump's Administration took the dispute over his temporary travel ban to the Supreme Court again, asking the justices to let the government bar entry into the U.S. by people with grandparents and cousins in the country.

The administration filed papers on July 14 asking the court to clarify a June 26 ruling that said the government had to admit at least some close relatives, including spouses and parents-in-law. A federal trial judge in Hawaii said the ruling meant the government couldn't exclude several other types of family members either.

The Hawaii judge's ruling "distorts this court's decision and upends the equitable balance this court struck," acting U.S. Solicitor General Jeffrey Wall said in court papers.

The Supreme Court already has agreed to hear arguments in the fall on Trump's 90-day ban, which applies to people entering the U.S. from six mostly Muslim countries. The June 26 ruling said a limited form of the ban could take effect in the meantime, allowing only people with a "credible claim of a bona fide relationship with a person or entity in the United States" to enter.

The limited travel ban took effect June 30. The Trump Administration announced it would let people enter the U.S. who had a parent, spouse, fiancé, child, sibling, son- or daughter-in-law, or a parent-in-law in the country. The standard excluded those with grandparents, grandchildren, aunts, uncles, nieces, nephews, cousins, and brothers- or sisters-in-law.

U.S. District Judge Derrick Watson ruled that the government's exemption from the ban was too narrow. "Common sense, for instance, dictates that close family members be defined to include grandparents," Watson wrote.

The Supreme Court had said people with a "bona fide relationship" included those visiting a close family member, students who have been admitted to a university or workers who have accepted an employment offer.

In announcing the Administration would immediately take the matter to the Supreme Court, Attorney General Jeff Sessions said in a statement July 13, "Once again, we are faced with a situation in which a single federal district court has undertaken by a nationwide injunction to micromanage decisions of the co-equal executive branch related to our national security."

In its new court filing, the Trump administration asked the court to block Watson's order temporarily while the justices consider the motion to clarify. The Administration also said Watson was wrong to permit more refugees to be admitted under a separate provision in Trump's executive order. Watson said the government couldn't exclude refugees once a resettlement agency has provided a formal assurance that it will provide basic services for the person.

INFORMATION
ITEM

3F



July 28, 2017

To: Inland Empire Utilities Agency

From: Michael Boccadoro
Beth Olhasso

RE: July Legislative Report

Overview:

The Legislature adjourned to summer recess on July 21 after closing out the policy committee process. All bills still active are now either on the Senate and Assembly floor or in Appropriations Committee. When the Legislature returns on August 21 they will have about ten days to get bills out of Appropriations Committees and onto the floor where they must be acted on before the September 15 end-of-session deadline.

The California WaterFix has received critical approvals from both state and federal officials over the past few weeks. Federal fishery scientists said the project can co-exist with endangered fish and the Bay-Delta ecosystem. The State Department of Water Resources followed with a finding that building and operating the project complies with the California Environmental Quality Act (CEQA) and protects fish, wildlife and human health.

The State Water Resources Control Board recently adopted maximum contaminant level (MCL) for 1,2,3 Trichloropropane (TCP) of five parts per trillion (ppt). Five ppt is the lowest level at which 1,2,3 TCP can be detected in drinking water based on current technology. Some water agencies are concerned with the cost and short implementation timeline for complying with this new MCL.

After extensive safety inspections, regulators at the Division of Oil, Gas and Geothermal Resources (DOGGR) and the California Public Utilities Commission (CPUC) have announced that SoCalGas can resume limited natural gas injections at the Aliso Canyon natural gas storage facility. Injections could resume as early as the last week of July and will be limited to 28 percent of the facility's maximum capacity.

California reservoirs continue to sit at well above average for this time of year due to the extra-large Sierra snowpack this year.

The Governor and Legislators reached a deal and passed legislation to extend the state's Cap and Trade program past the 2020 sunset by a two-thirds vote. The bill, AB 398 (E. Garcia D-Coachella), extends the Cap and Trade program through 2030.

After the retirement of Department of Water Resources director Mark Cowin at the end of last year and acting director Bill Croyle earlier this year, Governor Brown has appointed Grant Davis to lead the influential water management agency.

The Public Policy Institute of California released their annual statewide poll on environmental issues. This year the poll focused on water supply and climate change. In the wake of a historic drought, only 37 percent of adults surveyed said water supply was a big problem in their region, compared to 62 percent last July.

Establishing long-term water-use efficiency standards continues to be one of the hottest topics in Sacramento. Senator Bob Hertzberg (D-Van Nuys), chair of the Senate Natural Resources and Water Committee, has taken control of the process and will work with stakeholders during the summer break to reach a compromise.

Other hot legislative topics include establishing a clean drinking water fund to clean up contaminated groundwater basins and provide clean drinking water to all Californians, revising Proposition 218 for stormwater financing and low-income rates, and establishing a 100 percent Renewable Portfolio Standard, which was recently amended to include the State Water Project.

Inland Empire Utilities Agency Status Report – July 2017

WaterFix Receives Green Lights from State and Federal Agencies

The California WaterFix has received critical approvals from both state and federal officials over the past few weeks. Federal fishery scientists said the project can co-exist with endangered fish and the Bay-Delta ecosystem. The State Department of Water Resources followed with a finding that building and operating the project complies with the California Environmental Quality Act (CEQA) and protects fish, wildlife and human health.

The long-awaited decisions represent a pivotal point for the effort to modernize water supply delivery in the state. Given these recent approvals, the WaterFix can now move ahead with design and construction if water contractors approve funding for the project.

State Board Adopts 1,2,3 TCP MCL

The State Water Resources Control Board recently adopted a maximum contaminant level (MCL) for 1,2,3 Trichloropropane (TCP) of five parts per trillion (ppt). Five ppt is the lowest level at which 1,2,3 TCP can be detected in drinking water based on current technology. While environmentalists applauded the recent ruling, industry and some water agencies voiced concerns. Most public water agencies said they support the MCL, but many have complained that they are unlikely to have the resources to detect and cleanup the TCP to such a low level. The American Chemistry Council and the California Manufacturers and Technology Association similarly objected on the grounds that the state board failed to conduct a required analysis of the economic impacts and technological feasibility of meeting the 5 ppt MCL.

State Approves Resuming Gas Injections at Aliso Canyon Storage Facility

After extensive safety inspections, regulators at the Division of Oil, Gas and Geothermal Resources (DOGGR) and the California Public Utilities Commission (CPUC) have announced that SoCalGas can resume limited natural gas injections at the Aliso Canyon natural gas storage facility. Injections could resume as early as the last week of July and will be limited to 28 percent of the facility's maximum capacity.

The approval has drawn significant opposition from environmentalists, community activists, and some state representatives who argue that the storage facility is not needed to ensure a sufficient amount of energy for the region and poses too high of a public safety and environmental risk to resume operation. Regulators believe the approval will help ensure reliability in the Los Angeles.

The same day the announcement was made, California Energy Commission (CEC) Chairman Robert Wisenmiller announced that Governor Brown has asked him to plan for the permanent closure of the facility within ten years to meet the state's long-term greenhouse gas (GHG) targets.

Cap and Trade Extended

The Governor and Legislators reached a deal and passed legislation to extend the state's Cap and Trade program past the 2020 sunset by a two-thirds vote. The bill AB 398 (E. Garcia D-Coachella) extends the Cap and Trade program through 2030 and requires the California Air Resources Board (CARB) to set price ceilings and price containment points as well as new offset limits. Controversially, the bill also contains a prohibition on local air districts regulating carbon emissions at large stationary sources.

AB 617 (C. Garcia, D-Bell Gardens) is a companion measure that requires CARB to set up new reporting and enhanced monitoring programs for criteria pollutants, and develop criteria pollutant emissions reduction plans for disadvantaged communities in conjunction with local air districts.

As part of the broader deal to secure the two-thirds vote on Cap and Trade, Republicans succeeded in passing a Constitutional Amendment that, if passed by voters in June 2018, would require a one-time two-thirds vote of lawmakers on a plan to spend revenue generated by GHG allowance auctions in 2024. The target of this provision is the requirement to spend 60 percent of the fund on public transit, affordable housing, sustainable communities and high-speed rail every year as a continuous appropriation. Republicans to change these allocations after Governor Brown has departed.

Governor Appoints New DWR Director

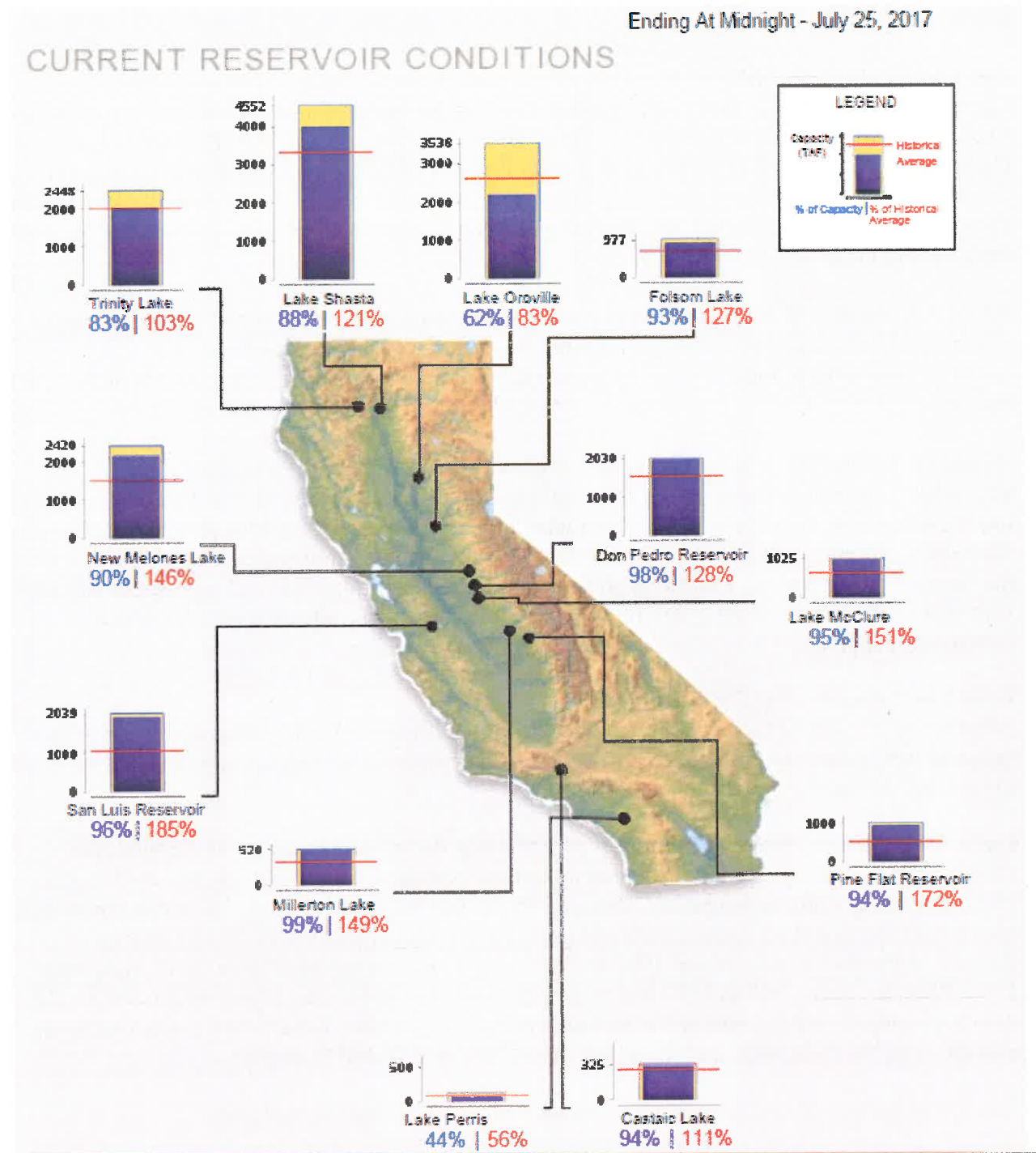
After the retirement of Department of Water Resources director Mark Cowin at the end of last year and acting director Bill Croyle earlier this year, Governor Brown has appointed Grant Davis to lead the influential water management agency.

Davis is a Petaluma Democrat who most recently was the general manager of the Sonoma County Water Agency. During his tenure as general manager, the district became carbon-free in 2015, providing water to ratepayers through 100 percent renewable energy, an achievement that aligns with the Governor's environmental goals for the state. Before that, he was executive director of the Bay Institute from 1997 to 2007, senior district representative for Congressman Lynn Woolsey from 1993 to 1997 and principal of Impact Consulting from 1990 to 1993. Davis comes in during a crucial period for the agency, including repair of the Oroville Dam spillway and the possible construction of the \$16 billion California WaterFix project.

Davis will have to be confirmed by the Senate sometime during the next year.

Reservoir Conditions

California's massive 2017 snowpack lasted well beyond normal, with skiers hitting the slopes on the 4th of July, but has rapidly melted to next to nothing. Some slopes and shady areas continue to stop hikers in their tracks, but the state is registering no measurable snowpack. However, reservoirs have remained well above average as the snow melt has rushed down Northern California rivers.



PPIC Releases New Poll on Californians and the Environment

The Public Policy Institute of California released their annual statewide poll on environmental issues. This year the poll focused on water supply and climate change.

In the wake of a historic drought, only 37 percent of adults surveyed said water supply was a big problem in their region, compared to 62 percent last July. Forty-six percent of Inland Empire residents said that water supply was a big problem in their region.

The poll revealed that 72 percent of California adults favor new laws, such as SB 32 (Pavley, 2016), that mandate reductions in greenhouse gas (GHG) emissions. Similarly, 56 percent of adults support the cap-and-trade program, although 56 percent of Californians said they had not heard of the system.

Respondents also generally supported goals for increased renewable energy generation. Seventy-six percent of adults were in favor of both the current 50 percent target and the 100 percent target being considered this legislation session (SB 100).

The full survey can be found at PPIC's [website](#).

Legislative Update

The first half of July was a rush of committee hearings and bill amendments before the deadline for bills with fiscal impacts to be out of policy committee by July 14 and all non-fiscal bills by July 21. The legislature went on summer recess on July 21 and will return August 21 for the final three weeks of the 2017 Legislative Session.

In addition to cap and trade, discussed above, there was a flurry of activity on other energy measures, including SB 100, as well as significant activity on establishing long-term water use efficiency standards.

SB 100: 100 Percent RPS

Senate President Pro Tem Kevin de Leon (D-Los Angeles) introduced legislation to establish an accelerated Renewable Portfolio Standard (RPS) culminating in 100 percent clean power by 2045. The bill accelerates the current 50 percent requirement to 2026 and creates a new 60 percent renewable requirement by 2030.

The Investor Owned Utilities (IOUs) are concerned about the renewable electricity mandates and would prefer broader clean energy goals, with a focus on GHG emission reductions providing opportunities for the market to work in the most cost-effective manner, without compromising reliability.

Coming as a surprise to most, the author agreed to take amendments to require the State Water Project to transition to zero-carbon/renewable energy resources by the end of 2045. Metropolitan Water District and the State Water Contractors are working over the summer recess with the author and committee staff to remove this provision from the bill.

The bill passed both the Assembly Utilities and Energy and Natural Resources Committees before the summer recess and is now awaiting action by the Appropriations Committee.

Water Financing

Senator Bill Monning (D-Carmel) is pursuing legislation that would create a fund for clean drinking water. SB 623 (Monning), sponsored by the Community Water Center, creates the “Safe, Affordable Drinking Water Fund.” Stakeholders representing agriculture and some urban water interests have been working with the proponents of the bill to reach a compromise. ACWA continues in fierce opposition to a public goods charge.

The main point of contention for the urban water suppliers is the proposal to add an up to \$1 per month charge on all residential meters to fund the operation and maintenance of failing water systems. The agricultural community is also working to reach consensus on provisions for a funding mechanism of their own that would help clean up contaminated groundwater basins.

The bill was not in its final form before its July 11 hearing in the Assembly Environmental Safety and Toxic Materials Committee. It is anticipated that a funding mechanism will be added to the bill somewhere in the appropriations process, likely as the bill is passed and moved onto the floor. At the July 11 hearing, even Democrats voiced their concern about the amount of rate-payer money that would be required. Many noted that Legislators could withhold future votes once the funding piece is added.

Water Use Efficiency Legislation

As previously reported the Brown Administration released a final report on “Making Conservation a Way of Life” in early April. Shortly after, the Governor released budget trailer bill language to establish a process for creating long-term water use efficiency standards. Many in the water community are concerned with the proposed legislation because it deviates from the final report in that it leaves broad authority for the SWRCB to develop efficiency standards. There are several other aspects of the trailer bill that have caused the water community to be generally concerned.

The Governor’s office has been hosting meetings throughout the early summer to hear and address the concerns of the water community. They released a revised Trailer Bill in mid June, but indicated they will hold proceeding so that members of an Assembly working group can attempt to develop an acceptable proposal to move through the legislative process.

The water community, under the leadership of the Association of California Water Agencies (ACWA) has developed their own legislation to establish short and long-term efficiency standards, with only the short-term urban water management plans bill still active.

Finally, Assemblymember Laura Friedman (D-Burbank), a former MWD director, introduced three bills that put the Governor’s original trailer bill language into policy bills that are being considered in the normal legislative process. Only two of her bills are currently moving.

The bills were heard in Senate Natural Resources and Water Committee on July 11 and Chair Hertzberg (D-Van Nuys) took the opportunity to take control of the process. He held all bills and only passed out two, AB 1654 (Rubio) and AB 1668 (Friedman), and stripped them of all

language except “intent” language that states *“This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.”*

Senator Hertzberg set up a process to be run through his committee in coordination with the Assembly Water, Parks and Wildlife Committee and other Assembly stakeholders, to craft a comprehensive policy to be put forth when members come back from summer recess. Additionally, he and Senator Nancy Skinner (D-Berkeley) introduced a Senate version of the same intent language, SB 606, so that part of the final package can be in a Senate bill.

Stakeholders were encouraged to submit comment letters to the Natural Resources and Water Committee outlining their preferences for legislation. It is believed that the committee will work with stakeholders as it develops its proposal.

Proposition 218 Reform

Senator Bob Hertzberg has introduced two bills to address Proposition 218 reform. The bills pick up where the 2016 ACWA effort left off. SB 231 is sponsored by the California Water Foundation and addresses stormwater, specifically how to finance stormwater capture, cleanup and reuse in rates. The bill ran into a little trouble from many California cities worried that the bill might add onto the already onerous new MS4 permit requirements. The bill passed off the Senate floor with 23 votes, just two over the minimum needed. The bill is on the Assembly floor awaiting a final vote.

SCA 4, also by Senator Hertzberg is a constitutional amendment that would address lifeline and conservation rates. ACWA has agreed to sponsor SCA 4, and has been working out the final details about which article of the California Constitution to amend. The compromise position seems to be using Article 17, an empty article of the constitution. Disagreement continues between the author’s office and ACWA, with ACWA wanting complete transparency by referencing Article 13 and Prop 218. Hertzberg’s office prefers the language to be vague, to help the bill gain votes by avoiding Proposition 218. Since the bill is a Constitutional Amendment, it is not subject to the typical legislative deadlines.

Recycled Water

The WaterReuse bill (AB 574, Quirk) which would re-define specific categories of recycled water passed out of both the Senate Environmental Quality Committee and the Senate Natural Resources and Water Committee. The bill is in Appropriations Committee where it faces a challenge with a hefty price tag. Proponents are working with committee staff and SWRCB staff to re-evaluate the cost associated with implementing the bill.

INFORMATION
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Agricultural Resources

635 Maryland Avenue, N.E.
Washington, D.C. 20002-5811
(202) 546-5115
dweiman@agriculturalresources.org

July 28, 2017

Legislative Report

TO: Joe Grindstaff
General Manager, Inland Empire Utility Agency

FR: David M. Weiman
Agricultural Resources
LEGISLATIVE REPRESENTATIVE, IEUA

SU: Legislative Report, July 2017

State of Affairs

- * July came to a close and the House adjourned until after Labor Day.
- * July came to a close and the Senate is still in – and may remain in session – until August 11.
- * Month closes with a White House and Cabinet in turmoil. Significant change is underway and will likely continue into August.
- * Wholesale shakeup of senior WH aides, including the firing/resignation of the Chief of Staff, Reince Priebus, appointment of a new Communications Director, the firing of a senior aide in the Communications shop, resignation of WH Spokesman, Sean Spicer, and the resignation of a Trump personal attorney
- * President Trump is publicly urging Attorney General Jeff Sessions to resign.
- * Rumors are churning that Secretary of State, Rex Tillerson, will likely step down soon. He took an unexpected break at the end of July.
- * General Kelly, the Secretary at Homeland Security, was just moved to the WH to serve as WH Chief of Staff (first day will be July 31). This Cabinet position is now open and will require a new nominee.
- * Senate considered health care – twice – and defeated it. In the end, the bill was then rejected by a dramatic late-night one-vote margin cast by Sen. John McCain.
- * President Trump has directed the Senate to reconsider health care a third time, but it's not clear that Majority Leader McConnell is willing to do so. National polling does not

- support it.
- * WH, Treasury, Speaker Ryan and Ways and Means Chair, Rep. Kevin Brady (R-TX) have released a two-page tax reform Statement of Principles – supported by the Administration and House Republican leaders.
 - * President Trump, Speaker Ryan, and others are planning to “barnstorm” the country during the August break to build support for tax reform. However, the Statement of Principles is limited to the tax rate reductions, and all but silent identifying which existing provisions will be cut, eliminated, repealed and/or amended.
 - * Appropriations bills are moving in the House (and the Senate is beginning to take them up).
 - * Domestic funding for DOI, USDA, EPA and other Federal Departments/agencies is down, but the Administration’s funding recommendations were not followed. Congress effectively reinstated significant portions of the proposed cuts.
 - * The controversial Valadao water bill, which overturns or repeals the CVPIA (Central Valley Project Improvement Act), was passed by the House and submitted to the Senate. Both Senators Feinstein and Harris have signaled opposition. What will happen remains unclear.
 - * Water softener language is reappearing on bills, but it’s the language IEUA, ACWA, LA Sanitation District and other water users have approved. The issue remains on an active “watch” list.
 - * Sen. Energy Committee Chair. Sen. Lisa Murkowski, and the Committee’s Ranking D, Sen. Maria Cantwell, reintroduced the comprehensive Senate Energy Committee Energy bill which died in Conference during the closing days of the last Congress. In the last Congress, the bi-partisan bill passed the Senate with 80+ votes. McConnell announced it would be called up after the July 4 break. Health care then dominated the Senate’s Agenda in July – and it did not happen, but this bill – still a bi-partisan effort – is ready to go.
 - * At Interior, Deputy Director David Bernhardt was confirmed by the Senate on a largely partisan vote. He is scheduled to report to DOI in his new capacity on August 1.
 - * Confirmation hearing for Brenda Berman, the President’s nominee for Commissioner, BuRec, was held. She appears to enjoy full committee support (the nomination was without controversy). An Energy Committee meeting to consider the nomination, scheduled for late July, was abruptly canceled. Whether or not her nomination (and others) will be considered by the Senate before they depart for the August recess is not known as of this report.
 - * Two key appointments occurred in July. At WateReuse, after a lengthy search, the association selected Pat Sinicropi as the new Executive Director. She reports to her new assignment on September 5. Governor Brown selected Grant Davis, Manager, Sonoma County Water District, as the new head of DWR. He begins August 1.
 - * Rep. Jimmy Gomez (D-CA) was elected to replace Rep. Xavier Becerra who was appointed by the Governor to serve as Attorney General (replacing Kamala Harris who was elected to the Senate seat replacing the retired, Sen. Barbara Boxer). Gomez was sworn in this month and was selected to serve on the House Natural Resources Committee.

- * Nominations – submitted to the Senate and considered by the Senate began to speed up during the last 60 days. However, the fallout over Health Care may have the effect of slowing their consideration. In normal times, the Senate would move as many as are ready for confirmation just before departing on their August recess. Right now, there is far more uncertainty than clarity

Health Care (“Repeal & Replace”), Tax Reform and Infrastructure

- * Over the past several months, I reported that *“health care (ACA or “Obamacare), tax reform and infrastructure are politically, financially and programmatically intertwined.”* That assessment continues to be accurate today
- * During July, the Senate became embroiled in a debate over whether or not to even consider the health care bill (several variations were in play). The vote on that was 51-50, with VP Pence providing the needed 51st, tie-breaking vote.
- * A series of votes found the Senate rejecting version after version of “repeal” and/or “repeal and replace.”
- * Finally, in a dramatic dead-of-night showdown vote, Senator John McCain joined two other Senate Rs to reject the McConnell-drafted bill. Right now, there is no health care bill pending. The emphasis is “right now.” The President publicly challenged the Senate to try again as July came to a close.
- * Overlooked amid the high drama in the Senate, the House agreed to drop the BAT or Border Adjustment Tax. That is a \$1 Trillion provision that would have made tax reform more achievable. It’s gone. It’s out. Needed for the tax bill, it’s no longer on the table.
- * As of the end of July, what happens next with health care is unknown.

Tax Reform and Municipal Bond Tax Deductibility

- * When the health care bill was rejected, two voices with competing messages emerged. First, the President publicly directed the Senate to try a third time. Second, many other voices (including some in the Administration), said no, it’s time to move on, and take up tax reform.
- * Previous monthly reports have detailed the situation and risk(s) to muni bond deductibility.
- * This report will focus on the linkage between health care and tax reform – and why the muni bond deduction is at greater risk given what happened to the health care bill.
- * In simple terms, the health care bill was originally designed to be the foundation for the tax bill. Why? How? The Border Adjustment Tax. The \$1 Trillion it was slated to raise was to be used to underwrite the reduction in tax rates. Now, it’s not there and won’t be

there.

- * In order to reduce rates for business and individuals (the heart of House GOP tax policy) to targeted levels – more provisions in the tax code will have to be repealed, amended or otherwise eliminated.
- * In short, the muni bond provision is “on the bubble” and “at high risk.” More so given the rejection of the health care bill.
- * It’s important to note that, as of the end of July, no tax bill has been introduced or even outlined. No one knows what’s in it.
- * The two-page Statement of Principles does not include Democrats (not invited). It does not detail or identify any existing provision for repeal.
- * Tax reform may become the next major agenda issue, but the Committee has yet to release it. A debate is underway over a bill no one has seen, for which no hearings have been held, and for which no analysis has been made.

Drought – Water Conditions

- * As stated during the last several reports, the lack of extreme and extraordinary “drought” in California and in the Colorado River Basin is the storyline. According to the USDA/NOAA Drought Monitor, there are signs of mild drought conditions in Southern San Joaquin Valley and along the coastal areas of Southern California and along the San Diego-Imperial region.
- * Severe drought has slammed Eastern Montana and the Dakotas. Drought emergencies were declared.
- * Dry conditions are reappearing throughout the Western states – but only mildly (at this time).

Looking Towards August and Post-Labor Day

- * Not clear what the Senate will do in the first two weeks of August (assuming they stay in session that long). Everything is up in the air.
- * Appropriations Committees have started to process the FY 2018 funding bills. The House is close to completing action on all 12 bills. The Senate is now beginning to move their versions of the bill.
- * As reported last month, *“the debt ceiling limit is fast approaching requiring federal legislation. This is becoming the new battle-ground. Even the President, when the FY 2017 funding bill was enacted suggested that a Government shut-down might not be a bad thing. There has been, over the past month, a steady stream of “shut-down” talk.*

Very destabilizing.” This remains a wild card issue – perhaps even more so given what happened to the health care bill.

Final Note

- * July has been chaotic, sensational, intense and a whole lot more. The daily media reports convey all of it. It would be easy to dwell on the “who-done-it’s” and amplify what seems like outright craziness. I resist.
- * I want to offer a different view. The health care bill in the House was a Republican-only debate. Same in the Senate. Didn’t work. Tax reform is being managed the same way – one party participates, another is excluded.
- * Senator McCain, returned to the Senate after brain cancer surgery and delivered a riveting speech on the Senate floor denouncing secret process legislation and calling for a return to regular order.
- * Within 24 hours of the health care defeat, a group of bi-partisan Senators began meeting – to see if a bi-partisan bill can be fashioned.
- * Senators Murkowski and Cantwell have their bi-partisan energy bill – ready to go.
- * Maybe – *just maybe* – the “McCain Challenge” just may have sparked a new direction for legislative business.

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INFORMATION
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3H



CALIFORNIA STRATEGIES, LLC

Date: July 29, 2017
To: Inland Empire Utilities Agency
From: John Withers, Jim Brulte
Re: July Activity Report

California Strategies is pleased to provide consulting services to the Inland Empire Utilities Agency. In addition to our regular monthly meeting with the Senior Staff of the Agency, we continue to be available to members of the Senior Staff and Board Members throughout the year to deliver advice, answer questions or provide services consistent with the mission of IEUA. Here is our monthly activity report:

- We held our regularly scheduled face to face meeting with agency senior staff July 10th. Calstrat principals attended and did discuss various issues with senior staff including the Regional Contract, Water Bank planning efforts, and Little Hoover Commission.
- We reviewed and helped edit the IEUA comment letter on Little Hoover Commission recommendations with staff.
- We continued to review the Chino Basin Water Bank work plan and discussed the benefits with various stakeholders not directly associated with the agency.
- We answered inquiries from IEUA Board members
- We reviewed and approved final meeting schedule for the remainder of the calendar year.
- We reviewed General Manager recruitment activities and timeline.
- We conducted research on a project as requested by IEUA senior staff.
- We monitored Santa Ana Regional Board activity that might impact the district.
- We monitored the City of Fontana redistricting process.

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Federal Legislation of Significance

Bill Number	Sponsor	Title and/or Summary	Summary/Status
H.R. 3219		Make America Secure Appropriations Act, 2018	<p>A small omnibus package including the Defense, Energy and Water, Military Construction and Veterans Affairs, and Related Agencies, Legislative Branch, and Border Barrier funds from the Homeland Security Bill Appropriations Acts, fiscal year 2018.</p> <p>Highlighted bills in this package are below.</p> <p>H.R. 3219 was introduced in the House Rules Committee on Monday, June 24. It was passed on the House Floor by a vote of 235-192.</p>
	Rep. Charlie Dent (R-PA)	Fiscal 2018 Military Construction and Veterans Affairs, and Related Agencies Appropriations Act	<p>This legislation provides \$88.8 billion in discretionary funding, \$6 billion above the fiscal year 2017 level. Within this total, funding for the Department of Veterans Affairs was increased by \$4 billion over the fiscal year 2017 level, and increases access to services for veterans and regulatory oversight within the department. Also within the total, Military construction was increased by \$2.1 billion over the fiscal year 2017 level.</p> <p>This bill was passed out of the Appropriations Committee on June 15th. The Senate's corresponding legislation was reported out of the Senate Appropriations Committee in July.</p> <p>This bill was included in H.R. 3219 and passed on the House Floor by a vote of 235-192.</p>
	Rep. Mike Simpson (R-ID)	Fiscal 2018 Energy and Water Appropriations Act	<p>The House Appropriations Committee marked up the FY18 Energy and Water Bill in full committee on July 17th.</p> <p>Within the bill, the Bureau of Reclamation funding is reduced from the FY17 level but well above what the Administration had requested for FY18. Also, the bill would authorize the EPA and Army to withdraw from the Waters of the United States rule.</p> <p>This bill was included in H.R. 3219 and passed on the House Floor by a vote of 235-192.</p>
	Rep. Mario Diaz-Balart (R-FL)	Fiscal 2018 Transportation, Housing and Urban Development, and	<p>The House Appropriations Committee today approved the fiscal year 2018 Transportation, Housing and Urban Development funding bill on July 17, 2017.</p> <p>In total, the bill reflects an allocation of \$56.5 billion in discretionary spending – \$1.1 billion below fiscal year 2017 and \$8.6 billion above the request.</p>

		Related Agencies Appropriations Act	Within the bill, Community Development Block Grants are funded at \$2.9 billion, \$100 million below fiscal year 2017 level.
	Sen. Lamar Alexander (R-TN)	Fiscal 2018 Energy and Water Appropriations Act	<p>The Senate Appropriations Committee approved their FY18 Energy and Water Bill on July 20th in full committee markup.</p> <p>Within the bill the Committee recommended funding the Bureau of Reclamation at \$1,287,725,000, which is \$190,332,000 above the President's FY18 budget request. Similar to the House mark, the Senate provided \$34,406,000 for Title XVI and \$24,000,000 for WaterSMART grants. Also, an additional \$98,000,000 for drought resiliency programs authorized in the Water Infrastructure Improvements Act (WIIN Act).</p>
	Sen. Susan Collins (R-ME)	Fiscal 2018 Transportation, Housing and Urban Development, and Related Agencies Appropriations Act	<p>The Senate Appropriations Committee marked up the FY18 Transportation, Housing and Urban Development, and Related Agencies Bill in subcommittee on July 25th. At this time the bill and report text has not been released.</p> <p>The FY2018 appropriations bill providing \$60.058 billion in discretionary spending for the U.S. Department of Transportation, U.S. Department of Housing and Urban Development, and related agencies. Within the bill, TIGER grants were funded at \$550 million, \$50 million above the FY2017 enacted level; and the Community Development Block Grant (CDBG) formula program is funded at \$3 billion.</p>
H.R. 23	Rep. David Valadao (R-CA)	Gaining Responsibility on Water Act of 2017	<p>Among other things the legislation would require regulators to comply with the Bay-Delta Accord and make changes to the state's Central Valley and State Water projects and streamline permitting processes. The bill included provisions from multiple other bills previously passed by the House that sought to increase the flow of water to areas of California that have experienced drought over the past five years. The measure was referred to the House Committee on Natural Resources and the Committee on Agriculture.</p> <p>By a vote of 230-190, the House passed H.R. 23, as amended, on July 12, 2017.</p>
	Rep. Bill Shuster (R-PA) /Sens. Jim Inhofe (R-WY) and Kamala Harris (D-CA)	Infrastructure Package	<p>Throughout the month, the House Transportation and Infrastructure Committee have held a series of hearings entitled, "Building a 21st Century Infrastructure for America," which have focused on various aspects of infrastructure, from passenger rail service to reauthoring the Federal Aviation Authorization (FAA).</p> <p>On June 7, President Trump outlined that he intends to leverage \$200 billion in direct federal funding over ten years to help stimulate \$1 trillion in investment in infrastructure. This federal funding will consist of 1) grants and loans that seek to</p>

			<p>privatize the country's air traffic control system, 2) grants to repair bridges, road, 3) enhanced loan program with the Transportation Infrastructure Finance and Innovation Act, and 4) incentive programs with grants to states and municipalities.</p> <p>One part of the president's plan has already been put into legislation. House Transportation and Infrastructure Committee Chairman Bill Shuster and Aviation Subcommittee Chairman Frank LoBiondo (R-NJ) introduced the FAA's reauthorization legislation, H.R. 4441, the 21st Century Aviation Innovation, Reform, and Reauthorization (AIRR) Act, which will transfer air traffic control operations from the FAA to a private, nonprofit, 13-member board. While Representative Shuster said that the bill does not "mirror" President Trump's infrastructure outline, he said that he considered many aspects of the proposal. Shuster has also voiced his hope that the committee will markup the legislation on Tuesday, June 27 and move to the floor in mid-July.</p> <p>Currently, it is unclear who will champion the bill in the other chamber. Senate Commerce, Science and Transportation Committee Chairman John Thune (R-SD) announced that the Senate's FAA reauthorization legislation will not include privatizing the air traffic control system. That said, Representative Sam Graves (R-MO), who last year voted against the 2016 FAA reauthorization bill, helped develop the legislation with Chairman Shuster.</p>
H.R. 1663	Rep. Grace Napolitano (D-CA) / Rep. Rob Wittman (R-VA)	Water Resources Research Amendments Act	<p>This legislation would extend a Federal-State partnership aimed at addressing state and regional water problems, promoting distribution and application of research results, and providing training and practical experience for water-related scientists and engineers. H.R. 1663 would authorize \$9,000,000 annually over five years for grants to water resources research institutes and require two-to-one matching with non-federal funds. It would also promote exploration of new ideas, expand research to reduce energy consumption, and bolster reporting and accountability requirements.</p> <p>The bill has been introduced in the House Committee on Natural Resources and no actions have yet been scheduled on it.</p>
H.R. 497/ S.357	Rep. Paul Cook (R-CA)/ Sen. Dianne Feinstein (D-CA)	Santa Ana River Wash Plan Land Exchange Act	<p>This bill directs the Department of the Interior: (1) to quitclaim to the San Bernardino Valley Water Conservation District in California approximately 327 acres of identified federal land administered by the Bureau of Land Management, and (2) in exchange for such land, to accept from the Conservation District a conveyance of approximately 310 acres of its land.</p>

			<p>On April 27th HR 497 passed through the House Natural Resources Committee by unanimous consent, and was schedule for the House Floor Consideration on June 2nd.</p> <p>This bill was passed by the House on June 27th by a vote of 424-0.</p> <p>The Senate Environment and Public Works Committee held a hearing on S. 357 on July 26, 2017. No further activity is anticipated until the Fall.</p>
S. 32	Sen. Dianne Feinstein (D-CA)	California Desert Protection and Recreation Act	<p>This bill would designate important wilderness in the California desert and protect lands for recreation, wildlife and tourism. Aspects of the bill include:</p> <ul style="list-style-type: none"> • Mandate study and protection of Native American cultural trails along the Colorado River. • Designate 230,000 acres of additional wilderness area between the Avawatz Mountains near Death Valley to Imperial County’s Milpitas Wash. • Add 43,000 acres to Death Valley and Joshua Tree national parks. • Create a 75,000-plus acre special management area at Imperial County’s Vinagre Wash. • Designate Inyo County’s Alabama Hills as a National Scenic Area. • Prohibit new mining claims on 10,000 acres in Imperial County considered sacred by the Quechan Tribe. <p>Additionally, the bill protects 140,000 acres of existing off-road vehicle riding areas from mining, energy development, military base expansion or other decisions that would close them to vehicle use.</p> <p>The Senate Environment and Public Works Committee held a hearing on S.32 on July 26, 2017. No further activity is anticipated until the Fall.</p>
H.R. 2510	Rep. Peter DeFazio (D-OR)	Water Quality Protection and Job Creation Act of 2017	<p>This bill would amend the Federal Water Pollution Control Act to authorize appropriations for State water pollution control revolving funds.</p> <p>This bill has been introduced to the House Transportation and Infrastructure subcommittee on Water resources and Environment.</p>
H.R. 1654	Rep. Tom McClintock (R-CA)	Water Supply Permitting Coordination Act	<p>This bill would allow water project sponsors the opportunity to use an expedited permitting process for new or expanded surface non-federal storage facilities through the Bureau of Reclamation, which would be the lead and central agency coordinating the review process.</p>

			The House Natural Resources Committee approved the bill by a vote of 24-16 on April 27 th . The House Rules Committee on June 20 th dictated final amendments for passage on the House Floor; this bill passed the House on June 22 nd by a vote of 233-180.
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INFORMATION
ITEM

3J

State Legislation

Bill Number	Sponsor	Title and/or Summary	Summary/Status	IEUA Position
AB 574	Quirk	Potable Reuse	<p>Current law required the State Department of Public Health to develop and adopt uniform water recycling criteria for surface water augmentation, as defined, by December 31, 2016, if a specified expert panel found that the criteria would adequately protect public health health. Current law defined the terms “direct potable reuse,” “indirect potable reuse for groundwater recharge,” and “surface water augmentation” for these purposes. This bill would remove certain references to “direct potable reuse,” “indirect potable reuse for groundwater recharge,” and “surface water augmentation,” and would instead specify the four different types of potable reuse projects as “groundwater augmentation,” “reservoir augmentation,” “raw water augmentation,” and “treated water augmentation.”</p>	<p>SUPPORT</p> <p>In Senate Appropriations Committee 7/5</p>
AB 791	Frazier	<p>Sacramento-San Joaquin Delta: State Water Project and federal Central Valley Project: new conveyance facility.</p>	<p>The Sacramento-San Joaquin Delta Reform Act of 2009 prohibits construction of a new Delta conveyance facility from being initiated until the persons or entities that contract to receive water from the State Water Project and the federal Central Valley Project or a joint powers authority representing those entities have made arrangements or entered into contracts to pay for certain costs required for the construction, operation, and maintenance of the facility and full mitigation of property tax or assessments levied for land used in the construction, location, mitigation, or operation of the facility. This bill would require, before a water contractor enters into a contract to pay for these costs, that the lead agency provide the breakdown of costs for each water contractor entering into a contract and what benefits each contractor will receive based on the proportion it has financed of the proposed conveyance project.</p>	<p>OPPOSE</p> <p>Failed in Assm. Appropriations</p> <p>DEAD</p>

AB 792	Frazier	Sacramento-San Joaquin Delta: Delta Plan: certification of consistency.	The Sacramento-San Joaquin Delta Reform Act of 2009 establishes the Delta Stewardship Council and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. The act requires a state or local public agency that proposes to undertake a covered action to prepare and submit to the council a written certification of consistency with the Delta Plan before undertaking that action. This bill would prohibit the council from granting a certification of consistency with the Delta Plan until the board has completed its update of a specified water quality control plan.	OPPOSE 2 Year Bill
AB 793	Frazier	Sacramento-San Joaquin Delta: financing.	Would declare it to be state policy that the existing state of the Sacramento-San Joaquin Delta is recognized and defined as an integral component of California's water infrastructure. The bill would state that the maintenance and repair of the Delta are eligible for the same forms of financing as other water collection and treatment infrastructure and would specify the maintenance and repair activities that are eligible are limited to certain cleanup and abatement-related restoration and conservation activities.	OPPOSE 2 Year Bill
SB 231	Hertzberg	Local government: fees and charges.	Articles XIIC and XIID of the California Constitution generally 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. Current law, the Proposition 218 Omnibus Implementation Act, prescribes specific procedures and parameters for local jurisdictions to comply with Articles XIIC and XIID of the California Constitution and defines terms for these purposes. This bill would define the term "sewer" for these purposes. The bill would also make findings and declarations relating to the definition of the term "sewer" for these purposes.	SUPPORT On Assembly Floor

AB 1668	Friedman	An Act Relating to Water	This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.	WATCH Senate Appropriations Committee
AB 1669	Friedman	Urban water conservation standards and use reporting	Requires the State Water Resources Control Board (SWRCB) in consultation with the Department of Water Resources (DWR) to adopt long-term standards for urban water conservation and water use by May 20, 2021	WATCH Held in Assembly Appropriations
AB 968	Rubio	Urban water use: water efficiency	Establishes a new 2025 water use efficiency requirement for urban retail water suppliers	WATCH Held Assembly Appropriations
AB 1654	Rubio	An Act Relating to Water	This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.	WATCH Senate Appropriations Committee
AB 869	Rubio	Sustainable water use and demand reduction: recycled water	Excludes, from the calculation of any water use or water efficiency target established after 2020, recycled water, as specified, delivered within the service area of an urban retail or wholesale water supplier	WATCH Held in Senate Natural Resources and Water
SB 606	Skinner/Hertzberg	An Act Relating to Water	This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.	In Assembly Appropriations Committee

INFORMATION
ITEM

3K



Date: August 16, 2017

To: The Honorable Board of Directors

Committee: Finance & Administration

From: P. Joseph Grindstaff, General Manager

08/09/17

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Treasurer's Report of Financial Affairs

Executive Summary:

For the month of June 2017, total cash, investments, and restricted deposits of \$180,810,523 reflects an increase of \$12,055,958 compared to the total of \$168,754,565 reported in May 2017. The increase was attributed to proceeds from State Revolving Fund (SRF) for the Water Quality Laboratory for \$4.8 million, additional wastewater and water connection fees, and Redevelopment Agencies (RDA) property tax receipts for approximately \$6.0 million. As a result, the average days of cash on hand for the month of June increased from 292 days to 300 days.

The Agency's investment portfolio average rate in June 2017 was 1.058%, a slight change of 0.007% compared to the average yield of 1.065% reported in May 2017. The slight decrease in yield is due to the calculation of the total investment dollar amount relative to each investment portfolio yield. The increase in cash for June 2017 were invested in the repurchase and LAIF accounts with investment yield of 0.50% and 0.978%, respectively.

Staff's Recommendation:

The Treasurer's Financial Affairs Report for the month ended June 30, 2017 is an informational item for the Board of Director's review.

Budget Impact: Y *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

The interest earned on the Agency's investment portfolio increases the Agency's reserves.

Prior Board Action:

On July 19, 2017, the Board of Directors approved the Treasurer's Financial Affairs Report for the month ended May 2017.

Environmental Determination:

Not Applicable

Business Goal:

The Financial Affairs report is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for cash and investment activities to fund operating requirements and to optimize investment earnings.

Attachments:

Attachment 1 - Background

Attachment 2 - PowerPoint

Attachment 3 - June 2017 Financial Affairs Report

Background

Subject: Treasurer's Financial Affairs Report

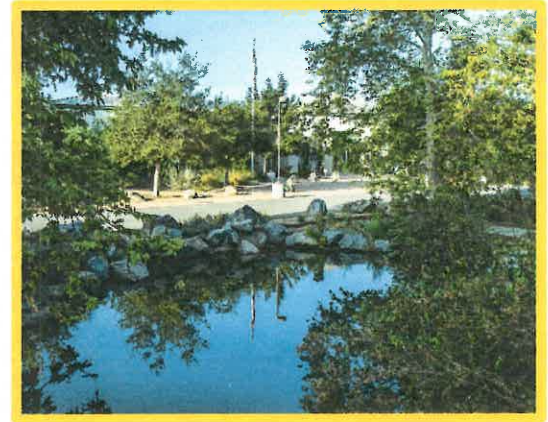
The Treasurer's Report of Financial Affairs for the month ended June 30, 2017 is submitted in a format consistent with State requirements. The monthly report denotes investment transactions that have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2016-5-1).

At the May and June 2017 Board meeting, staff reported an exception in the March, April, and May Financial Affairs Report on a criterion established in the Agency's Investment Policy. The medium-term notes portfolio exceeded the 10 percent threshold defined in the Investment Policy but below the 30 percent threshold established under the California Government Code (CGC). Recommendation was made to approve the medium-term investments and to allow for those investments to be held until maturity.

As of June 30, 2017, the medium-term notes portfolio was 9.9% which complies with the 10 percent allowable threshold established under the Investment Policy.

Treasurer's Report of Financial Affairs for June 30, 2017

Board Meeting



Report of Financial Affairs

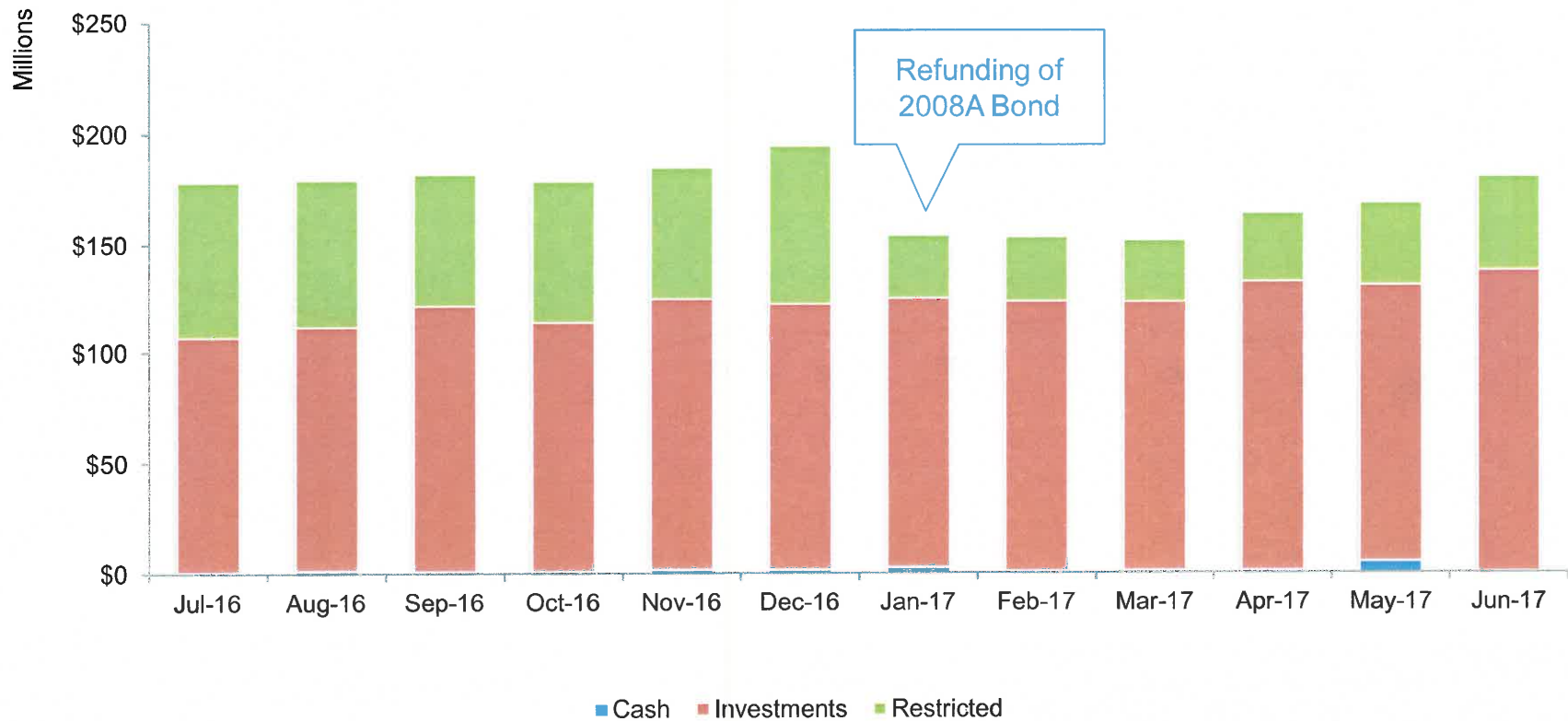
Liquidity

Description	June 2017 (\$ million)	May 2017 (\$ million)	Increase (Decrease) (\$ million)
Total Cash, Investments, and Restricted Deposits	\$180.8	\$168.7	\$12.1
Total Investment Portfolio	\$137.4	\$125.7	\$11.7
Investment Portfolio Yield	1.058%	1.065%	(0.007%)
Weighted Average Duration (years)	0.84	0.89	(0.05)
Average Cash on Hand (days)	300	292	8

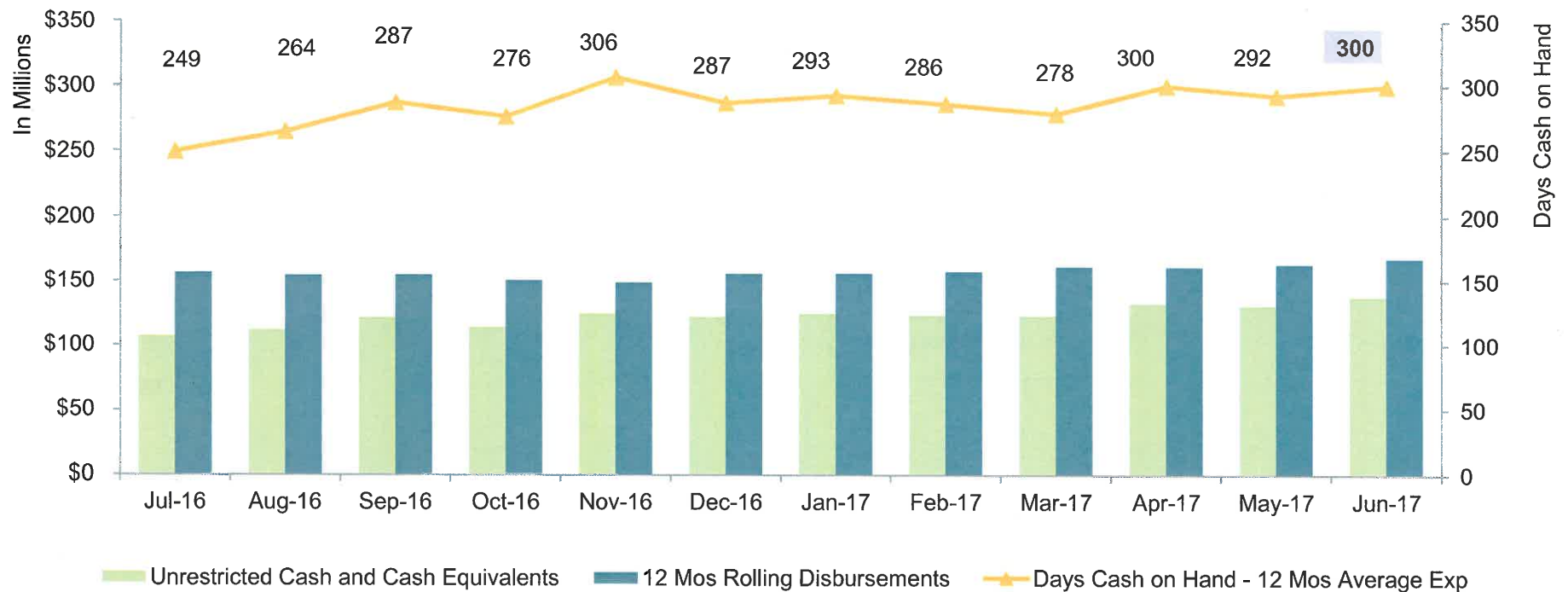
Portfolio

Authorized Investments	Allowable Threshold (\$ million or %)	Investment Value as of June 30, 2017				Average Yield	Portfolio % (Unrestricted)
		Under 1 Year	1 – 3 Years	Over 3 Years	Total		
LAIF	\$65	\$33.1			\$33.1	0.978%	24.1%
CalTrust	\$20	\$10.1	\$ 6.0		\$16.1	1.167%	11.7%
CAMP	\$20	\$18.2			\$18.2	1.05%	13.2%
Citizens Business Bank - Sweep	40%	\$19.6			\$19.6	0.50%	14.3%
Brokered CD's	30%	\$ 1.9	\$ 1.0	\$0.5	\$ 3.4	1.50%	2.5%
Commercial Paper	25%	\$ 2.0			\$ 2.0	1.31%	1.5%
Medium Term Notes	10%	\$ 5.5	\$ 8.1		\$13.6	1.32%	9.9%
Municipal Bond	10%		\$ 1.0		\$ 1.0	1.75%	0.7%
US Treasury Note	n/a		\$ 2.0		\$ 2.0	1.35%	1.4%
US Government Securities	n/a	\$ 5.2	\$23.2		\$28.4	1.24%	20.7%
Total		\$95.6	\$41.3	\$0.5	\$137.4	1.058%	100%

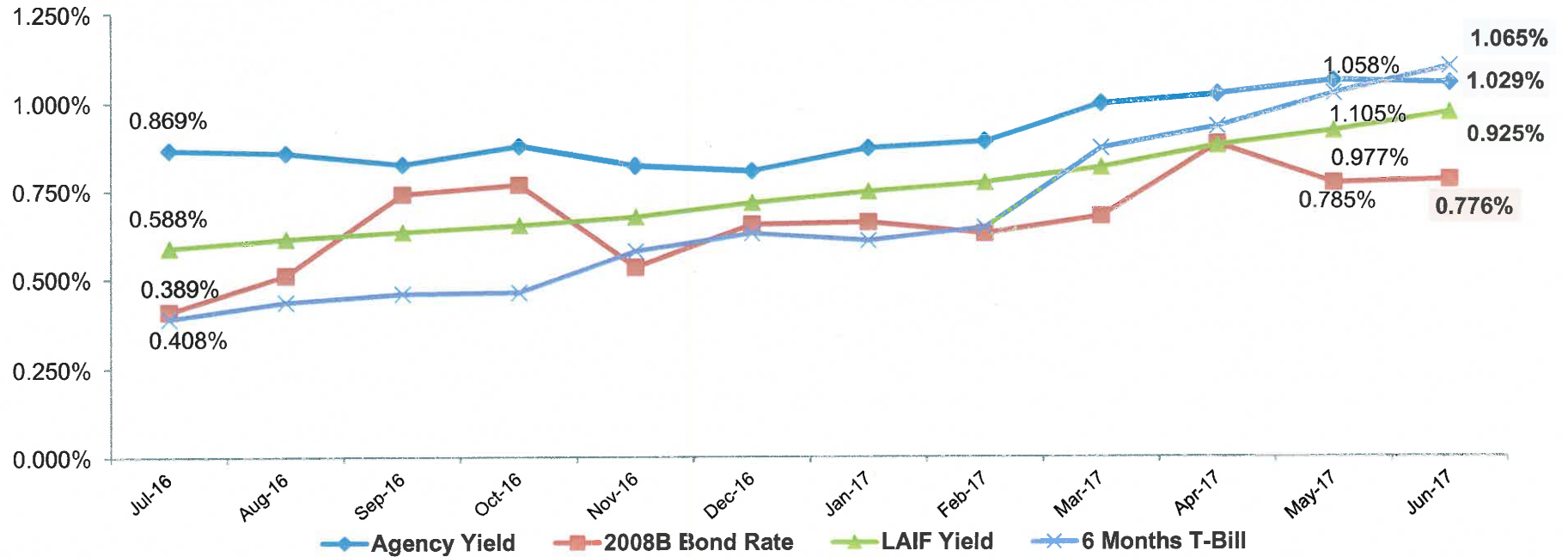
Cash, Investments, and Restricted Deposits



Days Cash on Hand 12 Months Rolling Average



Month End Portfolio Yield Composition





Questions?

The Treasurer's Report of Financial Affairs is consistent with the Agency's business goal of fiscal responsibility

TREASURER'S REPORT OF FINANCIAL AFFAIRS

For the Month Ended June 30, 2017



All investment transactions have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2016-5-1) adopted by the Inland Empire Utilities Agency's Board of Directors during its regular meeting held on May 18, 2016.

The funds anticipated to be available during the next six-month period are expected to be sufficient to meet all foreseen expenditures during the period.

* A Municipal Water District

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
June 30, 2017

	<u>June</u>	<u>May</u>
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>	<u>\$190,851</u>	<u>\$5,006,066</u>
<u>Investments</u>		
Citizens Business Bank (CBB) Repurchase (Sweep)	\$19,613,265	\$12,906,970
Local Agency Investment Fund (LAIF)	33,108,664	28,108,664
CalTrust	16,145,336	16,135,543
California Asset Management Program (CAMP)	18,169,486	18,153,798
Certificates of Deposit	3,385,000	3,385,000
Municipal Bonds	997,283	997,180
Commercial Paper	1,995,273	1,993,156
Medium Term Notes	13,596,345	13,599,005
U.S. Treasury Notes	1,991,453	1,991,087
U.S. Government Sponsored Entities	28,428,077	28,427,729
Total Investments	<u>\$137,430,182</u>	<u>\$125,698,132</u>
Total Cash and Investments Available to the Agency	<u>\$137,621,033</u>	<u>\$130,704,198</u>
<u>Restricted Deposits</u>		
Debt Service Accounts	\$2,552,575	\$2,552,095
CCRA Deposits Held by Member Agencies	28,639,924	25,510,292
OPEB (CERBT) Account	11,685,987	9,707,771
Escrow Deposits	311,004	280,209
Total Restricted Deposits	<u>\$43,189,490</u>	<u>\$38,050,367</u>
Total Cash, Investments, and Restricted Deposits	<u><u>\$180,810,523</u></u>	<u><u>\$168,754,565</u></u>

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended

June 30, 2017

Cash, Bank Deposits, and Bank Investment Accounts

CBB Demand Account (Offset by CBB Sweep Balance)	(\$22,365)
CBB Workers' Compensation Account	43,330
Bank of America (BofA) Payroll Account	26,880
BofA Payroll Taxes Account	28,702
Subtotal Demand Deposits	<u>\$76,547</u>

Other Cash and Bank Accounts

Petty Cash	<u>\$2,250</u>
Subtotal Other Cash	\$2,250

US Bank Pre-Investment Money Market Account

\$112,054

Total Cash and Bank Accounts

\$190,851

Investments

CBB Repurchase (Sweep) Investments

FHLMC	5,284,064
FNMA	14,329,201
Subtotal CBB Repurchase (Sweep)	<u>\$19,613,265</u>

Local Agency Investment Fund (LAIF)

LAIF Fund	<u>\$33,108,664</u>
Subtotal Local Agency Investment Fund	\$33,108,664

CalTrust

Short Term	\$10,164,325
Medium Term - Restricted	5,981,011
Subtotal CalTrust	<u>\$16,145,336</u>

California Asset Management Program (CAMP)

Pool	<u>\$18,169,486</u>
Subtotal CAMP	\$18,169,486

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
June 30, 2017

Investments Continued

Brokered Certificates of Deposit

Brokered Certificates of Deposit	\$3,385,000
Subtotal Brokered Certificates of Deposit	\$3,385,000

Commercial Paper

Natixis NY Branch	\$1,995,273
Subtotal Commercial Paper	\$1,995,273

Municipal Bonds

State and Local Municipal Bonds	\$997,283
Subtotal Municipal Bonds	\$997,283

Medium Term Notes

John Deere Capital Corp.	1,000,234
Toyota Motor Credit Corp.	2,000,000
JP Morgan Chase & Co.	999,692
Johnson & Johnson	2,013,766
Microsoft	2,063,384
Exxon Mobil	2,510,035
Wells Fargo Bank N.A.	3,009,234
Subtotal Medium Term Notes	\$13,596,345

U.S. Treasury Notes

Treasury Note	\$1,991,453
Subtotal U.S. Treasury Notes	\$1,991,453

U.S. Government Sponsored Entities

Fannie Mae Bank	\$3,749,638
Freddie Mac Bank	8,485,492
Federal Farm Credit Bank	13,194,697
Federal Home Loan Bank	2,998,250
Subtotal U.S. Government Sponsored Entities	\$28,428,077

<i>Total Investments</i>	\$137,430,182
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INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
June 30, 2017

Restricted Deposits

Debt Service

08B Debt Service Accounts	\$2,545,853
10A Debt Service Accounts	16
17A Debt Service Accounts	6,706
Subtotal Debt Service	\$2,552,575

CCRA Deposits Held by Member Agencies

City of Chino	\$3,592,226
Cucamonga Valley Water District	3,060,910
City of Fontana	4,003,050
City of Montclair	835,953
City of Ontario	10,748,859
City of Chino Hills	5,375,488
City of Upland	1,023,438
Subtotal CCRA Deposits Held by Member Agencies	\$28,639,924

CalPERS

OPEB (CERBT) Account	\$11,685,987
Subtotal CalPERS Accounts	\$11,685,987

Escrow Deposits

Kemp Brothers Construction	\$311,004
Subtotal Escrow Deposits	\$311,004

Total Restricted Deposits

\$43,189,490

Total Cash, Investments, and Restricted Deposits as of June 30, 2017

\$180,810,523

Total Cash, Investments, and Restricted Deposits as of 06/30/17

\$180,810,523

Less: Total Cash, Investments, and Restricted Deposits as of 05/31/17

168,754,565

Total Monthly Increase (Decrease)

\$12,055,958

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
June 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	June	June	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value		Date	Value	
Cash, Bank Deposits, and Bank Investment Accounts													
Citizens Business Bank (CBB)													
Demand Account*					(\$22,365)	(\$22,365)	N/A	N/A	(\$22,365)		N/A	N/A	(\$22,365)
Workers' Compensation Account					43,330	43,330	N/A	N/A	43,330		N/A	N/A	43,330
Subtotal CBB Accounts					\$20,965	\$20,965			\$20,965				\$20,965
Bank of America (BofA)													
Payroll Checking					\$26,880	\$26,880	N/A	N/A	\$26,880		N/A	N/A	\$26,880
Payroll Tax Checking					28,702	28,702	N/A	N/A	28,702		N/A	N/A	28,702
Subtotal B of A Accounts					\$55,582	\$55,582			\$55,582		N/A		\$55,582
US Bank (USB)													
Federated Automated MMA					\$112,054	\$112,054	N/A	N/A	\$112,054		0.25%	N/A	\$112,054
Subtotal USB Account					\$112,054	\$112,054			\$112,054		0.25%		\$112,054
Petty Cash					\$2,250	\$2,250	N/A	N/A	\$2,250		N/A	N/A	\$2,250
Total Cash, Bank Deposits and Bank Investment Accounts					\$190,851	\$190,851			\$190,851				\$190,851
<i>*Negative demand checking balance is offset by the Daily Repurchase (Sweep) Account balance</i>													
Investments													
CBB Daily Repurchase (Sweep) Accounts													
FHLMC					\$5,284,064	\$5,284,064	N/A	N/A	\$5,284,064		0.50%	N/A	\$5,284,064
FNMA					14,329,201	14,329,201			14,329,201		0.50%		14,329,201
Subtotal CBB Repurchase Accounts					\$19,613,265	\$19,613,265			\$19,613,265		0.50%		\$19,613,265
LAIF Accounts													
Non-Restricted Funds					\$33,108,664	\$33,108,664	N/A	N/A	\$33,108,664		0.978%	N/A	\$33,108,664
Subtotal LAIF Accounts					\$33,108,664	\$33,108,664			\$33,108,664		0.978%		\$33,108,664
CALTRUST Accounts													
Short-Term					\$10,164,325	\$10,164,325	N/A	N/A	\$10,164,325		1.10%	N/A	\$10,164,325
Medium-Term (Self Insurance Reserves)					5,981,011	5,981,011	N/A	N/A	5,981,011		1.28%	N/A	5,981,011
Subtotal CalTrust Accounts					\$16,145,336	\$16,145,336			\$16,145,336		1.167%		\$16,145,336
CAMP Accounts													
Short-Term					\$18,169,486	\$18,169,486	N/A	N/A	\$18,169,486		1.05%	N/A	\$18,169,486
Subtotal CAMP Accounts					\$18,169,486	\$18,169,486			\$18,169,486		1.05%		\$18,169,486

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
June 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	June	June	%	%	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value	Coupon	Yield to Maturity	Date	Value
Investments (continued)													
Brokered Certificates of Deposit (CDs)													
Comenity Capital Bank	N/A				\$240,000	\$240,000	731		\$240,000	1.15%	1.15%	07/13/17	\$240,002
Discover Bank	N/A				240,000	240,000	552		240,000	1.15%	1.15%	07/17/17	240,019
Medallion Bank	N/A				240,000	240,000	733		240,000	1.20%	1.20%	07/17/17	240,002
Sallie Mae Bank	N/A				248,000	248,000	743		248,000	1.15%	1.15%	11/06/17	248,052
Key Bank National Association	N/A				248,000	248,000	732		248,000	1.10%	1.10%	11/13/17	248,060
Capital One Bank	N/A				240,000	240,000	916		240,000	1.35%	1.35%	01/16/18	240,204
Goldman Sachs Bank USA	N/A				240,000	240,000	916		240,000	1.40%	1.40%	01/16/18	240,271
BMW Bank of North America	N/A				240,000	240,000	915		240,000	1.40%	1.40%	01/17/18	240,271
American Express Bank	N/A				240,000	240,000	1097		240,000	1.70%	1.70%	07/16/18	240,317
American Express Centurion	N/A				240,000	240,000	1097		240,000	1.70%	1.70%	07/16/18	240,317
Ally Bank	N/A				243,000	243,000	722		243,000	1.45%	1.45%	03/11/19	242,653
Wells Fargo Bank	N/A				242,000	242,000	729		242,000	1.55%	1.55%	03/15/19	242,048
HSBC Bank USA, NA Step	N/A				244,000	244,000	1827		244,000	1.25%	2.507%	07/29/20	244,015
Synchrony Bank	N/A				240,000	240,000	1827		240,000	2.25%	2.25%	10/02/20	243,041
Subtotal Brokered CDs					\$3,385,000	\$3,385,000		\$0	\$3,385,000		1.50%		\$3,389,272
US Treasury Note													
US Treasury Note					\$2,000,000	\$1,990,000	808	366	\$1,991,453	1.125%	1.35%	05/31/19	\$1,990,700
Subtotal US Treasuries					\$2,000,000	\$1,990,000		\$366	\$1,991,453		1.35%		\$1,990,700
U.S. Government Sponsored Entities													
Federal Farm Credit Bank (<i>Sinking Fund Reserves 20</i>)	AA+	Aaa			\$5,195,000	\$5,199,431	447	(293)	\$5,195,732	0.75%	0.68%	09/13/17	\$5,192,091
Federal Home Loan Bank	AA+	Aaa			1,000,000	1,000,380	713	(16)	1,000,298	1.25%	1.23%	01/18/19	997,720
Federal Farm Credit Bank	AA+	Aaa			3,000,000	3,000,000	1,079		3,000,000	1.15%	1.15%	02/22/19	2,980,470
Freddie Mac Bond	AA+	Aaa			1,000,000	1,003,132	1,023	(92)	1,001,907	1.25%	1.14%	03/15/19	997,860
Federal Farm Credit	AA+	Aaa			1,500,000	1,499,411	720	24	1,499,487	1.40%	1.42%	03/27/19	1,497,240
Federal Farm Credit	AA+	Aaa			1,500,000	1,499,400	720	25	1,499,478	1.40%	1.42%	03/27/19	1,497,240
Federal Home Loan Bank	AA+	Aaa			2,000,000	1,997,600	801	89	1,997,952	1.375%	1.43%	05/24/19	1,997,080
Freddie Mac Bond	AA+	Aaa			2,000,000	2,000,000	798		2,000,000	1.55%	1.55%	06/06/19	2,000,640
Federal Farm Credit Bank	AA+	Aaa			2,000,000	2,000,000	1,460		2,000,000	1.52%	1.52%	06/24/19	2,000,800
Freddie Mac Bond	AA+	Aaa			1,500,000	1,500,000	1,080		1,500,000	1.15%	1.15%	07/26/19	1,478,265
Fannie Mae Step Bond	AA+	Aaa			1,500,000	1,500,000	1,080		1,500,000	0.875%	1.33%	07/26/19	1,488,045
Fannie Mae Bond	AA+	Aaa			900,000	899,460	1,153	14	899,638	1.25%	1.25%	08/23/19	890,649
Fannie Mae Bond	AA+	Aaa			1,350,000	1,350,000	1,157		1,350,000	1.25%	1.25%	08/26/19	1,335,623
Freddie Mac Bond	AA+	Aaa			3,000,000	2,972,928	1,359	598	2,983,585	1.25%	1.50%	10/02/19	2,983,500
Freddie Mac Bond	AA+	Aaa			1,000,000	1,000,000	1,093		1,000,000	1.63%	1.630%	01/28/20	998,550
Subtotal U.S. Gov't Sponsored Entities					\$28,445,000	\$28,421,742		\$349	\$28,428,077		1.24%		\$28,335,773

(As of August 2011, all US GSE's have been downgraded to AA+ Rating by S&P)

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
June 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	June	June	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value			Date	Value
Commercial Paper													
Natixis NY Branch	A-	A2			\$2,000,000	\$1,986,877	182	2,117	\$1,995,273	1.29%	1.307%	09/05/17	\$1,995,440
Subtotal Commercial Paper					\$2,000,000	\$1,986,877		\$2,117	\$1,995,273		1.31%		\$1,995,440
Municipal Bonds													
San Diego Redevelopment Agency	AA	N/R			\$1,000,000	\$996,800	934	\$103	\$997,283	1.625%	1.75%	09/01/19	\$992,900
Subtotal State and Local Municipal Bonds					\$1,000,000	\$996,800		\$103	\$997,283		1.75%		\$992,900
Medium Term Notes													
John Deere Capital Corp	A	A2			\$1,000,000	\$1,004,000	1,754	(68)	\$1,000,234	1.20%	1.11%	10/10/17	\$999,570
Wells Fargo Bank	AA-	Aa2			1,500,000	1,502,565	301	(251)	1,501,721	1.65%	1.44%	01/22/18	1,501,020
Toyota Motor Credit Corp	AA-	Aa3			2,000,000	2,000,000	1,045		2,000,000	1.10%	1.10%	04/25/18	1,985,480
JP Morgan Chase & Co	A-	A3			1,000,000	999,000	1,037	29	999,692	1.625%	1.66%	05/15/18	999,800
Johnson & Johnson	AAA	Aaa			2,000,000	2,027,480	1,044	(790)	2,013,766	1.65%	1.16%	12/05/18	2,004,880
Microsoft	AAA	Aaa			2,050,000	2,076,691	1,045	(766)	2,063,384	1.625%	1.16%	12/06/18	2,055,084
Exxon Mobil	AA+	Aaa			1,000,000	1,005,750	763	(226)	1,004,589	1.708%	1.43%	03/01/19	1,002,190
Exxon Mobil	AA+	Aaa			1,500,000	1,506,285	712	(262)	1,505,446	1.819%	1.59%	03/15/19	1,505,925
Wells Fargo Bank	AA-	Aa2			1,500,000	1,511,655	1,061	(325)	1,507,513	1.75%	1.48%	05/24/19	1,497,090
Subtotal Medium Term Notes					\$13,550,000	\$13,633,426		(2,659)	\$13,596,345		1.32%		\$13,551,039
Total Investments					\$137,416,751	\$137,450,596			\$137,430,182				\$137,291,875
<i>(Source of Investment Market Value: US Bank)</i>													
Restricted Deposits													
Debt Service and Arbitrage Accounts													
08B Debt Service Accounts					\$2,545,853	\$2,545,853	N/A	N/A	\$2,545,853		0.22%		\$2,545,853
10A Debt Service Accounts					16	16	N/A	N/A	16		0.19%		16
17A Debt Service Accounts					6,706	6,706	N/A	N/A	6,706		0.20%		6,706
Total Debt Service Accounts					\$2,552,575	\$2,552,575			\$2,552,575		0.22%		\$2,552,575

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
June 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	June	June	%	%	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value	Coupon	Yield to Maturity	Date	Value
CCRA Deposits Held by Member Agencies													
City of Chino					\$3,592,226	\$3,592,226	N/A	N/A	\$3,592,226		N/A	N/A	\$3,592,226
Cucamonga Valley Water District					3,060,910	3,060,910	N/A	N/A	3,060,910		N/A	N/A	3,060,910
City of Fontana					4,003,050	4,003,050	N/A	N/A	4,003,050		N/A	N/A	4,003,050
City of Montclair					835,953	835,953	N/A	N/A	835,953		N/A	N/A	835,953
City of Ontario					10,748,859	10,748,859	N/A	N/A	10,748,859		N/A	N/A	10,748,859
City of Chino Hills					5,375,488	5,375,488	N/A	N/A	5,375,488		N/A	N/A	5,375,488
City of Upland					1,023,438	1,023,438	N/A	N/A	1,023,438		N/A	N/A	1,023,438
<i>Subtotal CCRA Deposits Held by Member Agencies</i>					\$28,639,924	\$28,639,924			\$28,639,924				\$28,639,924
<i>7/12/17 Reported total as of May 2017</i>													
CalPERS Deposits													
OPEB (CERBT) Account					\$11,000,000	\$11,000,000	N/A	N/A	\$11,685,987		N/A	N/A	\$11,685,987
Subtotal CalPERS Deposits					\$11,000,000	\$11,000,000			\$11,685,987				\$11,685,987
Escrow Deposits													
Kemp Brothers Construction Escrow					\$311,004	\$311,004	N/A	N/A	\$311,004		N/A	N/A	\$311,004
Subtotal Escrow Deposits					\$311,004	\$311,004			\$311,004				\$311,004
Total Restricted Deposits					\$42,496,797	\$42,496,797			\$43,189,490				\$43,182,784
Total Cash, Investments, and Restricted Deposits as of June 30, 2017					\$180,104,399	\$180,138,244			\$180,810,523				\$180,665,510

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
 June 30, 2017

June Purchases

No.	Date	Transaction	Investment Security	Type	Par Amount Purchased	Investment Yield
<i>None</i>						
Total Purchases					<u>\$ -</u>	

June Investment Maturities, Calls & Sales

No.	Date	Transaction	Investment Security	Par Amount Matured/Sold	Investment Yield to Maturity
<i>None</i>					
Total Maturities, Calls & Sales				<u>\$ -</u>	

INLAND EMPIRE UTILITIES AGENCY

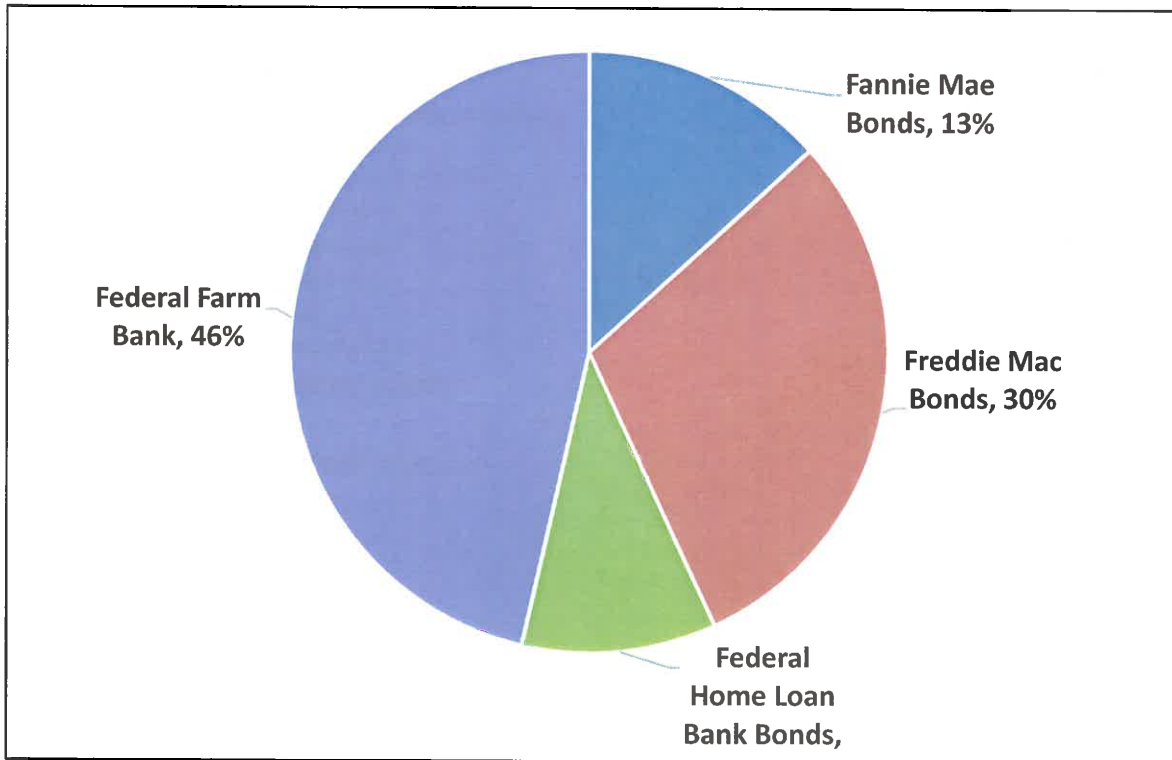
Cash and Investment Summary

Month Ended
June 30, 2017

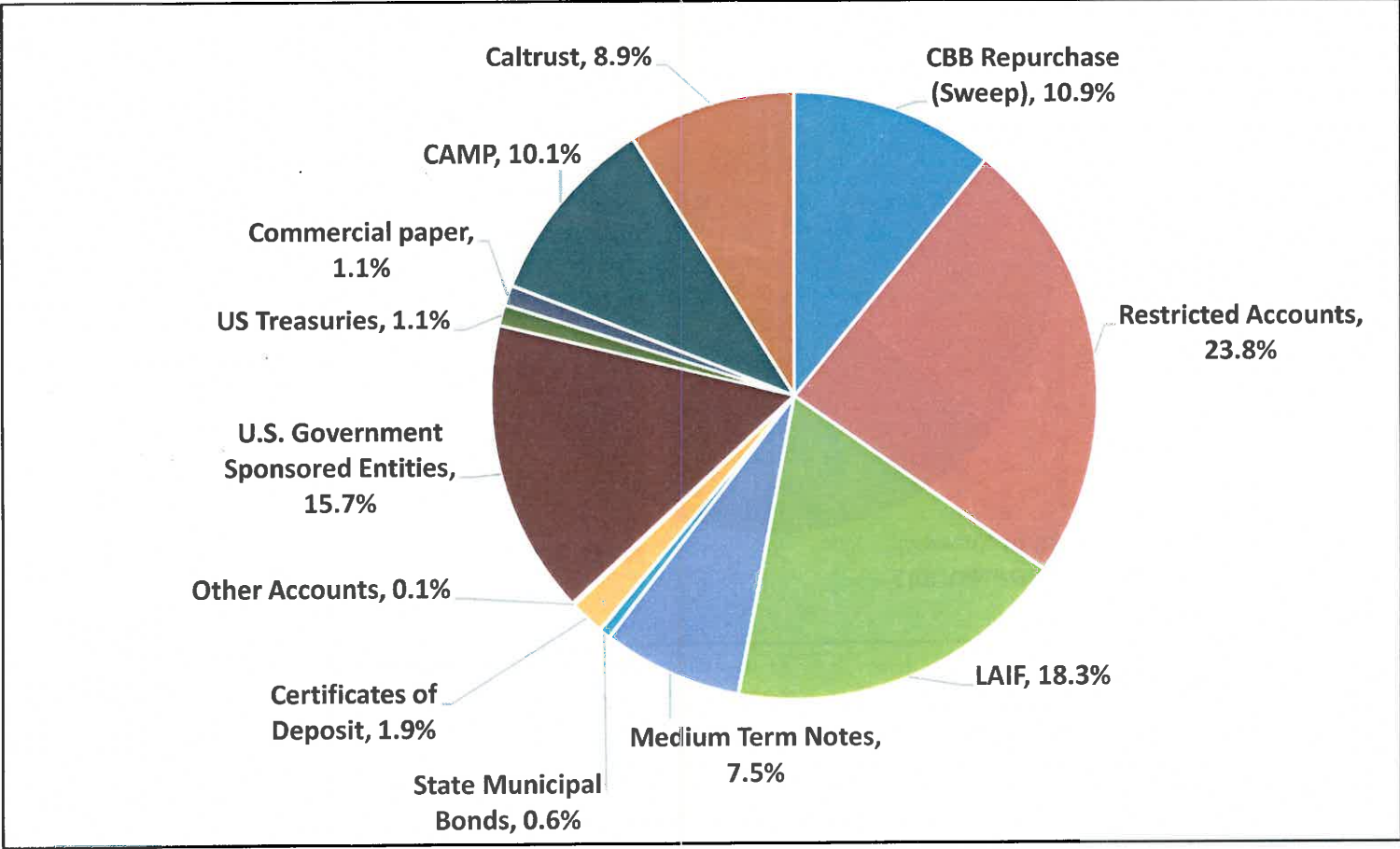
<u>Directed Investment Category</u>	<u>Amount Invested</u>	<u>Yield</u>
CBB Repurchase (Sweep)	\$19,613,265	0.500%
LAIF	33,108,664	0.978%
CalTrust	16,145,336	1.167%
CAMP	18,169,486	1.050%
Brokered Certificates of Deposit	3,385,000	1.503%
Medium Term Notes	13,596,345	1.319%
Municipal Bonds	997,283	1.753%
Commercial Paper	1,995,273	1.307%
US Treasury Notes	1,991,453	1.352%
U.S. Government Sponsored Entities	28,428,077	1.240%
Total Investment Portfolio	\$137,430,182	
Investment Portfolio Rate of Return		1.058%
<u>Restricted/Transitory/Other Accounts</u>	<u>Amount Invested</u>	<u>Yield</u>
CCRA Deposits Held by Member Agencies	\$28,639,924	N/A
CalPERS OPEB (CERBT) Account	11,685,987	N/A
US Bank - 2008B Debt Service Accounts	2,545,853	0.220%
US Bank - 2010A Debt Service Accounts	16	0.190%
US Bank - 2017A Debt Service Accounts	6,706	0.200%
US Bank - Pre-Investment Money Market Account	112,054	0.250%
Citizens Business Bank - Demand Account	(22,365)	N/A
Citizens Business Bank - Workers' Compensation Account	43,330	N/A
Other Accounts*	57,832	N/A
Escrow Account	311,004	N/A
Total Restricted/Transitory/Other Accounts	\$43,380,341	
Average Yield of Other Accounts		0.222%
Total Agency Directed Deposits	\$180,810,523	

* Note: Bank of America Payroll Deposits used as compensating balances for bank services.

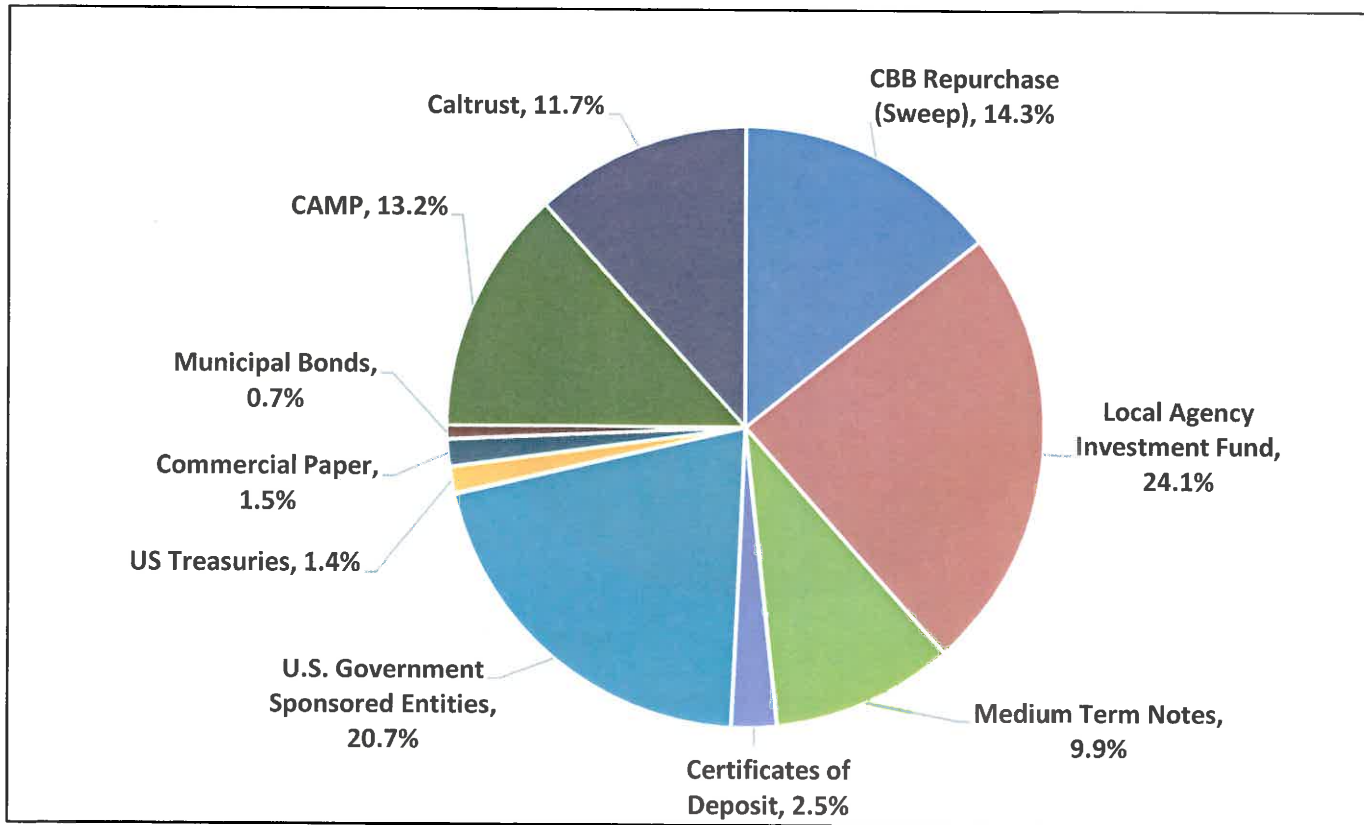
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended June 30, 2017
U.S. Government Sponsored Entities Portfolio
\$28,428,077



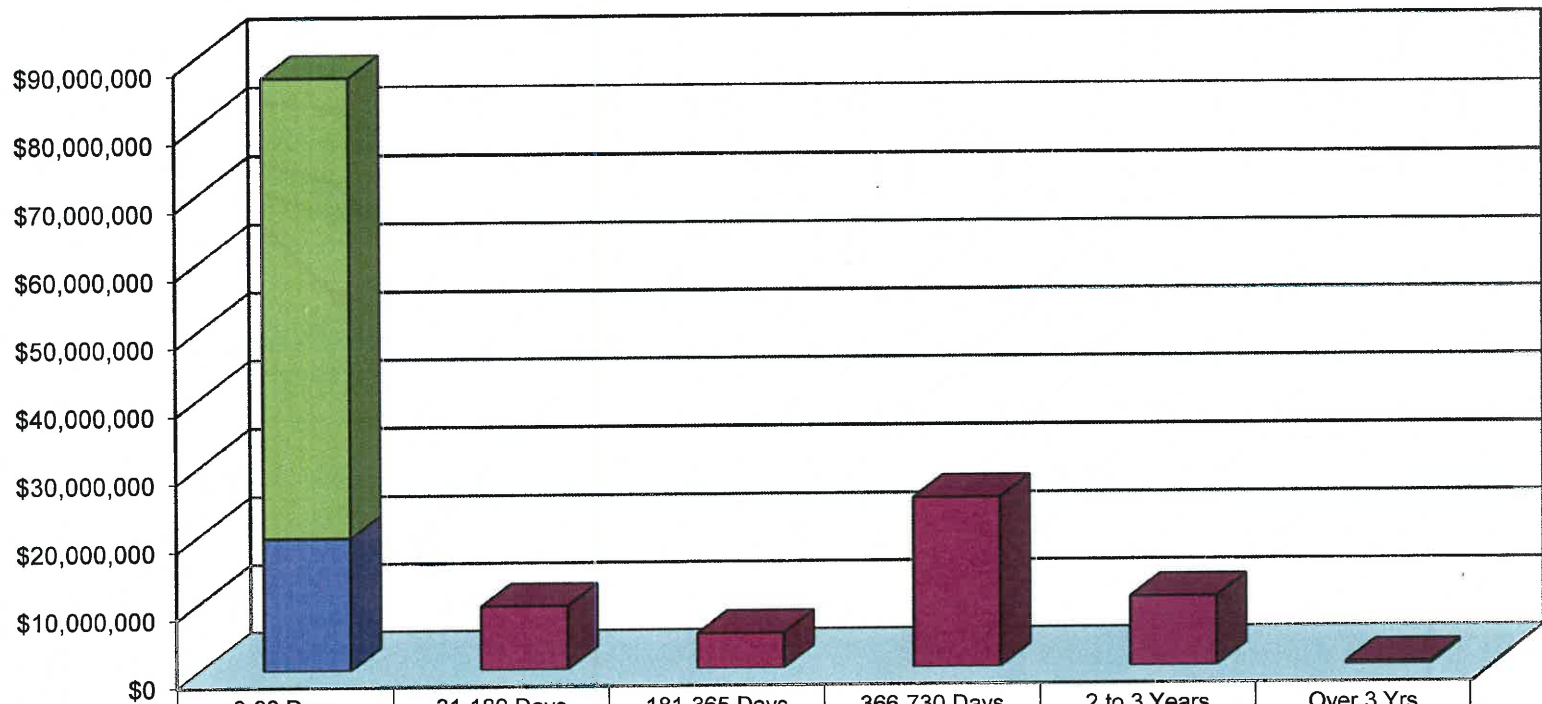
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended June 30, 2017
Agency Investment Portfolio (Net of Escrow Accounts)
\$180,499,519



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended June 30, 2017
Unrestricted Agency Investment Portfolio
\$137,430,182

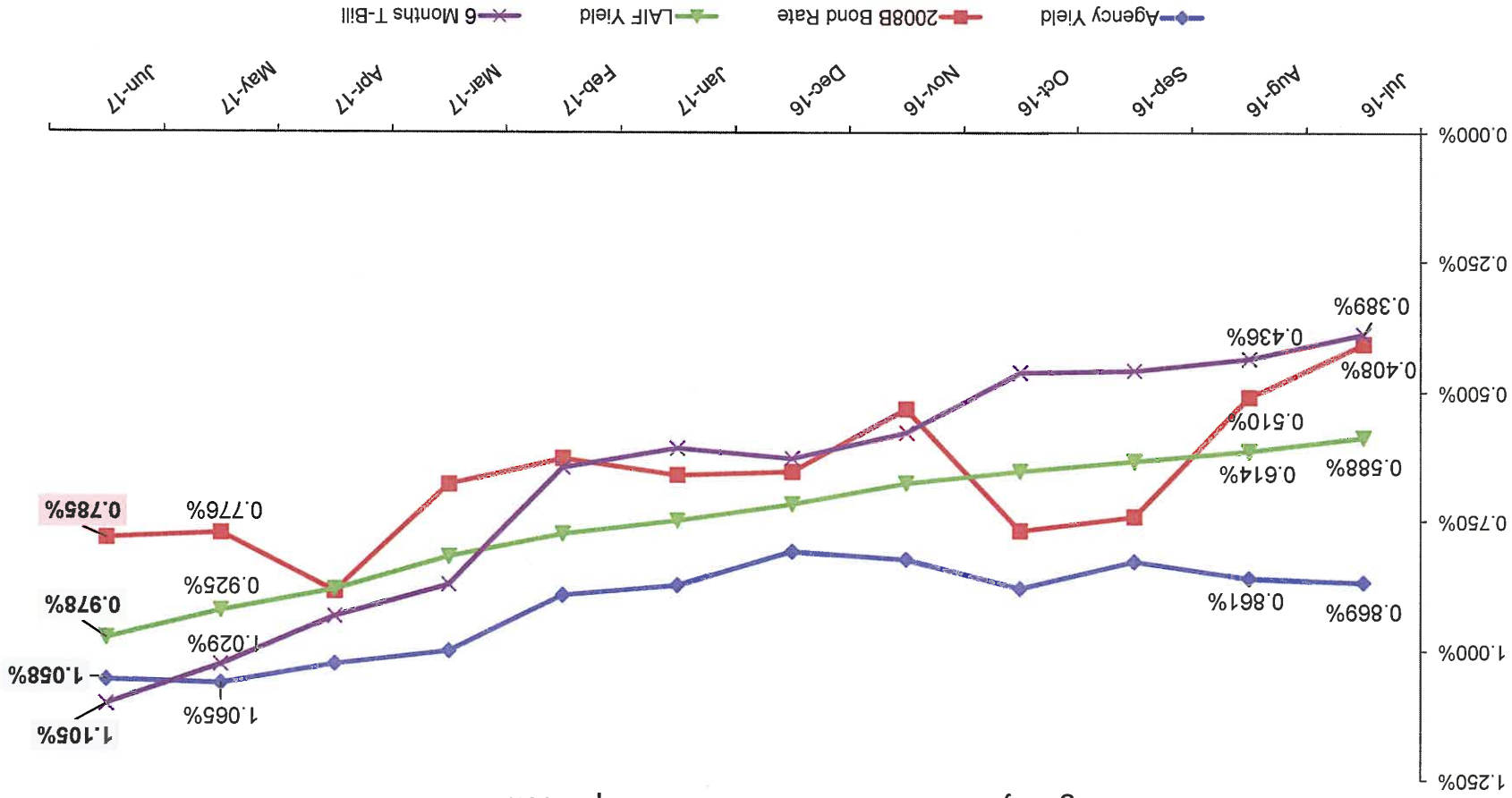


Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended June 30, 2017
Agency Investment Portfolio Maturity Distribution (Unrestricted)
\$137,430,182



	0-30 Days	31-180 Days	181-365 Days	366-730 Days	2 to 3 Years	Over 3 Yrs
■ LAIF + CalTrust+CAMP	\$67,423,486					
■ CBB Repurchase (Sweep)	\$19,613,265					
■ GSE+CD+MTN+MUNI		\$9,407,239	5,221,413	25,050,273	10,230,506	484,000
□ Percent	63.3%	6.9%	3.8%	18.2%	7.4%	0.4%

Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended June 30, 2017
Agency Investment Portfolio Yield Comparison



INFORMATION
ITEM

3L

Date: August 16, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee

08/09/17

Executive Contact: Chris Berch, Executive Manager of Engineering/AGM

Subject: 2016 Annual Report of the Prado Basin Habitat Sustainability Committee

Executive Summary:

Pursuant to the monitoring and mitigation requirements of the 2010 Peace II Subsequent Environmental Impact Report, in order to receive the benefits of Hydraulic Control and Basin Re-Operation, the Prado Basin Habitat Sustainability Committee (PBHSC) must prepare an Annual Report. The Committee presents its First Annual Report for Water Year 2015/2016.

The first annual report documented no indication of a trend in degradation of the extent or quality of the riparian habitat along Chino Creek, Mill Creek, or the Santa Ana River that is contemporaneous with implementation of the Peace II agreement. The PBHSC is not recommending any changes in the Adaptive Management Plan nor are any mitigation measures for Hydraulic Control or Basin Re-Operation necessary at this time.

The draft Annual Report for Water Year 2015/2016 was published and distributed on June 1, 2017. Watermaster and IEUA presented the draft report to members of the PBHSC at a meeting on June 6, 2017. A one-month comment period was provided and several agencies provided feedback. Watermaster Board approved the report at their July 27, 2017 Board meeting.

Staff's Recommendation:

The 2016 Annual Report is an information item for the Board of Directors to receive and file.

Budget Impact: N *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Requested Amount:*

Account/Project Name:

EN18021: Prado Basin HSP

Fiscal Impact (explain if not budgeted):

Prior Board Action:

On April 20, 2016, the Board of Directors approved the amendment to the reimbursement agreement with the Chino Basin Watermaster for the PBHSC.

Environmental Determination:

Statutory Exemption

CEQA exempts a variety of projects from compliance with the statute. This project qualifies for a Statutory Exemption as defined in Section 15261 of the State CEQA Guidelines.

Business Goal:

The PBHSC is consistent with the Agency's Business Goal of Environmental Stewardship by being committed to the responsible use and protection of the environment through conservation and sustainable practices.

Attachments:

Attachment 1 - Background

Attachment 2 - 2016 Annual Report of the Prado Basin Habitat Sustainability Committee

Background

Subject: 2016 Annual Report of the Prado Basin Habitat Sustainability Committee

The Prado Flood Control Basin (Prado Basin) is located in the southernmost, downgradient portion of the Chino Groundwater Basin (Chino Basin). Surface-water flow within the middle Santa Ana River (SAR) and its tributaries discharge into and through the Prado Basin behind Prado Dam, the main flood-control facility on the middle SAR. The US Army Corps of Engineers, in coordination with the Orange County Water District (OCWD), regulates releases from Prado Dam for the purposes of flood control and groundwater recharge in Orange County. The major components of discharge within the SAR and its tributaries are: runoff from precipitation, discharge of tertiary-treated effluent from wastewater treatment plants, rising groundwater, discharge of untreated imported water for groundwater recharge, and other dry-weather runoff. The SAR and its tributaries are unlined across the Prado Basin, which allows for groundwater/surface-water interaction. Groundwater in Chino Basin generally flows from the forebay regions in the north towards Prado Basin in the south. Depth to groundwater is relatively shallow in the Prado Basin area, where groundwater losses can occur via evapotranspiration by riparian vegetation and rising-groundwater outflow to the SAR and its tributaries.

The surface-water impoundments behind Prado Dam and the shallow groundwater have created within Prado Basin the largest riparian forest in Southern California. The riparian forest provides critical habitat for various threatened and endangered species including the Least Bell's Vireo, Southwestern Willow Flycatcher, Yellow-Billed Cuckoo, and the Santa Ana Sucker.

To further implement the goals and objectives of the Chino Basin Optimum Basin Management Program (OBMP), the Chino Basin Watermaster executed the Peace II Agreement in 2007. The primary features of the Peace II Agreement are to provide for Basin Re-operation and the attainment of Hydraulic Control of the Chino Basin. Hydraulic Control is defined as the elimination of groundwater discharge from the Chino-North Management Zone to the Prado Basin, or its reduction to *de minimis* quantities (i.e., less than 1,000 acre-feet per year [afy]). Hydraulic Control ensures that the water management activities in the Chino-North Management Zone will not impair the beneficial uses designated for water quality of the SAR downstream of Prado Dam. Basin Re-operation means the increase in controlled overdraft of the Chino Basin, as defined in the Judgment, from 200,000 acre-ft over the period of 1978 through 2017 to 600,000 acre-ft through 2030. Both desalter expansion in the southwestern portion of the Chino Basin and Re-operation (controlled overdraft over the whole of the Chino Basin) are required to achieve Hydraulic Control. Hydraulic Control was achieved in 2016, and will be maintained through expansion of the desalter program from its current approximate 30,000 afy of groundwater production to 40,000 afy, and the completion of Basin Re-operation.

One of the potential impacts of the Peace II Agreement activities described above is the lowering of groundwater levels (drawdown) in the Prado Basin area, which may impact the riparian habitat that is dependent upon groundwater. To address the potential drawdown and its impact on the riparian habitat, the monitoring and mitigation requirements in the Peace II Subsequent Environmental Impact Report (SEIR) calls for the development and implementation of an adaptive management program for the Prado Basin habitat:

Biological Resources/Land Use & Planning—Section 4.4-3 of the Peace II SEIR

The Chino Basin Stakeholders are committed to ensuring that the Peace II Agreement actions will not significantly adversely impact the Prado Basin riparian habitat. This includes the riparian portions of Chino and Mill Creek's between the terminus of hard lined channels and Prado Basin proper.

The available modeling data in the SEIR indicates that Peace II Agreement implementation will not cause significant adverse effects on the Prado Basin riparian habitat. However, the following contingency measure will be implemented to ensure that the Prado Basin riparian habitat will not incur unforeseeable significant adverse effects, due to implementation of Peace II. IEUA, Watermaster, OCWD and individual stakeholders, that choose to participate, will jointly fund and develop an adaptive management program that will include, but not be limited to:

- monitoring riparian habitat quality and extent;*
- investigating and identifying essential factors to long-term sustainability of Prado Basin riparian habitat;*
- identification of specific parameters that can be monitored to measure potential effects of Peace II Agreement implementation effects on Prado Basin; and*
- identification of water management options to minimize the Peace II Agreement effects on Prado Basin.*

This adaptive management program will be prepared as a contingency to define available management actions by Prado Basin stakeholders to address unforeseeable significant adverse impacts, as well as to contribute to the long-term sustainability of the Prado Basin riparian habitat.

The above effort will be implemented under the supervision of a newly-formed Prado Basin Habitat Sustainability Committee. This Committee will include representatives from all interested parties and will be convened by the Watermaster and IEUA. Annual reports will be prepared and will include recommendations for ongoing monitoring and any adaptive management actions required to mitigate any measured loss or prospective loss of riparian habitat that may be attributable to the Peace II Agreement. As determined by Watermaster and IEUA, significant adverse impacts to riparian habitat that are attributable to the Peace II Agreement will be mitigated.

Pursuant to these monitoring and mitigation requirements of the Peace II SEIR, the Inland Empire Utilities Agency (IEUA) and the Chino Basin Watermaster (Watermaster) convened the Prado Basin Habitat Sustainability Committee (PBHSC) to develop the Prado Basin Habitat Sustainability Program (PBHSP). The PBHSP is an adaptive management program to ensure that the riparian habitat in the Prado Basin will not incur unforeseeable significant adverse effects due to implementation of the Peace II Agreement.

The draft Annual Report for Water Year 2015/2016 was published and distributed on June 1, 2017. Watermaster and IEUA presented the draft report to members of the PBHSC at a meeting on June 6, 2017. A one-month comment period was provided and several agencies provided feedback.

DISCUSSION

This Annual Report for Water Year 2015/16 is the first annual report prepared by Watermaster and IEUA for the PBHSC. It documents the collection, analysis, and interpretations of the data and information generated by the PSHSP through September 30, 2016 and includes the following sections:

- **Section 1** – Introduction. This section describes the background and objectives of the PBHSP and the Annual Report.
- **Section 2** – Monitoring, Data Collection, and Methods. This section describes the collection of historical information and the recent monitoring and groundwater-modeling activities performed during water year 2015/2016 for the PBHSP.
- **Section 3** – Results and Interpretations. This section describes the interpretations and results of the information, data, and groundwater-modeling results.
- **Section 4** – Conclusions and Recommendations. This section summarizes the main conclusions derived from the monitoring and modeling efforts through the prior water year and the recommended activities for the subsequent fiscal year, including a proposed scope-of-work, schedule, and budget.
- **Section 5** – References. This section lists the publications cited in the report.

The Report's Main Findings and Recommendations:

The assessment of the riparian habitat in the Prado Basin, through the analysis of air photos, NDVI, and vegetation surveys, shows that the riparian habitat has increased in its extent and quality since the 1960s. There is no indication of a trend in degradation of the extent or quality of the riparian habitat along Chino Creek, Mill Creek, or the SAR that is contemporaneous with implementation of the Peace and Peace II agreements.

With two exceptions, groundwater levels across the Groundwater Monitoring Program (GMP) study area have remained stable since 1961 and appear to have been unaffected by the implementation of the Peace Agreements. The two exceptions are along the northern reaches of Mill Creek and the SAR, where groundwater levels have fluctuated by up to +/- 10 feet, apparently in response to decreased groundwater production from the GMP area in the 1990s and increased production after about 2000 with the commencement of CDA pumping. The quality of riparian habitat in these areas has shown no trend of degradation since the NDVI estimates became available in the early 1980s, and may have even improved slightly during the Peace Agreement period.

Watermaster's most recent predictive groundwater-modeling results indicate that future declines in groundwater levels in the Prado Basin will be monitored closely and are projected to be gradual, limited in their spatial extent, and relatively minor in magnitude, which provides time to develop appropriate monitoring and mitigation strategies for this area, if necessary. The PBHSP should continue the monitoring of groundwater levels and utilize updated groundwater model projections of groundwater levels to characterize areas of prospective loss of riparian habitat.

The extended dry period from 1999 to 2016 did not correlate with a declining trend in the quality of riparian habitat in Prado Basin, which suggests the availability of source waters for consumptive use by the riparian vegetation other than precipitation and runoff, such as base flow discharge and shallow groundwater.

Discharge in the SAR and its tributaries to Prado Dam has declined significantly since 2005. The declining trend in discharge is attributed to dry climatic conditions from 1999-2016 and the decreases in POTW effluent discharge because of increased recycled-water reuse and decreased wastewater discharge due to an economic recession that began in 2008 and the implementation of emergency water-conservation measures during the recent drought. The quality of riparian habitat in all areas of Prado Basin has shown no trend of degradation that coincides with the decline in stream discharge, and may have improved slightly during the Peace Agreement period along the northern reaches of Chino Creek, Mill Creek, and the SAR.

There are other factors that have had documented adverse impacts on the riparian habitat, including wildfire and pests, particularly, the Polyphagous Shot Hole Borer (PSHB) is a recently observed pest that is causing adverse impacts to trees in Prado Basin. The PSHB should be monitored for and documented in future field-based vegetation surveys.

A goal of the PBHSP is to discern impacts to the riparian habitat due to Peace II implementation versus impacts due to factors not related to Peace II implementation. The annual report primarily utilized visual comparison of time-series data of factors that could affect the riparian habitat to time-series data on the extent and quality of the riparian habitat, and was generally unable to

identify and characterize cause-and-effect relationships. Future efforts to identify and characterize cause-and-effect relationships should include research and application of other appropriate time-series analyses.

The annual report documented no indication of a trend in degradation of the extent or quality of the riparian habitat along Chino Creek, Mill Creek, or the SAR that is contemporaneous with implementation of the Peace II agreement. Hence, no mitigation measures are proposed at this time.

The annual report includes a recommended scope of work for monitoring and reporting for FY 2017/18 with an estimated cost of \$227,000, which is about 50% less cost compared to FY 2016/17. Watermaster and IEUA are cost-sharing partners for this program, and have approved the scope-of-work and budget recommendations in the annual report for FY 2016/17. The Orange County Water District will contribute \$10,000 for the acquisition of a high-resolution air photo of the Prado Basin in 2017.

At this time, the PBHSC is not recommending any changes in the Adaptive Management Plan or that any mitigation measures for Hydraulic Control or Basin Re-Operation are necessary at this time.

Schedule and Milestones
2016 Annual Report of the Prado Basin Habitat Sustainability Committee

Date	Report Milestones	Meetings of the Prado Basin Habitat Sustainability Committee
November 2, 2016 (Wednesday at 2:30 pm)		Kick-off meeting for the Prado Basin Habitat Sustainability Program and the preparation of the <i>2016 Annual Report</i> . Meeting will be held at IEUA headquarters.
March 7, 2017	Watermaster Engineer submits a technical memorandum, <i>Recommended Scope and Budget of the Prado Basin Habitat Sustainability Program for FY 2017-18</i> , to the Committee for review and comment	
March 21, 2017		Watermaster Engineer presents the preliminary results of the Prado Basin Habitat Sustainability Program and the Recommended Scope and Budget of the Prado Basin Habitat Sustainability Program for FY 2017-18. Meeting will be held at IEUA headquarters.
April 7, 2017	Committee submits comments and suggested revisions on draft Recommended Scope and Budget of the Prado Basin Habitat Sustainability Program for FY 2017-18	
April 12, 2017	Watermaster Engineer submits draft <i>2016 Annual Report</i> to the Committee for review and comment.	
April 25, 2017 (Tuesday at 2:30 pm)		Watermaster Engineer presents the draft <i>2016 Annual Report</i> of the Prado Basin Habitat Sustainability Committee. Meeting will be held at IEUA headquarters.
April 28, 2017	Watermaster Engineer submits the final, Recommended Scope and Budget of the Prado Basin Habitat Sustainability Program for FY 2017-18 to Watermaster	
May 10, 2017	Committee submits comments and suggested revisions on the draft <i>2016 Annual Report</i> to Watermaster and IEUA.	
June 1, 2017	Watermaster Engineer issues final <i>2016 Annual Report</i> . The report is included in the agenda packet for June Watermaster meetings for approval.	



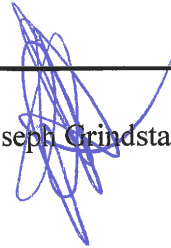
INFORMATION
ITEM

3M

Date: August 16, 2017

To: The Honorable Board of Directors
Committee:

From: P. Joseph Grindstaff, General Manager



Executive Contact: Chris Berch, Executive Manager of Engineering/AGM

Subject: City of Upland Sewer Billing Reimbursement

Executive Summary:

On May 18, 2017, IEUA received a written request from the City of Upland (Upland) for a reimbursement of \$440,083 due to error in overpayment for monthly sewage service charges over fiscal years 2013/14, 2014/15, and 2015/16. On June 6, 2017, IEUA and Upland met to discuss the request and agreed to proceed with a validation of the reimbursement request.

Based on the results of IEUA's and Upland's staff validation completed on July 17, 2017, a recommendation was made to the Regional Technical Committee (Technical Committee) to reimburse Upland for \$412,535.12. The recommended reimbursement amount was less than the original request, as IEUA staff was unable to confirm the overpayment for the residential homes located in San Antonio Heights. Upland was informed that the unconfirmed amount could be submitted for review at a later date following further validation.

On July 27, 2017, the Technical Committee approved the reimbursement of \$412,535.12 to Upland, consistent with the adjustment for overpayment and underpayment procedures of Section 20D of the Regional Sewage Service Contract (Regional Contract).

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file, as the Technical Committee has approved the reimbursement of \$412,535.12 to Upland consistent with the procedures set forth in Section 20 D of the Regional Contract.

Budget Impact: Y *Budgeted (Y/N):* N *Amendment (Y/N):* N *Requested Amount:* \$ 412,535

Account/Project Name:

Fiscal Impact (explain if not budgeted):

The approval of the reimbursement to Upland will result in a decrease of \$412,535.12 from the reserves for the Regional Wastewater Operations (RO) Fund.

Prior Board Action:

None.

Environmental Determination:

Not Applicable

Business Goal:

This reimbursement is consistent with the Agency's Business Goal of Fiscal Responsibility and the procedures set forth in the Regional Contract by correcting an overpayment error made by Upland.

Attachments:

Attachment 1 - Upland Sewer Billing Reimbursement Technical Committee Item (Dated July 27, 2017)



Date: July 27, 2017
To: Regional Technical Committee
From: Inland Empire Utilities Agency
Subject: City of Upland Sewage Billing Reimbursement

RECOMMENDATION

Based on the results of the validation effort by IEUA and Upland on July 12 and July 17, 2017, it is recommended that IEUA reimburse Upland's monthly service charge account for \$412,535.12 as calculated in the Upland Sewage Billing Memorandum (Memorandum) for the overpayment of sewage service charges over fiscal years 2013/14, 2014/15 and 2015/16.

BACKGROUND

On May 18, 2017, IEUA received a written request from the City of Upland (Upland) for reimbursement of \$440,083 due to an overpayment of monthly sewage service charges over fiscal years 2013/14, 2014/15 and 2015/16. As stated in their request, Upland discovered discrepancies in their billing system which resulted in a miscalculation of the number of volumetric equivalent dwelling units (EDUs) reported to IEUA. On June 6, 2017 (the first available date), Upland and IEUA staff met to discuss the request and allow Upland to present the details to support their calculations. After the meeting, Upland agreed to work with IEUA to validate their calculations.

IEUA Internal Audit and Planning staff met with Upland on June 12, 2017 to begin the review and validation of the data and calculations. IEUA notified the Technical Committee of Upland's request for reimbursement on June 29, 2017 with the anticipation to complete the validation process within the next month. IEUA and Upland staff completed the validation on July 17, 2017. Through this validation process, IEUA and Upland staff were able to verify the overpayment of \$412,535.12 to IEUA. IEUA was not able to substantiate overpayment associated with the San Antonio Heights portion of the request (\$27,204.90) and is therefore not including it in the recommended reimbursement. If validated in the future, an additional reimbursement recommendation will be brought forth to the Technical Committee at a later date.

Attachment:

Upland Sewage Billing Memorandum



Date: July 20, 2017
To: File
From: Inland Empire Utilities Agency
Subject: City of Upland Sewage Billing Memorandum

BACKGROUND

On May 18, 2017, IEUA received a written request from the City of Upland (Upland) for reimbursement of \$440,083 for the overpayment of monthly sewage service charges over fiscal years 2013/14, 2014/15 and 2015/16. As stated in the request, Upland discovered discrepancies in their billing system which resulted in a miscalculation in the number of volumetric equivalent dwelling units (EDUs) reported to IEUA. On June 6, 2017 (the first available date), Upland and IEUA staff met to discuss the request and allow Upland to present the details to support their calculations. After the meeting, Upland agreed to work with IEUA on a process to validate the amount for reimbursement. On June 12, 2017, IEUA Internal Audit and Planning staff met with Upland to initially begin the validation of the data. IEUA Planning staff met again with Upland Public Works and Utility Billing staff on July 12 and 17, 2017 to complete the validation. This memorandum summarizes the information reviewed and the results of the joint validation process. The scope of the validation is confined to only the items that Upland noted in their reimbursement request and did not evaluate other contract compliance, such as items identified in the 2015 IEUA Regional Contract Audit.

SEWER BILLING PROCESS

According to Upland staff, bills are sent to customers on a bi-monthly basis (approximately half the customers one month and the other half the following month). Upland follows the *Procedures for Establishing a Regional Sewer Billing Formula* document that is utilized by all Regional Contracting Agencies to calculate sewer bills by using water usage data for commercial accounts.

The water usage is acquired by Upland Water Meter Reader staff through specific meter reading routes within Upland. The data consoles are then brought back and uploaded into Upland's utility billing database (Data Now). Upland staff performs an exception report on the water meter readings to ensure that the data recorded is accurate. If there are any errors or outliers, the water meter reader staff returns to the location to verify the water usage.

The water usage is then used to calculate both the water and sewer bills. Data Now calculates and generates the bill to the customer by using the stored sewer billing factors, water usage, and IEUA rates. On a monthly basis, the Upland Utility Billing staff also generate a sewer billing spreadsheet that summarizes all EDU billing for submittal to IEUA. The commercial EDUs are calculated by

using an export from Data Now to a separate commercial EDU spreadsheet. The data in this spreadsheet is sorted and tabulated to provide the overall number of commercial EDUs. The EDU totals are then inputted into the IEUA sewer billing spreadsheet and reported to IEUA. IEUA invoices Upland for the amount noted on the IEUA sewer billing spreadsheet.

REVIEW AND VALIDATION OF COMMERCIAL EDU DATA

Upland's reimbursement request is based on errors that were made by the previous Utility Billing staff on both the commercial EDU spreadsheet and the IEUA sewer billing spreadsheet. These errors included incorrect sewer billing factors and doubling of the number of reportable EDUs in the IEUA sewer billing spreadsheet.

As part of the validation process IEUA and Upland staff reviewed Upland's reimbursement calculation worksheets. As a result of the review, the group was able to validate the issues identified by Upland and identify some additional minor discrepancies.

The first item confirmed was the incorrect sewer billing factors which were used in the commercial EDU spreadsheet. After choosing several entries to verify Upland's calculations, IEUA found that these reported errors were consistent with Upland's request and that by FY 15/16, the sewer billing factors had been corrected.

The next item IEUA staff confirmed was the doubling of the number of EDUs reported in the IEUA sewer billing spreadsheet. A review of the IEUA sewer billing spreadsheets on file versus the Upland revised EDU calculations showed that previous Utility Billing staff had doubled the EDUs for the commercial accounts even though the water meter readings were taken on two month intervals. After reviewing the data, IEUA found that these reported errors were consistent with Upland's request and that by FY 15/16, the sewer billing factors had been corrected.

IEUA staff also confirmed the recategorization of Western Christian School. Upland staff displayed information in Data Now that showed the facility was appropriately reclassified as Category 9 with the correct billing factor and is no longer included as part of the commercial EDU billing calculations.

There were also three additional items that IEUA and Upland staff found that were not identified in Upland's calculations. The first was instances where the water usage in Data Now and the customer billing were correct, yet the water usage during the export into the commercial EDU spreadsheet showed the usage was doubled. After reviewing the data provided, it appears that Upland corrected the issue during FY 15/16. The second item IEUA staff found was that Upland's reimbursement calculations used the incorrect Category 7 sewer billing factor of 0.0336. The correct sewer billing factor in the *Procedures for Establishing a Regional Sewer Billing Formula* document is 0.0335. The last item identified was the number of EDUs reported to IEUA in February 2016. Upland's calculations showed that 1,959 EDUs were reported when the actual signed report submitted shows 1,927 EDUs.

IEUA ADJUSTMENTS TO REIMBURSEMENT TOTAL

Based on the items validated and identified, the Upland reimbursement calculations have been updated to correct the error for the Category 7 sewer billing factor and the February 2016 EDUs reported.

SAN ANTONIO HEIGHTS (SAH) REIMBURSEMENT REQUEST

During the review of data with Upland Utility Billing staff, it was explained to IEUA that the request for the SAH's reimbursement of sewer fees was based on an assumption that all 118 homes were overbilled. Upon further review of records for four homes in SAH, it was apparent that all four homes were overbilled for the IEUA sewer fees. However, the billing for three out of the four homes did not span the entire three fiscal years that Upland had requested for reimbursement and it was not clear if the overbilling was passed onto IEUA.

After further discussion, Upland Utility Billing staff recognized that the reimbursement request for SAH would require additional internal review. Upland Utility Billing staff expressed that they were committed to reviewing the SAH sewer billing with IEUA to validate the correct amount for reimbursement and submit a separate request to IEUA for consideration at a later date.

RECOMMENDATION

Based on the results of the validation effort by IEUA and Upland, it is recommended that the overbilled amount for reimbursement to Upland's monthly service charge is \$412,535.12. This total does not include the SAH reimbursement request of \$27,204.90.

IEUA also recommends that Upland staff review Data Now to ensure that the correct billing factors and water usage is correctly exported to their commercial EDU spreadsheet for calculation of the overall EDUs and charges due to IEUA.

Attachments:

Upland Validation Spreadsheet

	Month	Upland Reported to IEUA (EDUs)	Upland Audited Sum (EDUs)	Corrected Upland Audited Sum (Cat 7)	IEUA Rate
FY 13-14	Jul-13	2,569	1,483	1,483	\$13.39
	Aug-13	4,007	2,601	2,600	\$13.39
	Sep-13	2,965	2,491	2,491	\$13.39
	Oct-13	4,237	2,820	2,819	\$13.39
	Nov-13	2,168	1,957	1,957	\$13.39
	Dec-13	3,097	2,005	2,004	\$13.39
	Jan-14	2,213	1,753	1,753	\$13.39
	Feb-14	3,577	2,206	2,205	\$13.39
	Mar-14	2,010	1,682	1,682	\$13.39
	Apr-14	3,336	1,998	1,998	\$13.39
	May-14	2,425	1,926	1,926	\$13.39
	Jun-14	3,537	2,261	2,261	\$13.39
FY 14-15	Jul-14	2,406	2,022	2,022	\$14.39
	Aug-14	4,002	2,535	2,534	\$14.39
	Sep-14	2,847	2,449	2,449	\$14.39
	Oct-14	4,429	2,759	2,758	\$14.39
	Nov-14	2,804	2,114	2,114	\$14.39
	Dec-14	3,250	1,966	1,966	\$14.39
	Jan-15	2,529	1,780	1,780	\$14.39
	Feb-15	3,399	1,964	1,963	\$14.39
	Mar-15	2,482	1,706	1,706	\$14.39
	Apr-15	3,832	1,973	1,973	\$14.39
	May-15	2,626	1,833	1,833	\$14.39
	Jun-15	3,904	1,996	1,995	\$14.39
FY 15-16	Jul-15	2,435	1,544	1,543	\$14.39
	Aug-15	4,654	2,320	2,319	\$14.39
	Sep-15	2,643	1,642	1,641	\$14.39
	Oct-15	3,340	2,099	2,099	\$15.89
	Nov-15	1,195	1,368	1,368	\$15.89
	Dec-15	1,711	1,739	1,738	\$15.89
	Jan-16	1,321	1,444	1,444	\$15.89
	Feb-16	1,927	1,962	1,962	\$15.89
	Mar-16	1,320	1,367	1,367	\$15.89
	Apr-16	1,776	1,781	1,780	\$15.89
	May-16	1,328	1,403	1,403	\$15.89
	Jun-16	2,293	2,309	2,308	\$15.89

Total:

Upland Audited I
Corrected Upland Audited I

Upland Reported Data x IEUA Rate (\$)	Upland Audited Sum x IEUA Rate (\$)	Corrected Upland Audited Sum x IEUA Rate (\$)
\$34,394.63	\$19,856.58	\$19,852.55
\$53,647.30	\$34,823.97	\$34,813.19
\$39,700.55	\$33,358.53	\$33,358.11
\$56,739.05	\$37,756.86	\$37,743.99
\$29,032.20	\$26,204.72	\$26,204.23
\$41,468.83	\$26,847.50	\$26,838.89
\$29,630.20	\$23,477.47	\$23,477.09
\$47,898.71	\$29,536.27	\$29,527.80
\$26,918.99	\$22,516.01	\$22,515.55
\$44,673.32	\$26,759.05	\$26,751.44
\$32,476.64	\$25,794.11	\$25,793.69
\$47,361.23	\$30,279.44	\$30,270.37
\$34,620.04	\$29,103.21	\$29,102.62
\$57,585.04	\$36,476.92	\$36,465.70
\$40,974.95	\$35,240.13	\$35,239.41
\$63,733.02	\$39,701.16	\$39,689.22
\$40,351.57	\$30,426.86	\$30,426.79
\$46,773.54	\$28,288.47	\$28,285.44
\$36,396.91	\$25,616.11	\$25,614.49
\$48,914.49	\$28,256.05	\$28,248.58
\$35,713.97	\$24,551.62	\$24,549.77
\$55,146.22	\$28,393.40	\$28,388.89
\$37,783.25	\$26,374.90	\$26,373.99
\$56,183.74	\$28,716.04	\$28,707.07
\$35,043.68	\$22,211.30	\$22,210.53
\$66,967.32	\$33,384.07	\$33,373.39
\$38,038.53	\$23,621.49	\$23,620.45
\$53,077.37	\$33,357.20	\$33,357.20
\$18,983.62	\$21,732.96	\$21,731.66
\$27,191.60	\$27,629.34	\$27,620.31
\$20,992.44	\$22,943.10	\$22,941.52
\$30,621.46	\$31,179.85	\$31,170.70
\$20,971.78	\$21,720.55	\$21,716.95
\$28,221.91	\$28,297.57	\$28,289.34
\$21,096.52	\$22,293.14	\$22,289.56
\$36,442.60	\$36,682.47	\$36,671.62
\$1,435,767.22	\$1,023,408.44	\$1,023,232.10

Reimbursement Total: \$412,358.78

Reimbursement Total: \$412,535.12

**AGENCY
REPRESENTATIVES'
REPORTS**

4A



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

REGULAR COMMISSION MEETING TUESDAY, AUGUST 15, 2017 – 9:30 A.M.

AGENDA

1. **CALL TO ORDER/PLEDGE OF ALLEGIANCE (Susan Lien Longville, Chair)**
2. **ROLL CALL**
3. **PUBLIC COMMENTS**

Members of the public may address the Commission on items within the jurisdiction of the Commission; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).
4. **CONSENT CALENDAR**

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Commission by one motion as listed below.

 - A. **APPROVAL OF MEETING MINUTES: JULY 31, 2017**
Recommendation: Approve as posted.
 - B. **APPROVAL OF MEETING MINUTES: AUGUST 1, 2017**
Recommendation: Approve as posted.
5. **NEW BUSINESS**
 - A. **MEMBER AGENCY GENERAL MANAGERS REPORT (CM#2017.104)**
Presenters: John Rossi | Doug Headrick | Joe Grindstaff | Mike Markus | Paul Jones
Recommendation: Receive and provide initial feedback on the presentation of the report from the Member Agency General Managers, and establish a Special Meeting workshop date and location to discuss the report recommendations that address communication/collaboration, business practices, changes to the JPA Agreement, and an update to the SAWPA Strategic Plan.
 - B. **BASIN MONITORING PROGRAM TASK FORCE UPDATE (CM#2017.107)**
Presenter: Mark Norton
Recommendation: Receive and file.

- C. **DISADVANTAGED COMMUNITY INVOLVEMENT PROGRAM – ENGAGE UC IRVINE (CM#2017.105)**
Presenter: Mike Antos
Recommendation: Direct the Interim General Manager to negotiate and execute a subagreement, not to exceed \$105,000, with University of California Irvine as a partner to the Disadvantaged Community Involvement Program.
- D. **INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT PHASE 1 (CM#2017.106)**
Presenter: David Ruhl
Recommendation: Receive and file.

6. **INFORMATIONAL REPORTS**

Recommendation: Receive for information.

- A. **CASH TRANSACTIONS REPORT – JUNE 2017**
Presenter: Karen Williams
- B. **INTER-FUND BORROWING – JUNE 2017 (CM#2017.102)**
Presenter: Karen Williams
- C. **PERFORMANCE INDICATORS/FINANCIAL REPORTING – JUNE 2017 (CM#2017.103)**
Presenter: Karen Williams
- D. **HOMELESSNESS & WATER SYMPOSIUM SUMMARY (CM#2017.108)**
Presenter: Mike Antos
- E. **DRAFT DWR PROPOSITION 1 ROUND 1 IMPLEMENTATION GRANT PROCESS (CM#2017.109)**
Presenter: Mark Norton
- F. **OWOW PLAN UPDATE 2018 STATUS (CM#2017.110)**
Presenter: Mike Antos
- G. **SAWPA OWOW QUARTERLY STATUS REPORT FOR THE PERIOD: APRIL 1 2017 THROUGH JUNE 30 2017**
Presenter: Mark Norton
- H. **SAWPA ROUNDTABLE QUARTERLY STATUS REPORT FOR THE PERIOD: APRIL 1 2017 THROUGH JUNE 30 2017**
Presenter: Mark Norton
- I. **SAWPA GENERAL MANAGERS MEETING NOTES – AUGUST 8, 2017**
Presenter: Rich Haller
- J. **CHAIR’S COMMENTS/REPORT**
- K. **COMMISSIONERS’ COMMENTS**
- L. **COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS**

7. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(1)

Name of Case: Spiniello Companies v. Charles King Company, Inc., Santa Ana Watershed Project Authority, The Ohio Casualty Insurance Company (Superior Court of Los Angeles BC616589)

B. PURSUANT TO GOVERNMENT CODE SECTION 54957 – PERSONNEL MATTERS
General Manager

8. ADJOURNMENT

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, please call (951) 354-4230 or email kberry@sawpa.org. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Commission after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at www.sawpa.org, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Wednesday, August 9, 2017, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted in SAWPA's office at 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

2017 SAWPA Commission Meetings | Events

First and Third Tuesday of the Month; unless otherwise noticed,
all Commission Workshops/Meetings begin at 9:30 a.m. and are held at SAWPA.)

January 1/3/17 Commission Workshop 1/10/17 Special Commission Meeting 1/17/17 Regular Commission Meeting	February 2/7/17 Commission Workshop 2/21/17 Regular Commission Meeting
March 3/7/17 Commission Workshop 3/21/17 Regular Commission Meeting	April 4/4/17 Commission Workshop 4/18/17 Regular Commission Meeting
May 5/2/17 Commission Workshop 5/9 – 5/12 ACWA Spring Conference, Monterey 5/16/17 Regular Commission Meeting 5/25/17 OWOW Conference [Ontario Convention Cntr]	June 6/6/17 Commission Workshop 6/20/17 Regular Commission Meeting
July 7/4/17 No Meeting (Independence Day) 7/18/17 Regular Commission Meeting 7/31/17 Special Meeting	August 8/1/17 Commission Workshop 8/15/17 Regular Commission Meeting 8/17/17 Special Commission Meeting
September 9/5/17 Commission Workshop 9/19/17 Regular Commission Meeting	October 10/3/17 Commission Workshop 10/17/17 Regular Commission Meeting
November 11/7/17 Commission Workshop 11/21/17 Regular Commission Meeting 11/28 – 12/1 ACWA Fall Conference, Anaheim	December 12/5/17 Commission Workshop 12/19/17 Regular Commission Meeting

SAWPA Compensable Meetings – Other

Unless otherwise noted, all meetings are held at SAWPA.

Commissioners and Alternate Commissioners will receive compensation for attending the meetings listed below, pursuant to the Commission Compensation, Expense Reimbursement, and Ethics Training Policy.

IMPORTANT NOTE: These meetings are subject to change. Prior to attending any meeting listed below, please confirm meeting details by viewing the website calendar using the following link:

<http://www.sawpa.org/events/>

August 8/1/17 PA 23 Committee Mtg 8:30 a.m. 8/15/17 LE/CL TMDL Task Force Mtg 1:00 p.m. 8/16/17 Basin Monitoring Program Task Force Mtg 1:30 p.m. 8/17/17 LESJWA Board Mtg 4:00 p.m. at Elsinore Valley MWD [cancelled] 8/15/17 OWOW Land Use and Water Planning Pillar Mtg 10:30 a.m. 8/24/17 PA 22 Committee Mtg 8:00 a.m. 8/24/17 OWOW Pillar Integration Wkshp 9:00 a.m. 8/24/17 Brine Line Ordinance No.8 Wkshp 1:00 p.m.	September 9/12/17 MSAR TMDL Task Force Mtg 9:00 a.m. 9/12/17 LE/CL TMDL Task Force Mtg 1:00 p.m. 9/19/17 Basin Monitoring Program Task Force Mtg 1:30 p.m. 9/28/17 PA 22 Committee Mtg 8:00 a.m. 9/28/17 OWOW Steering Committee Mtg 11:00 a.m.
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**AGENCY
REPRESENTATIVES'
REPORTS**

4B



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

MWD MEETING AGENDA

Adjourned Board Meeting

August 15, 2017

12:00 p.m. -- Board Room

MWD Headquarters
Building

700 N. Alameda
Street

Los Angeles, CA
90012

1. Call to Order

- (a) Invocation: Adrian Brown, Interim Team Manager with the Records Management and Imaging Services
- (b) Pledge of Allegiance: Director Larry D. Dick, Municipal Water District of Orange County

2. Roll Call

3. Determination of a Quorum

4. Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Gov. Code § 54954.3(a))

5. OTHER MATTERS

- A. Report on list of certified assessed valuations for fiscal year 2017/18 and tabulation of assessed valuations, percentage participation, and vote entitlement of member agencies as of August 15, 2017. (F&I) (To be mailed separately)
- B. Approval of the Minutes of the Meeting for July 11, 2017. (A copy has been mailed to each Director) Any additions, corrections, or omissions

Draft Minutes

C.

Report on Directors' events attended at Metropolitan expense for month of June

- D. Approve committee assignments
- E. Chairman's Monthly Activity Report

6. DEPARTMENT HEADS' REPORTS

- A. General Manager's summary of Metropolitan's activities for the month of July
- B. General Counsel's summary of Legal Department activities for the month of July
- C. General Auditor's summary of activities for the month of July
- D. Ethics Officer's summary of activities for the month of July

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Adopt CEQA determination and appropriate \$1.95 million; and award \$767,201 contract to Environmental Construction, Inc. for installation of valves at the Lakeview Pipeline/Inland Feeder Intertie (Appropriation No. 15488). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action was previously addressed in the 2104 NOE and that no further environmental analysis or documentation is required, and a - Appropriate \$1.95 million; and b - Award \$767,201 contract to Environmental Construction, Inc. to install valves at the Lakeview Pipeline/Inland Feeder Intertie.

Board Letter and Attachments

- 7-2 Adopt CEQA determination and award \$280,238 contract to PK Construction for erosion control improvements at Garvey Reservoir (Appropriation No. 15480). (E&O)

Recommendation:

Option #1:

Adopt CEQA determination that the proposed action has been previously addressed in the 2016 Notice of Exemption, and that no further environmental analysis or documentation is required, and Award \$280,238 contract to PK Construction for erosion control improvements at Garvey Reservoir.

Board Letter and Attachments

- 7-3 Adopt CEQA determination and authorize granting a permanent easement amendment for gas pipelines to Southern California Gas Company (SCGC) on Metropolitan-owned property located in the county of Los Angeles. (RP&AM)

Recommendation:

Option #1:

**Adopt CEQA determination that the proposed action is statutorily exempt and categorically exempt, and
Authorize the General Manager to grant a permanent easement to the Southern California Gas Company.**

Board Letter and Attachment

- 7-4 Adopt CEQA determination and enter into four long-term license agreements with the Southern California Edison Company and one long-term license agreement with Blythe Energy, Inc., for electrical transmission facilities on Metropolitan's fee-owned property in San Bernardino and Riverside Counties. (RP&AM)

Recommendation:

Option #1:

**Adopt CEQA determination that the proposed action is not defined as a project and is not subject to CEQA, and
Authorize Metropolitan to allow the Southern California Edison Company and Blythe Energy, Inc. land use and access rights to their facilities on Metropolitan fee-owned property via license agreements.**

Board Letter and Attachment

- 7-5 Adopt CEQA determination and authorize increase of \$100,000 to an amount not to exceed \$300,000 for contract with GeoPentech, Inc. for consulting services; and report on Nevada Environmental Response Trust Site (former Tronox Site) in Henderson, Nevada. (L&C)

Recommendation:

Option #1:

**Adopt the CEQA determination that the proposed action is not subject to the provisions of CEQA, and
Authorize amendment of the contract for consulting services with GeoPentech, Inc. for the In Re Tronox Incorporated, et al. matter to increase the maximum amount payable by \$100,000 to a maximum amount of \$300,000.**

Board Letter and Attachment

8. OTHER BOARD ITEMS — ACTION

- 8-1 Adopt CEQA determination and resolution establishing the tax rate for fiscal year 2017/18. (F&I) (To be mailed separately)
- 8-2 Adopt CEQA determination and appropriate \$3.3 million; award \$1,296,091 contract to PCL Construction, Inc. to replace an expansion joint on the Upper Feeder at the Santa Ana River Bridge; and authorize agreement with Rincon Consultants, Inc. in an amount not to exceed \$400,000 (Appropriation No. 15441). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action has been previously addressed in the adopted 2012 MND, MMRP, and subsequent addenda, and that no further environmental analysis or documentation is required, and

a - Appropriate \$3.3 million;

b - Award \$1,296,091 contract to PCL Construction, Inc. to replace an expansion joint on the Upper Feeder at the Santa Ana River Bridge; and

c - Authorize agreement with Rincon Consultants, Inc., in an amount not to exceed \$400,000, for environmental support.

Board Letter and Attachments

- 8-3 Adopt CEQA determination and appropriate \$4.9 million; and authorize: (1) final design of the initial stage of building improvements for Metropolitan's Headquarters Building; and (2) increase of \$2.3 million to an agreement with ABSG Consulting, Inc., for a new not-to-exceed total of \$7.6 million (Appropriation No. 15473). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that Adopt the CEQA determination that the proposed action is categorically exempt, and

a - Appropriate \$4.9 million;

b - Authorize final design of the initial stage of building-related improvements for Metropolitan's Headquarters Building; and

c - Authorize increase of \$2.3 million to an agreement with ABSG Consulting, Inc., for a new not-to-exceed total of \$7.6 million, for design of the improvements.

Board Letter and Attachments

- 8-4 Adopt CEQA determination and appropriate \$5.6 million; award \$3,097,927 contract to Stronghold Engineering, Inc. for electrical upgrades at the Henry J. Mills Water Treatment Plant; and

authorize increase of \$374,000 to an agreement with Lee & Ro, Inc., for a new not-to-exceed total of \$1,097,000 (Appropriation No. 15452). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action was previously addressed in the 2010 categorical exemptions and that no further environmental analysis or documentation is required, and

a - Appropriate \$5.6 million;

b - Award \$3,097,927 contract to Stronghold Engineering, Inc. for electrical upgrades at the Mills plant; and

c - Authorize increase of \$374,000 to an agreement with Lee & Ro, Inc., for a new not-to-exceed total of \$1,097,000, for technical support.

Board Letter and Attachments

- 8-5 Adopt CEQA determination and appropriate \$39.5 million; award \$19,362,000 construction contract to Kiewit Infrastructure West Co. to line a portion of the Second Lower Feeder; award \$2,375,513 procurement contract to Southwest Valve and Equipment, Inc. for plug valves; and authorize: (1) agreement with Pure Technologies US, Inc. for electromagnetic pipeline inspections; (2) agreement with GeoPentech, Inc. for geotechnical support; (3) agreement with Helix Environmental Planning, Inc. for environmental support; (4) lease agreement with Hooman Enterprises, Inc.; and (5) lease agreement with Sares-Regis Group (Appropriation Nos. 15471 and 15497). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that Adopt the CEQA determination certifying Addendum No. 1 to the Final PEIR, and

a - Appropriate \$39.5 million;

b - Award \$19,362,000 construction contract to Kiewit Infrastructure West Co. to line a portion of the Second Lower Feeder;

c - Award \$2,375,513 procurement contract to Southwest Valve and Equipment, Inc. for plug valves;

d - Authorize agreement with Pure Technologies US, Inc., in an amount not to exceed \$4.2 million, to perform electromagnetic pipeline inspections;

e - Authorize agreement with GeoPentech, Inc., in an amount not to exceed \$1.09 million, for geotechnical support;

f - Authorize agreement with Helix Environmental Planning, Inc., in an amount not to exceed \$1.95 million, for environmental support;

g - Authorize lease agreement with Hooman Enterprises, Inc., in an amount not to exceed \$2,197,000, for property to be used as a construction storage area; and

h - Authorize lease agreement with Sares-Regis Group, in an amount not to exceed \$690,000, for property to be used as a construction storage area.

Board Letter and Attachments

- 8-6 Adopt CEQA determination and authorize a five-year reimbursable agreement with the California Department of Water Resources to provide services for State Water Project operations and maintenance activities for an amount not to exceed \$25 million (including expenditures for subcontracts not to exceed \$1.5 million per year). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt, and
a - Authorize a five-year reimbursable agreement with DWR to provide services for SWP operations and maintenance activities for an amount not to exceed \$25 million;
b - Entering into subcontracts greater than \$250,000 to complete work under the agreement; and
c - Entering into subcontracts as needed, not to exceed \$1.5 million annually under the agreement.

Board Letter and Attachments

- 8-7 Adopt CEQA determination and authorize transmission and facility interconnection agreements with Southern California Edison for the Colorado River Aqueduct electric system. (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is not defined as a project, and
Authorize the General Manager to execute the Transmission Interconnection Agreement and the five Interconnected Facilities Agreements with Southern California Edison.

8-7 Board Letter and Attachment

- 8-8 Adopt CEQA determination and adopt Legislative Policy Principles on Stormwater Capture. (C&L)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is not defined as a project and is not subject to CEQA, and
Adopt the Legislative Policy Principles on Stormwater Capture.

Board Letter

- 8-9

Adopt CEQA determination and express opposition unless amended to HR 23 (Valadao, R-CA): Gaining Responsibility on Water Act of 2017. (C&L) (To be mailed separately)

8-10 Adopt CEQA determination and express opposition, unless amended, to SB 623 (Monning, D-Carmel): Water Quality: Safe and Affordable Drinking Water Fund. (C&L) (To be mailed separately)

8-11 Adopt CEQA determination and express opposition, unless amended, to SB 49 (De León, D-Los Angeles; Stern, D-Calabasas): California Environmental, Public Health, and Workers Defense Act of 2017. (C&L) (To be mailed separately)

9. BOARD INFORMATION ITEMS

9-1 Board Report on Conservation Program

10. FOLLOW-UP ITEMS

11. FUTURE AGENDA ITEMS

12. ADJOURNMENT

NOTE: At the discretion of the committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the committee.

This committee reviews items and makes a recommendation for final action to the full Board of Directors. Final action will be taken by the Board of Directors. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <http://www.mwdh2o.com>.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

**AGENCY
REPRESENTATIVES'
REPORTS**

4D

**CHINO BASIN WATERMASTER
WATERMASTER BOARD MEETING**

11:00 a.m. – July 27, 2017

WITH

Mr. James Curatalo – Chair

Mr. Robert DiPrimio – Vice-Chair

At The Offices Of

Chino Basin Watermaster

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

AGENDA

CALL TO ORDER

PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS

AGENDA - ADDITIONS/REORDER

I. CONSENT CALENDAR

Note: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.

A. MINUTES

1. Minutes of the Watermaster Board Meeting held June 22, 2017

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of May 2017
2. Watermaster VISA Check Detail for the month of May 2017
3. Combining Schedule for the Period July 1, 2016 through May 31, 2017
4. Treasurer's Report of Financial Affairs for the Period May 1, 2017 through May 31, 2017
5. Budget vs. Actual Report for the Period July 1, 2016 through May 31, 2017

C. 9W HALO WESTERN OPCO L.P. OVERLYING (NON-AGRICULTURAL) POOL INTERVENTION REQUEST

Approve the filing of request for Intervention.

II. BUSINESS ITEMS

A. WATER TRANSACTIONS

Approve the proposed transactions:

1. The purchase of 180,000 acre-feet of water from the San Antonio Water Company by Monte Vista Water District. This purchase is made from San Antonio Water Company's Annual Production Right / Operating Safe Yield first, then any additional from Local Supplemental Storage. Monte Vista Water District is utilizing this transaction to produce its San Antonio Water Company shares. Date of application: May 22, 2017

2. The purchase of 162,000 acre-feet of water from the San Antonio Water Company by the City of Ontario. This purchase is made from San Antonio Water Company's Annual Production Right / Operating Safe Yield first, then any additional from Local Supplemental Storage. The City of Ontario is utilizing this transaction to produce its San Antonio Water Company shares. Date of application: May 22, 2017
3. The purchase of 558,000 acre-feet of water from the San Antonio Water Company by the City of Upland. This purchase is made from San Antonio Water Company's Annual Production Right / Operating Safe Yield first, then any additional from Local Supplemental Storage. The City of Upland is utilizing this transaction to produce its San Antonio Water Company shares. Date of application: May 22, 2017

B. 2016 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE
Receive and file.

C. DESALTER REPLENISHMENT ASSESSMENTS FOR PRODUCTION YEAR 2013/14 (BASED ON ASSESSMENT PACKAGE FOR PRODUCTION YEAR 2013/14)
Return to Advisory Committee for further deliberation.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. Notices of Appeal from April 28, 2017 Order
2. Rules and Regulations Update

B. ENGINEER REPORT

1. Prado Basin Tour
2. Ground-Level Monitoring Committee Revised Annual Report Schedule
3. 2016 State of the Basin Report
4. Storage Management Workshop
5. Evaporative Losses

C. CFO REPORT

1. Exhibit "G" Transactions
2. Appropriative Pool Legal Expense Budget

D. GM REPORT

1. Storage
2. SGMA Update
3. DYY Program Update
4. Other

IV. INFORMATION

1. Cash Disbursements for June 2017
2. Ground-Level Monitoring Status Report (Quarterly)
3. South Archibald and Chino Airport Plumes Status Report (Quarterly)
4. RMPU Status Report (Quarterly)
5. Santa Ana River Watershed Status Report (Quarterly)

V. BOARD MEMBER COMMENTS

VI. OTHER BUSINESS

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Pursuant to Article 2.6 of the Watermaster Rules & Regulations, a Confidential Session may be held during the Watermaster Board meeting for the purpose of discussion and possible action.

1. Notices of Appeal from April 28, 2017 Order

VIII. FUTURE MEETINGS AT WATERMASTER

7/27/17 Thu 11:00 a.m. Watermaster Board

8/22/17 Tue 9:00 a.m. Groundwater Recharge Coordinating Committee (Held at CBWCD)

NOTE: There will be no standing meetings held at Watermaster in August 2017.

All Watermaster meeting dates can be found on our website at the "View Schedules" button on the Home Page, and also accessible at this link: <http://www.cbwm.org/calendar.pdf>

ADJOURNMENT

**GENERAL
MANAGER'S
REPORT**

Date: August 16, 2017

To: The Honorable Board of Directors

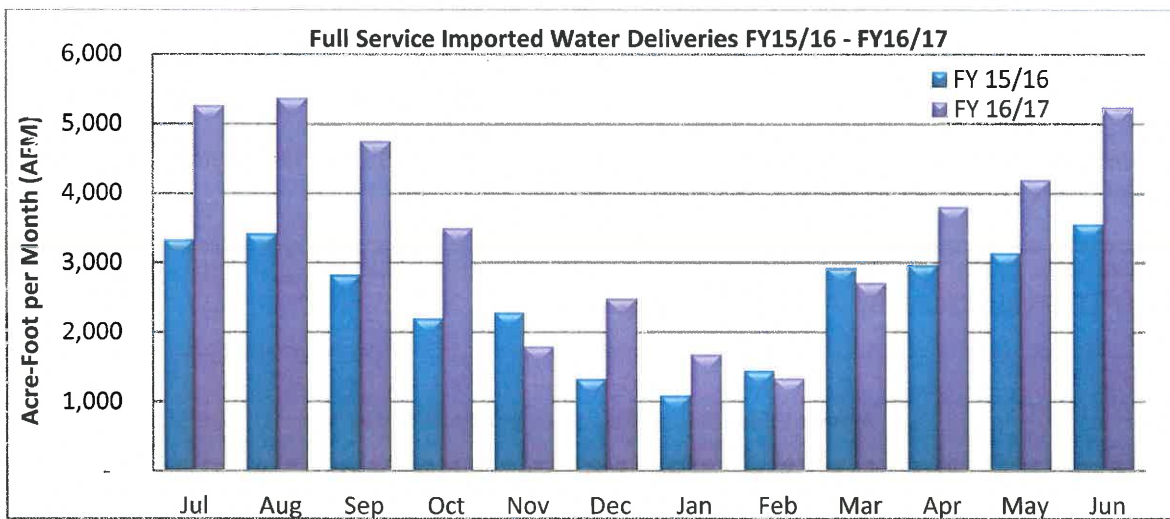
From: P. Joseph Grindstaff, General Manager

Subject: General Manager's Report Regarding Agency Activities

PLANNING & ENVIRONMENTAL RESOURCES

Imported Water

For FY 2016/17, the full service imported water deliveries for the month of June were higher compared to FY 2015/16.



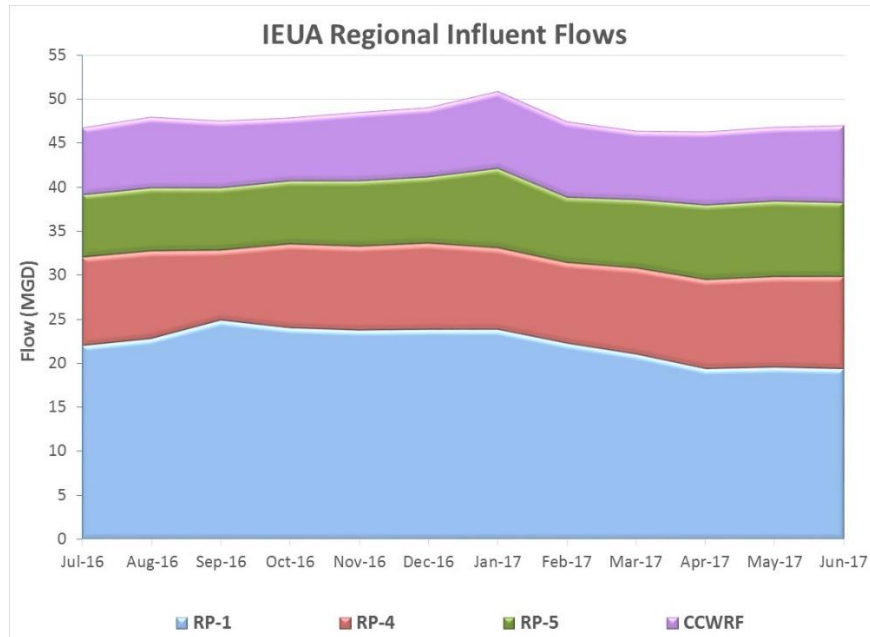
Wastewater

RP-1, RP-4, and CCWRF met all the NPDES requirements and effluent / recycled water limitations during the month of June 2017.

During June 2017, the effluent grab samples collected at M-003 on June 18 and June 22, 2017, resulted in two samples exceeding 23 MPN / 100 mL in a 30-day period. IEUA staff has concluded that the anomalous coliform values may have been caused by sample contamination from sampling equipment or during the sample collection. The sample pump and sample line was cleaned on June 19, 2017 following the first exceedance and another time on June 23, 2017, following the second exceedance.

1. The Agency-wide average wastewater influent flow for the month of June 2017 was 47.0 million gallons per day (mgd), which is a 0.1 mgd increase from the May 2017 total influent flow.

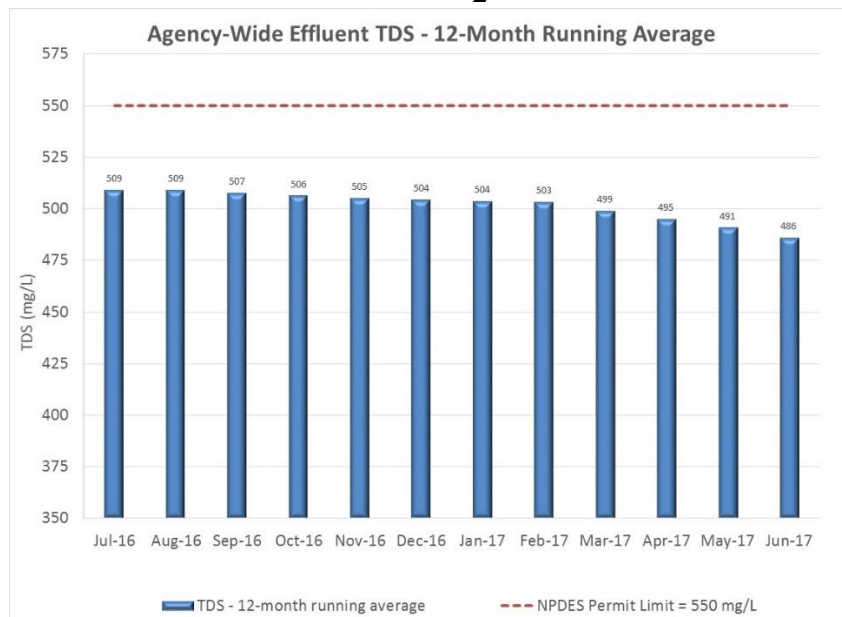
1



- The discharge permit effluent limit for total inorganic nitrogen (TIN) is 8 mg/L. The 12-month running average TIN value for June 2017 was 6.0 mg/L.

The discharge permit effluent limit for total dissolved solids (TDS) is 550 mg/L. The 12-month running average TDS value for June 2017 was 486 mg/L.

2



2

Air Quality

With regards to air quality compliance, there was one reportable incident during the month of July 2017. The biofilter blower system at the RP-5 Solids Handling Facility failed on July 13, 2017, due to a breakdown of the motor. The incident was promptly reported to AQMD and the system was repaired and returned to service by July 17, 2017.

INLAND EMPIRE REGIONAL COMPOSTING FACILITY UPDATE

Operational Comments

Facility throughput for July averaged approximately 80% of permitted capacity at an average of 370 tons per day of biosolids and 86 tons per day of amendments (based on a 31-day month). The facility is operating well with no violations or lost-time incidents.

Facility Biosolids Throughput

SOURCE	WET TONS MONTH	WET TONS YEAR TO DATE
LACSD	4,993.64	34,809.85
IEUA	5,422.39	40,411.14
OCSD	1,046.59	7,401.72
TOTAL	11,462.62	82,622.71

Compost Sales

Sales volumes and revenues were higher for July than for the same period last year due to increased demand from the landscape market segment. Sales are expected to remain steady at approximately 20,000 cubic yards per month until the fall planting season begins in October when they are expected to increase through the end of the year. Compost inventory in the storage facility is 16,970 cubic yards of finished material.

Monthly Sales Summary

CUBIC YARD	\$/CUBIC YARD	TOTAL REVENUE
21,518.61	\$1.47	\$31,737.00

Fiscal Year-To-Date Sales Summary

MONTH	TOTAL YARDS 2017/2018	TOTAL YARDS 2016/2017	TOTAL REVENUE 2017/2018	TOTAL REVENUE 2016/2017
July	21,518.61	14,898.82	\$31,737.00	\$27,554.05
August		13,973.73		\$32,185.36
September		28,277.42		\$25,161.07
October		33,118.70		\$30,402.44
November		36,746.25		\$26,452.12
December		27,866.97		\$26,088.79
January		7,965.39		\$11,934.94
February		14,371.47		\$20,070.21
March		22,580.72		\$36,895.88
April		14,887.63		\$36,561.10
May		19,121.35		\$39,387.11
June		17,893.20		\$38,379.99
TOTAL	21,518.61	251,701.65	\$31,737.00	\$351,073.06
AVERAGE	21,518.61	20,975.14	\$31,737.00	\$29,256.09

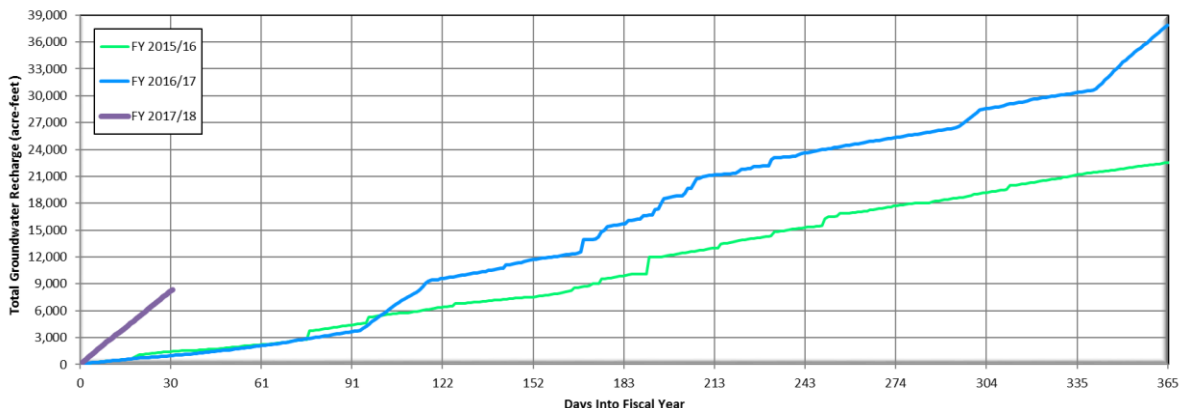
GROUNDWATER RECHARGE

Groundwater Recharge – July 2017 (preliminary)

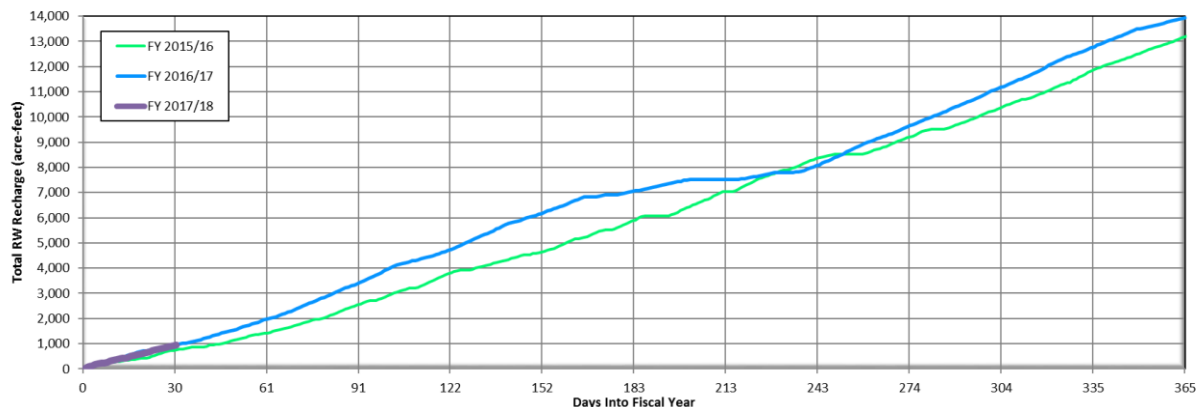
During July 2017, recycled water recharge totaled 945 acre-feet. There was 7,345.9 acre-feet of imported water recharge recharged for the MWD Dry Year Yield Program. Miscellaneous runoff captured, well pump discharges, and rain from one local thunderstorm captured in recharge basins totaled 67 acre-feet.

Monthly summaries of recharge by recharge site for the Chino Basin Groundwater Recharge Operations can be found at <http://www.ieua.org/category/reports/groundwater-recharge-reports>.

Total Groundwater Recharge – July 2017



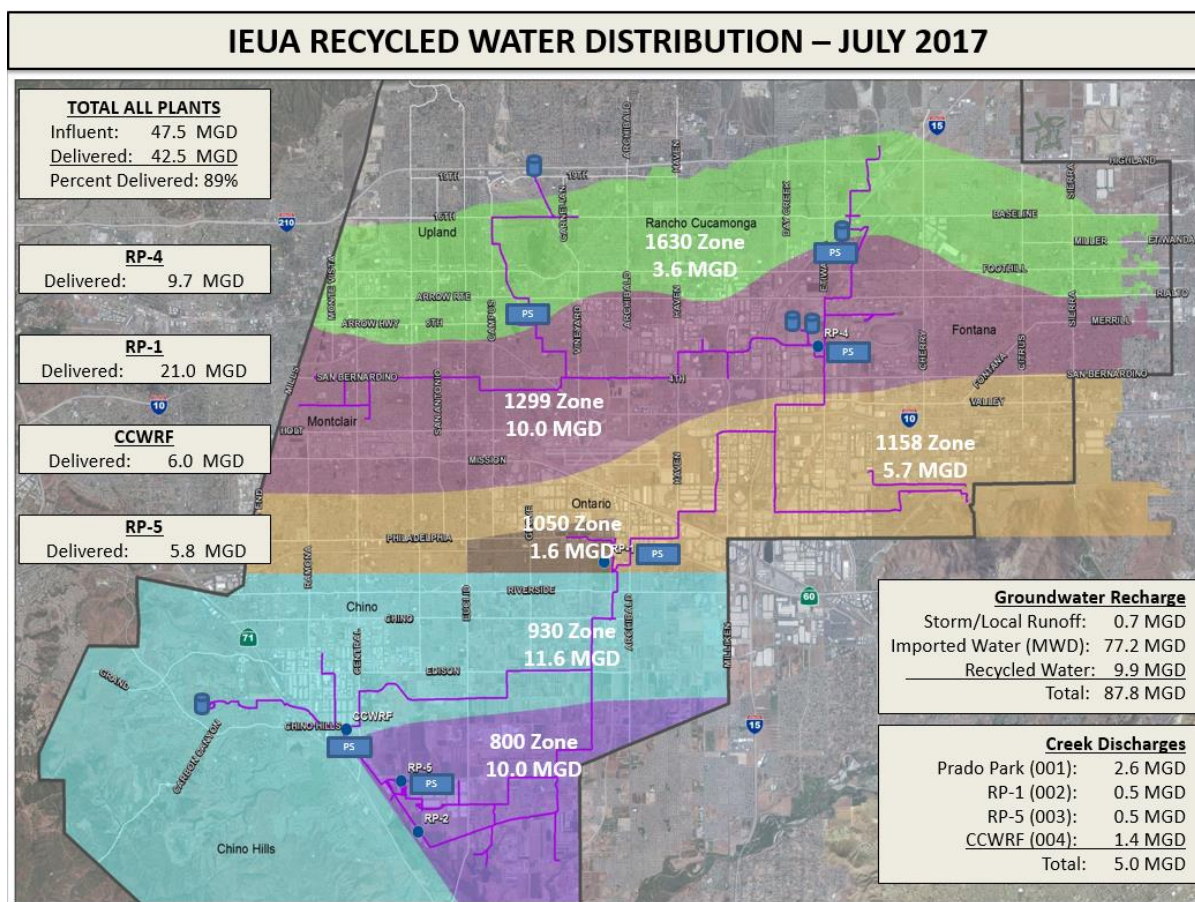
Recycled Water Delivered to Groundwater Recharge – July 2017



RECYCLED WATER

RW Distribution – July 2017 (Preliminary)

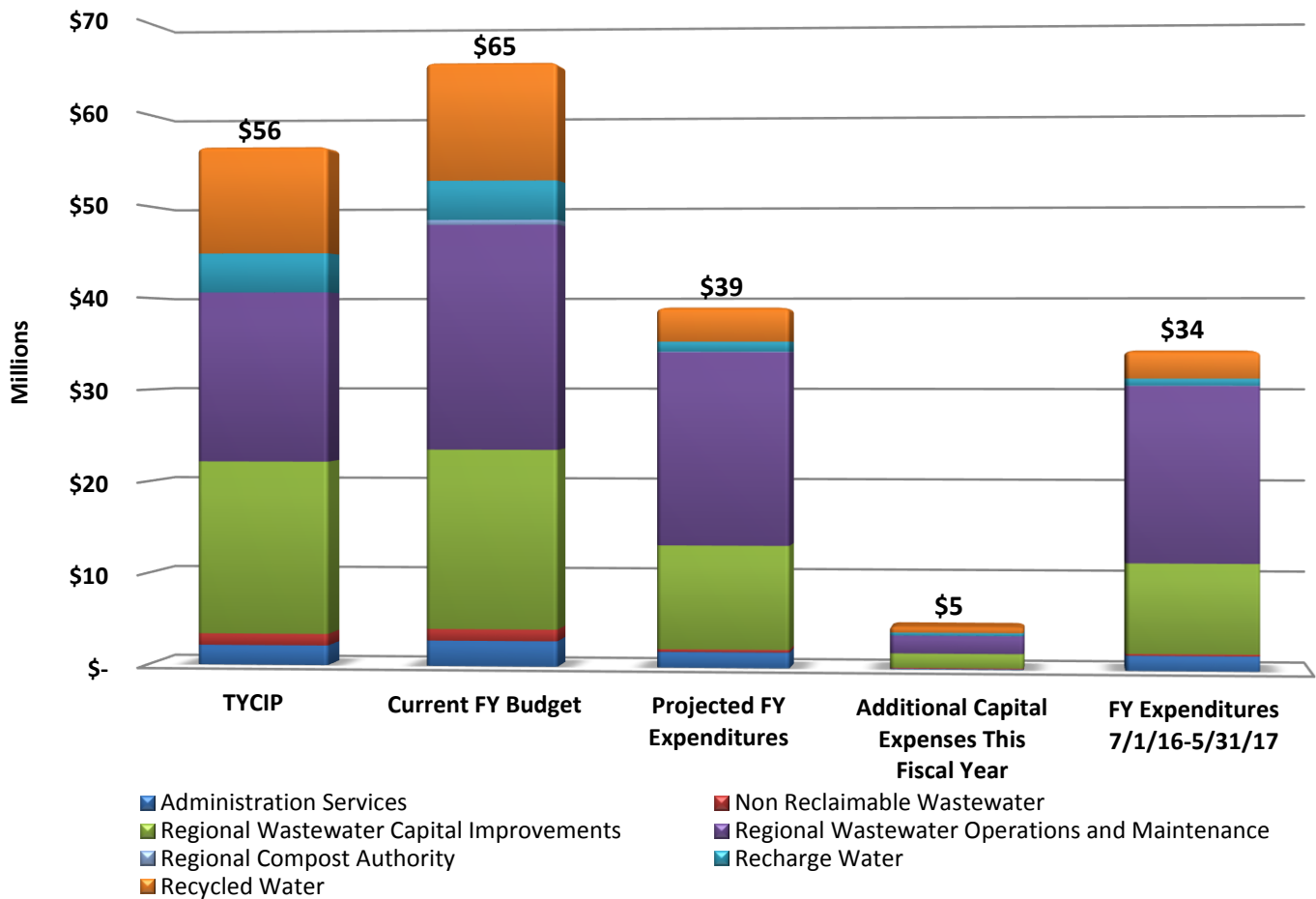
During July 2017, 89% (42.5 MGD) of IEUA recycled water supply (47.5 MGD) was delivered into the distribution system for both direct use customers (32.6 MGD) and groundwater recharge (9.9 MGD). Plant discharge to creeks feeding the Santa Ana River averaged 5.0 MGD.



ENGINEERING DESIGN & CONSTRUCTION

Engineering and Construction Management’s original TYCIP was \$56,460,563. The TYCIP was amended during FY 2016/17 to a current budget of \$65,508,967. As of June 1st, staff projected to spend \$38,893,806 in FY 2016/17 of which \$34,269,489 has been expended. The following graph summarizes the Engineering and Construction Management fiscal year budget status. Currently, 15 projects represent \$16,154,051 of the unspent fiscal year budget.

Engineering and Construction Management FY 2016/17 Budget Status Update



The accompanying attachments have detailed information for IEUA’s capital improvement program.

- Attachment A: Bid and Award Look Ahead Schedule
- Attachment B: Active Capital Improvement Project Status
- Attachment C: Emergency Projects

GRANTS UPDATE

Board Activities

Since the last General Manager’s report, the following items were processed through the IEUA Board Meeting:

- Adoption of Resolution No. 2017-8-1, authorizing IEUA to apply for funding and enter into a financial assistance agreement with the California Water Commission (CWC) for the 2017 Water Storage Investment Program; and authorizing the General Manager to execute the financial assistance agreement, any amendments, and any grant related documents thereto.

Grant/Loan Applications in Process:

- CWC: 2017 Water Storage Investment Program Grant
- SWRCB: SRF Loan Application for Chino Basin Water Master RMPU Planning and Construction Project
- SWRCB: SRF Loan Application for the RP-1/RP-5 Construction Project
- SWRCB: SRF Loan Application for Monte Vista Water District Recycled Water Project

Grant/Loan Agreement Negotiation:

Grants staff have been negotiating two Proposition 1 grant agreements, including:

- \$11.4M South Archibald Cleanup
- \$10M Stormwater Implementation

Grants staff have also been negotiating State Revolving Fund loan agreements for two of the following seven recycled water capital improvement projects, including:

- San Sevaine Basin Improvements
- Napa Lateral

It is anticipated that funding agreements will be received by the end of summer 2017.

#	Project Name	Total Project Cost	Green Project Reserve Grant	State Revolving Fund Loan
1	San Sevaine Basin Improvements	\$ 6,460,000	\$ 2,500,000	\$ 3,960,000
2	Napa Lateral	\$ 6,050,000	\$ 2,500,000	\$ 3,550,000
3	RP-1 1158 PS Upgrades	\$ 4,000,000	\$ 2,000,000	\$ 2,000,000
4	RP-5 RW Pipeline Bottleneck	\$ 2,755,000	\$ 1,377,500	\$ 1,377,500
5	Pressure Sustaining Valve Installation	\$ 850,000	\$ 425,000	\$ 425,000
6	RP-1 Parallel Outfall Pipeline	\$ 5,700,000	\$ 2,500,000	\$ 3,200,000
7	Baseline Extension (Village of Heritage)	\$ 5,417,417	\$ 2,500,000	\$ 2,917,417
	Total	\$ 31,232,417	\$ 13,802,500	17,429,917

Grant Reimbursements Processed and Reporting Activities:

The following is a status update on several existing contracts for various grants and loans:

- SAWPA/DWR – Regional Residential Landscape Retrofit Invoice #10 for \$15,831.15
- SWRCB – Central Area Wineville Recycled Water Project Invoice #8 for \$243,891 (\$34,745 for SRF Loan and \$209,146 for Prop 1 Grant).

Other Department Activities

In July, staff participated in the following additional activities:

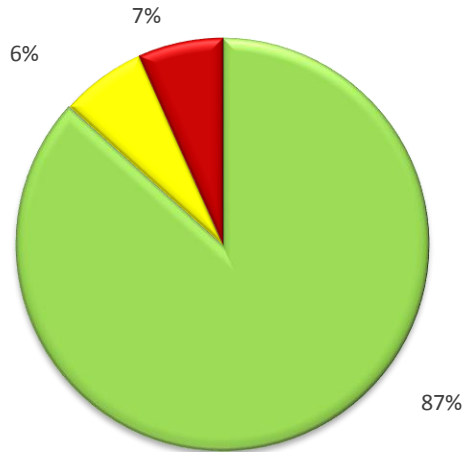
- *“Federal Grant Management Updates Webinar-2 CFR Part 200 Changes”* – presented by MyFedTrainer.com, this webinar gave an overview of the OMB Uniform Grant Guidance changes to the Procurement Standards for grant recipients buying goods and services with federal grant funding.
- *“Grant Strategic Plan”* – the department is continuing to work on the Grant Strategic Plan. A consultant has been contracted to assist with the technical writing, organization of information, and overall report format.

Attachment A
Bid and Award Look Ahead Schedule

Bid and Award Look Ahead Schedule			
	Project Name	Projected Bid Opening Date	Projected Bid Award Date
	Sep-17		
1	EN13001.00 San Sevaine Basin Improvements	5-Sep-17	20-Sep-17
	Oct-17		
2	EN17044.00 RP-1 Power Reliability Generator Control Upgrades	17-Aug-17	18-Oct-17
3	EN14019.00 RP-1 Headworks Primary and Secondary Upgrades	8-Sep-17	18-Oct-17
4	EP17003.00 RP-1 Training Room	11-Sep-17	18-Oct-17
5	EN14043.00 RP-5 RW Pipeline Bottleneck	13-Sep-17	18-Oct-17
	Nov-17		
6	EN17110.01 RP-4 Trident Filters Rehabilitation and Replacement	22-Sep-17	15-Nov-17
	Dec-17		
7	WR15021.00 Napa Lateral	24-Oct-17	20-Dec-17
8	PA17006.02 RP-5 Aeration Diffuser Panel Replacement 16/17	11-Oct-17	20-Dec-17
	Jan-18		
9	CP16003.00 Headquarters Roofing Replacement	5-Oct-17	17-Jan-18
10	EN17077.00 SBLS Emergency Diversion	11-Jan-18	17-Jan-18
11	EN13048.00 RP-1 Power System Upgrades	6-Dec-17	17-Jan-18
	Feb-18		
12	EN11039.00 RP-1 Disinfection Pump Improvements	18-Dec-17	21-Feb-18
	Mar-18		
13	EN17042.00 Digester 6 and 7 Roof Repairs	26-Jan-18	21-Mar-18
	Apr-18		
14	RW15004.00 Lower Day Basin RMPU Improvements	3-Apr-18	18-Apr-18
	Jun-18		
15	EN15012.00 RP-1 Primary Effluent Conveyance Improvements	22-Mar-18	20-Jun-18
	Jul-18		
16	EN18006.00 RP-1 Flare Improvements	24-May-18	18-Jul-18
	Sep-18		
17	EN17082.00 RP-1 Mechanical Restoration and Upgrades	28-Jun-18	19-Sep-18
18	EN14042.00 RP-1 1158 RWPS Upgrades	16-Jul-18	19-Sep-18
	Oct-18		
19	EN16021.00 TCE Plume Cleanup	5/31/2018	25-Oct-18

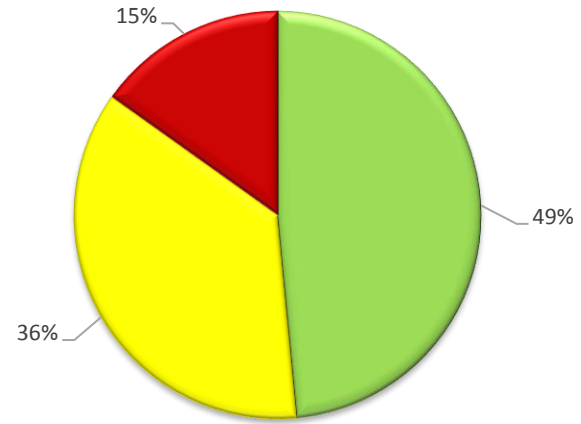
Attachment B
 Active Capital Improvement Project Status

Construction Schedule Performance



■ On-time ■ Recovery in Progress ■ Behind Schedule

Design Schedule Performance



■ On-time ■ Recovery in Progress ■ Behind Schedule

Agency-Wide							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
1	EN13016	SCADA Enterprise System (EN13016.02, 03, 04)	5,910,135	15,803,331	Recovery in Progress	Bid & Award	Design-Build proposals for RP-4 and RP-5 were received on May 31, 2017 from three prospective integrators. The project schedules proposed by all three showed shorter durations for both design and construction as compared to this baseline schedule. Additionally, the construction duration for the RP-1 SCADA migration is expected to be shorter than initially planned. The reduced durations are expected to bring the project should account for the current delays on the project.
2	EN16070	Agencywide Sewage Pumps Efficiencies Improvements Ph II (EN16070.01)	145,844	350,000	On-time	Construction	
3	EN17034	Agency wide Lighting Improvements - Phase 2	1,064,098	1,400,000	On-time	Construction	
4	EN17052	RP-1 and RP-4 Safety Improvements	181,385	949,000	On-time	Construction	
5	EN17053	Agencywide Recycled Water Pumps Overhaul Services Ph II (EN17053.01)	233,122	625,000	On-time	Construction	
Totals			7,534,585	19,127,331			

Carbon Canyon Wastewater Regional Facility (CCWRF)							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
6	EN17006	CCWRF Odor Control and Headworks Replacements	99,431	23,421,951	On-time	Pre-Design	
7	EN17072	CCWRF Airduct Modifications	16,733	50,000	Recovery in Progress	Design	The design we received from the consultant was not feasible. We are proceeding with an alternative in-house design and hence the delay. We will create a new baseline schedule accordingly
Totals			116,164	23,471,951			
Chino Desalter Authority (CDA)							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
8	EN16021	TCE Plume Cleanup	9,487,009	17,294,171	Recovery in Progress	Project Evaluation	There are currently issues concerning property acquisition that will affect the project timeline. It is possible that time can be made up in either the design or construction phases.
Totals			9,487,009	17,294,171			
Collections							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
9	EN17014	NRWS Manhole Upgrades - 16/17	87,645	350,000	On-time	Construction	
10	EN17015	Collection System Upgrades 16/17	29,925	500,000	On-time	Construction	
11	EN17050	Septic Conversion PDR	-	1,000,000	N/A	On-Hold	
12	EN22002	NRW East End Flowmeter Replacement	82,397	1,986,985	Recovery in Progress	Pre-Design	The PDR completion is behind schedule; however, long planning periods have been provided to allow for review by LACSD. The project team is discussing strategies of how to streamline design processes to align with LACSD review period to maintain the project schedule
Totals			199,968	3,836,985			
Headquarters							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
18	CP16003	Headquarters Roofing Replacement	103,877	1,395,822	Behind Schedule	Bid & Award	In order to avoid the 2017/2018 rain season the subject project bid solicitation will be delayed until July/August 2017 in order to avoid wet weather risk impacts to the project. Site construction activities will be scheduled to begin April 2018.
19	EN16049	Conference Rooms Audio Visual Upgrades	754,335	1,351,477	On-time	Construction	
Totals			858,212	2,747,299			

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Groundwater Recharge							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
13	EN13001	San Savaine Basin Improvements	755,350	6,460,001	Recovery in Progress	Bid & Award	The reason for the extended project schedule is to secure available State Revolving Funds before start of construction. Grant staff anticipates receiving the fund by August 2017, however efforts are being made to work with state officials to award sooner. In the meantime, the project will close bids in June and delay construction award to September 2017.
14	EN14047	GWR and RW SCADA Control Upgrades	553,625	932,000	Behind Schedule	Construction	Since the project modifies programming screens and controllers, it is critical that the contractor completes their work without impacting the Agency's ability to connect and control the basins remotely. The contractor has been facing constant delays due to loss of support staff. They have made a strong commitment to complete the scope as contracted but with the request of extending the contract date. Staff will continue to monitor progress and provide any support to minimize further delays.
15	EN17067	Declez Monitoring Well Project	55,578	360,000	On-time	Design	
16	RW15003	Recharge Master Plan Update Projects	1,308,889	7,490,500	On-time	Pre-Design	
17	RW15004	Lower Day Basin RMPU	271,576	4,008,000	On-time	Pre-Design	
Totals			2,945,018	19,250,501			
Recycled Water							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
20	EN15002	1158 Reservoir Site Cleanup	22,165	1,300,000	Recovery in Progress	Project Evaluation	The status of the RCRA closure and corrective action required is currently being investigated by SCE who will produce a summary report. After SCE's investigation there may be a reduction in scope before we award the consultant contract.
21	EN16034	RW Pressure Sustaining Valve Installation	29,585	850,000	Recovery in Progress	Project Evaluation	Due to the delayed notification of the Proposition 1 SRF award, the project baseline schedule is also delayed. The recovery plan is to revise the baseline schedule with an updated schedule dependent on the anticipated award date of the Proposition 1 grant which is currently in late 2017/early 2018.
22	EN17039	8th St. Basin RW Turnout Discharge Retrofit	44,750	275,000	On-time	Design	
23	EN17041	Orchard Recycled Water Turnout Improvements	1,369	125,000	On-time	Consultant Contract Award	
24	EN17046	1630 East Pump Station Upgrades	42,146	300,000	N/A	On-Hold	
25	EN17049	Baseline RWPL Extension	14,053	4,950,000	Recovery in Progress	Project Evaluation	Due to the delayed notification of the Proposition 1 SRF award, the project baseline schedule is also delayed. The recovery plan is to revise the baseline schedule with an updated schedule dependent on the anticipated award date of the Proposition 1 grant which is currently in late 2017/early 2018.
26	WR15021	Napa Lateral	106,039	6,050,000	Recovery in Progress	Pre-Design	Due to the delayed notification of the Proposition 1 SRF award, the anticipated project schedule is also delayed. The recovery plan is to revise the baseline schedule with an updated schedule dependent on the anticipated award date of the Proposition 1 grant which is currently in late 2017.
Totals			260,107	13,850,000			

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Regional Water Recycling Plant No. 1 (RP-1)							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
27	EN11039	TP-1 Disinfection Pump Improvements	314,846	5,700,367	Behind Schedule	Design	The project is currently slightly behind schedule as the 50% design was received late. Some of this delay is due to the delay in physically locating some utilities in the field. Based on when the work is scheduled to be completed, the Agency will delay bidding until January to facilitate bids outside of the Thanksgiving Christmas holiday period.
28	EN13048	RP-1 Power System Upgrades	411,406	1,599,000	Behind Schedule	Design	The additional days are needed to complete the design and construction of added scope items. These scope items were requested by O&M staff which includes replacing the existing 480V distribution panel, the 1200 amp breaker and the concrete pad for the 12kv transformer.
29	EN14019	RP-1 Headworks Gate Replacement	962,682	10,440,000	Behind Schedule	Design	The 100% design, submitted by RMC for this project, was rejected by the Agency as not complete. The Agency will not advertise this project for bid until the bid documents are acceptable. This project is 8 months behind the schedule and the time is lost. Recovery is not possible.
30	EN14042	RP-1 1158 RWPS Upgrades	155,393	4,000,000	On-time	Pre-Design	
31	EN15012	RP-1 East Primary Effluent Pipe Rehab	178,157	3,015,598	Recovery in Progress	Pre-Design	The consultant is about one month behind the schedule for delivery of the PDR. The consultant is confident that they can make up the time during the 50% design.
32	EN15013	RP-1 TWAS and Primary Effluent Piping Replacement 2014	219,506	624,228	On-time	Bid & Award	
33	EN16024	RP-1 Mixed Liquor Return Pumps	5,167,805	6,636,000	Recovery in Progress	Construction	The project is 60 days behind schedule. 30 days are due to the Pioneer (Supplier of the Power Center's) being unresponsive. The additional 30 days are due to the contractor gaining experience from the construction of the first train (train no. 2). The contractor is currently in the educational phase of construction of the train no.2, so they can become more efficient for the other trains. For that reason, the contractor will try to catch up to the schedule. Additionally, after completion of upgrades of four trains, operations may allow the contractor to remove two remaining trains out of service for construction and this will save us some time.
34	EN17040	RP-1 Aeration Basin Panel Repairs	143,344	1,346,269	On-time	Construction	
35	EN17042	Digester 6 and 7 Roof Repairs	55,707	3,800,000	Recovery in Progress	Consultant Contract Award	The addition of Digester No. 1 cleaning to the scope pushed out the start of Digester 6 or 7 cleaning. The lost time will be recovered during subsequent phases.
36	EN17044	RP-1 Power Reliability Building Controls Upgrades	132,753	1,500,000	On-time	Pre-Design	
37	EN17047	RP-1 Dewatering Silo/Conveyor Safety Improvement Repairs	22,368	231,000	On-time	Construction	
38	EN17048	RP-1 Dewatering Vertical Conveyor Repairs	27,968	375,000	On-time	Construction	
39	EN17059	RP-1 Iron Sponges Installation	93,229	600,000	On-time	Pre-Design	
40	EN17077	SBLS Emergency Diversion	8,253	525,000	On-time	Project Evaluation	
41	EN17080	System Cathodic Protection Improvements	7,760	3,510,000	On-time	Project Evaluation	
42	EN17082	RP-1 Mechanical Restoration and Upgrades	14,384	1,515,000	On-time	Project Evaluation	
43	EN18006	RP-1 Flare Improvements	192,081	5,380,000	Recovery in Progress	Pre-Design	The project is slightly behind schedule due to extensive effort applied during the Predesign phase searching of flare manufacturers who can meet the strict regulatory requirements set forth by South Coast Air Quality Management District. Schedule delay will be recovered during the detailed design phase.
44	EP17003	RP-1 Training Room	29,955	425,000	Behind Schedule	Design	The initial project schedule did not include permitting through the City of Ontario. It was decided by the PMO to pursue a building permit with the City of Ontario. The original estimate was four weeks and has now extended to six weeks which pushed the Board award date from June 2017 to August 2017. After receiving the comments from the City of Ontario, the project plans must now be unexpectedly resubmitted for a second review by the City of Ontario. This will push the Board award date from August 2017 to September 2017. Project schedule will be revised at the Bid and Award phase once the city of Ontario has approved the 100% design.
Totals			8,137,595	51,222,462			

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Regional Water Recycling Plant No. 2 (RP-2)							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
45	EN17065	Microturbine Design-Build	55,002	2,210,000	N/A	Cancelled	
Totals			55,002	2,210,000			
Regional Water Recycling Plant No. 4 (RP-4)							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
46	EN14018	RP-4 Disinfection System Retrofit	1,124,058	2,678,042	On-time	Construction	
47	EN17043	RP4 Primary Clarifier Rehab	52,047	6,560,900	On-time	Project Evaluation	
48	EN17110	RP-4 Process Improvements	98,504	17,521,763	On-time	Project Evaluation	
Totals			1,274,608	26,760,705			
Regional Water Recycling Plant No. 5 (RP-5)							
No.	Project ID	Project Title	Total Expenditures thru 6/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
49	EN11031	RP-5 Flow Equalization and Effluent Monitoring	1,265,808	3,397,200	On-time	Construction	
50	EN14043	RP-5 RW Pipeline Bottleneck	281,163	2,756,637	On-time	Design	
51	EN15008	Water Quality Laboratory	9,430,176	24,645,000	On-time	Construction	
Totals			10,977,147	30,798,837			

Overall Totals 41,845,414 210,570,242

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Attachment C

July 2017 Emergency Projects						
Contractor	Task Order Description	Details of the Circumstances/Cause of Emergency	Scope of Repair	Location	Date of Award	Not-to-Exceed /Estimate
W.A. Rasic Construction	Prologis RW Leak	IEUA RW Operations received a complaint from a private company of a water leak in the parking area of their facility. Operations staff investigated the location and determined the leak was most likely coming from an IEUA RW pipeline.	<ol style="list-style-type: none"> 1 - Mobilization 2 – Removal and replacement of existing asphalt 3 – Excavation with shoring as required 4- Dewatering pump(s), hoses after pipeline has been isolated and drained by IEUA operations 5- Assess and Repair of buried recycled water pipeline 6- Backfill, compaction and pavement replacement in kind 7- Testing of pipeline repair 8 - Demobilization 	RW	7/19/2017	29,500
W.A. Rasic Construction	Replace a manhole ring at 7400 block of Kimball Ave	IEUA received complaint from City of Chino in regards to damage to private citizens vehicles as a result of a dislodged manhole cover in the 7400 block of Kimball Avenue in the City of Chino.	<ol style="list-style-type: none"> 1 - (Mobilization) Installation of traffic control devices per Watch Manual requirements, IEUA is working with City of Chino to secure the necessary permits. 2 – Removal and replacement of existing asphalt 3 - Installation of new frame and cover (if required) 4 - Backfill, compaction and pavement replacement per City of Chino requirements 5 - (Demobilization) Removal of traffic control devices 	Agency-Wide	7/17/2017	8,500
W.A. Rasic Construction	Sink Hole over the 30" Montclair Int. Sewer	Circumstances of the emergency stem from a phone call to IEAU from the County of San Bernardino requesting a street repair on a sink hole over the top of our 30" Montclair Interceptor Sewer on Grand Ave. in Pomona	<ul style="list-style-type: none"> • Set traffic control • Sawcut the affected pavement area • Excavate failing soils over the sewer and evaluate the subsurface issues • Replace loose soil with crushed aggregate base, compacted to 95% • Replace pavement in kind, and in accordance with SB County standards • Clean and demobilize the street 	Agency-Wide	7/31/2017	18,500
Total						56,500

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FY16/17 Emergency Projects									
	Project ID	Contractor	Task Order Description (Details of Circumstance and Cause of the Emergency)	Location	TO #	Original Not-to-Exceed /Estimate	Actual Cost thru 5/31	Date of Award	Status
CDA									
1	CDA000000012	W.A. Rasic Construction	Raw Water Line Repair	CDA	TO-035	8,000	156	7/18/2016	Complete
Collection									
2	EN17018.01	W.A. Rasic Construction	Grove Ave. Manhole Repair	COLL	TO-036	5,618	8,875	8/11/2016	Closed
3	EN17018.09	W.A. Rasic Construction	Montclair Int MH Repair near Philadelphia & Baker	COLL	TO-053	9,900	380	6/27/2017	Closed
CCWRF									
4	EN17019.09	Ferreira Construction	Primary Clarifier Light Fixture Removal	CCWRF	TO-018	3,700	3,886	2/9/2017	Closed
5	EN17019.10	W.A. Rasic Construction	Carbon Canyon WRF Chlorine Line Leak Repair	CCWRF	TO-046	5,000	4,060	5/2/2017	Complete
6	EN17018.08	W.A. Rasic Construction	CCWRF Underground Chlorine Pipe Leak	CCWRF	TO-051	6,500	1,540	6/13/2017	Active
RP-1									
7	EN17017.01	Ferreira Construction	RP-1 Flow Meter Replacement	RP-1	TO-09	60,000	64,791	7/26/2016	Closed
8	EN17019.05	W.A. Rasic Construction	DAFT Sludge Line Repair	RP-1	TO-041	35,000	16,979	12/21/2016	Closed
9	EN17019.07	David T. Wasden	RP-1 Hyperchlorite Leak Repair	RP-1	TO-04	3,500	11,253	3/3/2017	Closed
10	EN17019.08	Trautwein	RP-1 12" Hot Water Loop Leak/Repair	RP-1	TO-04	9,495	31,348	3/22/2017	Complete
11	EN0000000023	Johnson Power	Backup Generator Rental	RP-1	-	34,193	22,144	3/6/2017	Complete
RP-2									
12	EN17019.01	W.A. Rasic Construction	RP-2 Underground Pipe Leak	RP-2	TO-037	5,500	8,944	9/12/2016	Closed
RP-4									
13	EN17019.03	W.A. Rasic Construction	RP-4 Raw Screening Area	RP-4	TO-039	12,500	12,400	11/9/2016	Complete
14	EN17019.06	W.A. Rasic Construction	RP-4 Raw Screening Area	RP-4	TO-042	35,000	15,074	2/16/2017	Closed
15	EN17019.11	Ferreira Construction	RP-4 Biofilter Sump Pump Leak	RP-4	TO-021	8,500	1,426	6/27/2017	Active
RP-5									
16	EN17019.02	Ferreira Construction	RP-5 Repair an existing SS Pump Guide Rail	RP-5	TO-010	25,000	24,181	9/15/2016	Closed
17	EN17017.05	W.A. Rasic Construction	RP-5 Recycled Water Line	RP-5	TO-052	38,000	2,084	6/21/2017	Active

FY16/17 Emergency Projects (cont.)									
	Project ID	Contractor	Task Order Description (Details of Circumstance and Cause of the Emergency)	Location	TO #	Original Not-to-Exceed /Estimate	Actual Cost thru 5/31	Date of Award	Status
Agency-Wide									
18	EN17016.01	W.A. Rasic Construction	Monte Vista Ave ARVA Repair	Agency-wide	TO-040	10,000	7,691	11/10/2016	Closed
19	EN17017.02	Ferreira Construction	Street Subsidence and Blow off repair	Agency-Wide	TO-011	21,902	18,193	10/18/2016	Closed
20	EN17017.03	Ferreira Construction	Valve Shear Pine Replacement on a Buried RW Line	Agency-Wide	TO-012	6,209	7,882	10/19/2016	Closed
21	EN17017.04	Ferreira Construction	Edison Ave. RW AV & Blowoff Repair	Agency-Wide	TO-020	25,000	80	5/26/2017	Complete
22	EN17019.04	Ferreira Construction	6" DAFT Sludge Line Tapping Sleeve Repair	Agency-Wide	TO-014	3,658	8,094	11/28/2016	Closed
23	EN17018.02	W.A. Rasic Construction	Mission Blvd Sink Hole (Ontario)	Agency-Wide	TO-043	50,000	59,081	2/24/2017	Complete
24	EN17016.02	David T. Wasden	Mission Ave. Sewer Collapse and Repair	Agency-Wide	TO-05	18,088	18,086	3/21/2017	Closed
25	EN17018.03	Ferreira Construction	Westside Interceptor Relief Sewer- Backfill/Subgrade Investigation	Agency-Wide	TO-17	7,226	19,156	3/22/2017	Closed
26	EN17018.04	W.A. Rasic Construction	Sink Hole Over the Westside Interceptor Sewer	Agency-Wide	TO-044	9,350	10,300	4/7/2017	Complete
27	EN17018.05	W.A. Rasic Construction	Marlay Ave. Drop MH Repair	Agency-Wide	TO-045	5,000	15,035	4/20/2017	Complete
28	EN17018.06	Trautwein Construction	Sinkhole over 72" Cucamonga Interceptor Sewer in Ontario	Agency-Wide	TO-005	20,000	15,116	5/22/2017	Complete
29	EN17018.07	W.A. Rasic Construction	Sinkhole over 33" Westside Interceptor Schaefer Avenue	Agency-Wide	TO-049	22,000	614	5/24/2017	Active
					Totals	503,839	408,848		

FY17/18 Emergency Projects									
	Project ID	Contractor	Task Order Description (Details of Circumstance and Cause of the Emergency)	Location	TO #	Original Not-to-Exceed /Estimate	Actual Cost thru 5/31	Date of Award	Status
Recycled Water									
1	EN18017.01	W.A. Rasic Construction	Prologis RW Leak	RW	TO-055	29,500	0	7/19/2017	Active
Agencywide									
2	EN18019.01	W.A. Rasic Construction	Replace a manhole ring at 7400 block of Kimball Ave	Agency-Wide	TO-054	8,500	0	7/17/2019	Active
3	EN18019.02	W.A. Rasic Construction	Sink Hole over the 30" Montclair Int. Sewer	Agency-Wide	TO-056	18,500	0	7/31/2017	Active