



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

**WEDNESDAY, OCTOBER 18, 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.

1. PRESENTATIONS

- A. BIA – BALDY REVIEW CHAPTER PRESENTATION – Gordon Lee Nichols, Senior Government Affairs Director**

2. 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 August 2, 2017, and September 20, 2017 Board meetings.

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

Staff recommends that the Board approve the total disbursements for the month of August 2017, in the amount of \$19,180,948.43.

C. ADOPTION OF A RESOLUTION FOR A STATE DEPARTMENT OF PARKS AND RECREATION (DPR) OUTDOOR ENVIRONMENTAL EDUCATION FACILITIES GRANT PROGRAM *(Fin/Admin)*

Staff recommends that the Board:

1. Adopt Resolution No. 2017-10-1, authorizing IEUA to apply for and enter into a financial assistance agreement with the DPR for the Outdoor Environmental Education Facilities Grant Program; and
2. Authorize the General Manager or his designee to prepare the necessary data, conduct investigations, file such application, execute a funding agreement and any amendments thereto, and sign invoices with DPR.

D. RP-1 MECHANICAL RESTORATION AND IMPROVEMENTS CONSULTANT CONTRACT AWARD *(Eng/Ops/WR)*

Staff recommends that the Board:

1. Award a consultant contract for the RP-1 Mechanical Restoration and Improvements, Project No. EN17082, to Stantec Consulting Services Inc., for the not-to-exceed amount of \$459,024; and
2. Authorize the General Manager to execute the consultant contract subject to non-substantive changes.

3. ACTION ITEMS

A. AMENDMENT TO GENERAL MANAGER'S EMPLOYMENT AGREEMENT

Staff recommends that the Board approve the proposed Amendment to the General Manager Employment Agreement entered into between IEUA and Ms. Halla Razak.

B. RP-1 HEADWORKS UPGRADES PROJECT CONSTRUCTION CONTRACT AWARD (Eng/Ops/WR) (Fin/Admin)

Staff recommends that the Board:

1. Award a construction contract for RP-1 Headworks, Primary, and Secondary Upgrades, Project No. EN14019, to Myers & Sons Construction LP in the amount of \$5,690,000;
2. Approve a contract amendment to RMC Water and Environment for engineering services during construction for the not-to-exceed amount of \$510,558; and
3. Authorize the General Manager to execute the contract and contract amendment.

C. INSPECTION AND TESTING SERVICES MASTER CONTRACT AWARD (Eng/Ops/WR)

Staff recommends that the Board:

1. Approve a three-year master service contract for construction inspection and soils/material testing services on an "as needed" basis to RMA Group, for a not-to-exceed amount of \$1,000,000;
2. Approve a three-year master service contract for construction inspection and soils/material testing services on an "as needed" basis to CTE Inc., for the not-to-exceed amount of \$1,000,000;
3. Approve a three-year master service contract for coating inspection services on an "as needed" basis to CSI Services, for the not-to-exceed amount of \$300,000; and
4. Authorize the General Manager to execute the master service contracts.

4. INFORMATION ITEMS

A. POLICY PRINCIPLES ON WATER STORAGE AND PURCHASE OPPORTUNITIES (WRITTEN/POWERPOINT)

B. ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES (POWERPOINT)

C. MWD UPDATE (ORAL)

RECEIVE AND FILE INFORMATION ITEMS

D. TREASURER'S REPORT OF FINANCIAL AFFAIRS (WRITTEN/POWERPOINT)

E. FUNDING OF ESTIMATED WORKERS' COMPENSATION LIABILITIES (WRITTEN)

F. PUBLIC OUTREACH AND COMMUNICATION (WRITTEN)

G. LEGISLATIVE REPORT FROM INNOVATIVE FEDERAL STRATEGIES (WRITTEN)

H. LEGISLATIVE REPORT FROM WEST COAST ADVISORS (WRITTEN)

I. CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT (WRITTEN)

J. FEDERAL LEGISLATIVE TRACKING MATRIX (WRITTEN)

K. STATE LEGISLATIVE TRACKING MATRIX (WRITTEN)

L. 1ST QUARTER PLANNING & ENVIRONMENTAL RESOURCES UPDATE (POWERPOINT)

M. PLANNING & ENVIRONMENTAL RESOURCES ANNUAL REPORTS (10-YEAR GROWTH FORECAST, WATER USE, AND ENERGY) (WRITTEN/POWERPOINT)

5. **AGENCY REPRESENTATIVES' REPORTS**

A. SAWPA REPORT (WRITTEN)
Meeting Agenda not available at the time of printing.

B. MWD REPORT (WRITTEN)

C. REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT (WRITTEN)

D. CHINO BASIN WATERMASTER REPORT (WRITTEN)

6. **GENERAL MANAGER'S REPORT (WRITTEN)**

7. **BOARD OF DIRECTORS' REQUESTED FUTURE AGENDA ITEMS**

8. **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.

9. **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 54957.6 –
CONFERENCE WITH LABOR NEGOTIATIONS**

Meet and Confer Negotiations – All Bargaining Units

Negotiating Parties: General Manager P. Joseph Grindstaff

10. **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: 

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, October 12, 2017.


April Woodruff

**CONSENT
CALENDAR
ITEM**

2A



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

**WEDNESDAY, AUGUST 2, 2017
10:00 A.M.**

DIRECTORS PRESENT:

Steven J. Elie, President
Michael Camacho, Vice President
Jasmin A. Hall, Secretary/Treasurer
Paul Hofer

DIRECTORS ABSENT:

Kati Parker

STAFF PRESENT:

P. Joseph Grindstaff, General Manager
Christopher Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM
Randy Lee, Executive Manager of Operations/AGM
Christina Valencia, Executive Manager of Finance & Administration/AGM
Tina Cheng, Budget Officer
Javier Chagoyen-Lazaro, Manager of Finance and Accounting
Michael Dias, Assistant Engineer
Jason Gu, Manager of Grants
Sally Lee, Executive Assistant
Sylvie Lee, Manager of Planning & Environmental Resources
Alex Lopez, Senior Financial Analyst
Jeannette Smith, Financial Analyst I
Shaun Stone, Manager of Engineering
April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT:

Jonathan Ash, Citigroup
Director Ed Chavez, Upper San Gabriel Valley Municipal Water District
Jean Cihigoyenetche, 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 10:05 a.m. and Director Camacho led 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.

ACTION ITEMS

ADOPTION OF A RESOLUTION FOR A CWC 2017 WSIP GRANT

Manager of Grants Jason Gu stated that an official resolution is required to be adopted by the applicant's Board of Directors to apply for and enter into a financial assistance agreement, as mandated under the 2017 Water Storage Investment Program (WSIP). He said that the Chino Basin Water Storage and Recovery Project, with an estimated cost of \$460,000,000, would construct an advanced water treatment facility and distribution facilities that would store up to 15,000 acre-feet per year (AFY) of water in the Chino groundwater basin, which would be dedicated for environmental benefits within the Delta. He mentioned that the project would leverage a partnership with an existing State Water Project Contractor (SWPC), which would allow for locally stored groundwater to be traded with north of Delta water supply. Mr. Gu said that the locally stored water would be pumped to supplement the water supply for a SWPC and an equivalent amount would then be released by the corresponding SWPC north of the Delta. Mr. Gu said the proposed grant funding amount from California Water Commission (CWC) is about \$460,000,000 for the capital cost of the project. He further stated that this application will be submitted under the CWC grant funding category of conjunctive use, which can request up to 100% of capital costs. He noted that other project administrative costs, estimated to be about \$150,000, will be funded by the Agency's Planning and Environmental Resources Department budget.

Upon motion by President Camacho, seconded by Director Hofer, and unanimously carried:

M2017-8-1

MOVED, to:

1. Adopt Resolution No. 2017-8-1, authorizing IEUA to apply for funding and enter into a financial assistance agreement with the California Water Commission for the 2017 Water Storage Investment Program; and
2. Authorize the General Manager to execute the financial assistance agreement, any amendments, and any grant related documents thereto.

RESOLUTION 2017-7-4
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, AUTHORIZING THE INLAND EMPIRE UTILITIES AGENCY TO APPLY FOR AND ENTER INTO A FINANCIAL ASSISTANCE AGREEMENT UNDER THE 2017 WATER STORAGE INVESTMENT PROGRAM WITH THE CALIFORNIA WATER COMMISSION AND DESIGNATING A REPRESENTATIVE TO EXECUTE THE FINANCIAL ASSISTANCE AGREEMENT, AND ANY AMENDMENTS THERETO FOR THE CHINO BASIN WATER STORAGE RECOVERY PROGRAM
(for full text, see Resolution Book)

WORKSHOP

LONG RANGE PLAN OF FINANCE WORKSHOP

Executive Manager of Finance & Administration/AGM Christina Valencia presented an update to the Agency's Long-Range Plan of Finance (the Plan) stating that the Agency aims to have a long-term plan for various areas of the Agency. The adopted Ten-Year Capital Improvement Plan (TYCIP) that was approved by the Board in June has dramatically changed since the last time the Plan was updated in 2011. She explained that the situation was very different in 2011. At that time, the Agency had just undergone the great economic recession, no expansion or growth projections were foreseen for the next ten years, but the Agency was focused on maintaining, rehabilitating and repairing existing facilities. Currently, there are significant expansion projects and large rehabilitating projects for RP-1 facility. She stated that the purpose of the presentation given today is to give a preview of the baseline to build upon and to provide plans for different scenarios. She asked for the Board of Directors' input so that they can be addressed and implemented into the Plan.

General Manager Joe Grindstaff stated that the Plan will be brought back to the Board of Directors next spring and the new General Manager will have to be greatly engaged and involved as the Agency updates the Plan in the future. Ms. Valencia continued by stating that the Plan serves as a strategic tool for staff, the Board members, and management to look forward on a long-term basis. Staff is proposing to extend the scope from 10 years to 20 years to ensure the right funding sources are in place. Ms. Valencia stated that all the policies are based on the Agency's business goals especially those related to fiscal responsibility – funding & appropriations, budget planning, reserves, and creditworthiness. Some key policy decisions that provide the basis for everything the Agency does is to maintain rates that fully cover the operations and maintenance or replacement and rehabilitation costs. Another key policy is that growth pays for growth; the Agency has made sure that the fees are in place to support the upcoming expansions of the facilities. The existing rates have also been reviewed for imported water supplies, recycled water rates, and established a new water connection fee to support all our water distribution systems. The Agency will use these funds to continue its commitment to sustainable cost containment for operating and capital costs, executing long term planning initiatives such as supporting economic development, establishing a water storage bank, securing supplemental water supplies, reducing energy costs and achieving carbon neutrality, and fully funding retirement obligations.

Ms. Valencia gave an overview of the sources of the funds – operating revenues, non-operating revenues, and proposed debt. She also gave an outline of the uses of funds – operating expenses, debt service, and capital projects. She stated that the TYCIP will be updated in the fall, and when doing so staff will look more closely to the projects that are currently planned and prioritize them the best they can to make sure that critical needs are addressed. Some projects may be able to be postponed which can save on borrowing, and translate to better debt ratios, fund balances, and decreases in project management costs. The Agency has been doing a good job in paying down debt and new debt will come through in 2019/20. Staff will do everything possible to secure State Revolving Fund (SRF) loan financing with the lowest interest rate. However, based on a conservative approach, the Agency is assuming that all new debt for \$275 million is based on bonds set at a 5 percent rate. The Agency will work with the financial advisors in evaluating when to issue debt and the best combination.

Ms. Valencia gave an overview of the timeline and the impact on the fund balance. She also presented an outline of what could happen in the future and how the Agency has prepared for different scenarios. She listed some examples such as economic cycles, hydrologic cycles, legal issues, and succession planning. She stated that staff will try to have at least three scenarios, as they have done in the past. She finished her presentation with sources and uses of funds related to the Agency's key policy decisions. She stated that staff will be working on the TYCIP and it will be integrated into the Plan and it will be brought to the Board in March or April of next year before the Plan is published. She asked the Board if they had any questions or comments.

With no further business, President Elie adjourned the meeting at 10:44 a.m.

Jasmin A. Hall, Secretary/Treasurer

APPROVED: OCTOBER 18, 2017



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

**WEDNESDAY, SEPTEMBER 20, 2017
10:00 A.M.**

DIRECTORS PRESENT:

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

STAFF PRESENT:

P. Joseph Grindstaff, General Manager
Chris Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs and Policy Development/AGM
Randy Lee, Executive Manager of Operations/AGM
Christina Valencia, Executive Manager of Finance and Administration/AGM
Joshua Aguilar, Senior Engineer
Sharmeen Bhojani, Manager of Human Resources
Jerry Burke, Deputy Manager of Engineering
Douglas Gray, Electrical & Instrumentation Technician I
Warren Green, Manager of Contracts & Procurement
Jason Gu, Grants Officer
Branden Hodges, Pretreatment and Source Control Inspector II
Jeffrey Hyder, Electrical & Instrumentation Technician I
Joel Ignacio, Senior Engineer
Sally Lee, Executive Assistant
Sylvie Lee, Manager of Planning and Environmental Resources
Matthew Melendrez, Deputy Manager of Operations
James McShane, Electrical & Instrumentation Technician I
Cody Neal, Electrical & Instrumentation Technician I
Joshua Oelrich, Compost Facility Superintendent
Jason Pivovarov, Senior Engineer
Stephanie Riley, External Affairs Analyst
Shaun Stone, Manager of Engineering
Teresa Velarde, Manager of Internal Audit
April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT:

Joe Azucena, Repet, Inc.
Neal Beaty, Niagara Bottling, I and II
Jean Cihigoyenetché, JC Law Firm

George Dadiani, Repet, Inc.
Oscar Davilla, Amphastar Pharmaceutical
Steve Delaney, New-Indy Ontario
Anne Encarnacion, The Coca Cola Company
Gia Espinoza, Gerdau
Thomas Fletcher, Crothall Healthcare
Kanan Harakh, Frito-Lay
Steve Olsen, New-Indy Ontario
Sobranie Parti, Niagara Bottling, I and II
Bob Pasma, Parallel Products
Viet Pham, Mission Linen Supply
Bob Rae, NRG California
Sunil Ram, Nestle Waters North America
Jeanette Sanchez, Sierra Aluminum Company
Robert Schoonover, Cintas Corporation
Anne Wake, Innovative Federal Strategies
Jesse White, Gerdau
Leticia White, Innovative Federal Strategies
Steven Zamudio, Steelscape

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. Director Hofer led 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.

NEW HIRE INTRODUCTIONS

Executive Manager of Operations introduced the following new hires:

- James McShane, Electrical & Instrumentation Technician I, hired 7/24/17 (Randy Lee)
- Jeffrey Hyder, Electrical & Instrumentation Technician I, hired 7/24/17 (Randy Lee)
- Cody Neal, Electrical & Instrumentation Technician I, hired 7/24/17 (Randy Lee)
- Joshua Oelrich, Compost Facility Superintendent, hired 8/21/17 (Randy Lee)
- Douglas Gray, Warehouse Technician, hired 9/5/2017 (Randy Lee)

The Board of Directors welcomed James McShane, Jeffrey Hyder, Cody Neal, Joshua Oelrich, and Douglas Gray to the IEUA team.

PRESENTATIONS

INDUSTRY RECOGNITION FOR 100% COMPLIANCE WITH DISCHARGE REQUIREMENTS IN CALENDAR YEAR 2016

Executive Manager of Engineering/AGM Chris Berch stated that it has been several years since bringing this recognition forward. He stated that Source Control/Environmental Resources Supervisor Craig Proctor and his team work closely with these industries throughout the Agency's service area and their compliance is fundamental to the compliance of the Agency's wastewater treatment plants and outstanding recycled water quality. The industries being recognized today represent the best of our region and the work staff have been doing. Mr. Proctor stated that this presentation serves to recognize 26 industries for outstanding compliance for 2016. He gave a

brief history of the recognitions and the criteria for receiving recognition. He stated that 44 percent of the Agency's industries met the requirements. He handed out the certificates to the following industries: Cintas Corporation, the Coca Cola Company, Crothall Healthcare, Frito-Lay, Nestle Waters North America, New-Indy Ontario, Niagara Bottling I & II, NRG California, Regional Plant No. 1, Sierra Aluminum Company, Steelscape, Gerdau, Union Pacific Railroad, Mission Linen Supply, Repet, Amphastar Pharmaceutical, and Parallel Products. The following industries were unable to attend and were recognized: California Steel Industries, the City of Chino, TI Wire, Aquamar, O.W. Lee., Parco, and Wing Lee Farms.

INNOVATIVE FEDERAL STRATEGIES PRESENTATION

The Innovative Federal Strategies Principal Leticia White introduced Innovative Federal Strategies Associate Anne Wake to the Board of Directors. Ms. White stated that her other associate Jean Denton is back in Washington, D.C. She explained the role Innovative Federal Strategies plays with regards to the Agency and gave a Federal Legislative update. Ms. Wake also briefed the Board on updates on Federal Legislature.

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 Camacho, seconded by Director Hofer, and unanimously carried:

M2017-9-3

MOVED, to approve the Consent Calendar.

- A. Approved the minutes from the August 16, 2017, September 6, 2017 Board meetings, and September 12, 2017 Special Board meeting.
- B. Recommended that the Board approve the total disbursements for the month of July 2017, in the amount of \$14,614,778.95.
- C. The Board:
 1. Approve the Master Cost Sharing Agreement between IEUA and Chino Basin Watermaster;
 2. Approve Task Order No. 1 for the Basin Plan Amendment for a not-to-exceed total project cost of \$723,000, under the Master Cost Sharing Agreement; and
 3. Authorize the General Manager to execute the Master Cost Sharing Agreement and Task Order No. 1, subject to non-substantive changes.
- D. The Board:
 1. Award a construction contract for the San Sevaine Basin Monitoring Wells, Project No. EN13001, to Yellow Jacket Drilling in the amount of \$607,470; and
 2. Authorize the General Manager to execute the construction contract.

Continued....

M2017-9-3, continued.

E. The Board:

1. Award a construction contract for the CDA Chino I Desalter Structure Coating, Project No. DL37141, to Industrial Coating & Restoration in the amount of \$169,950.16; and
2. Authorize the General Manager to execute the construction contract.

(Director Camacho left the meeting room at 10:31 a.m.)

(Director Camacho re-entered the meeting room at 10:33 a.m.)

ACTION ITEM

BUDGET AMENDMENT FOR FISCAL YEAR 2016/17 CARRY FORWARD OF OPEN ENCUMBRANCES AND NON-ENCUMBERED COMMITMENT RELATED BUDGET

Manager of Finance & Accounting Javier Chagoyen-Lazaro stated that he is bringing forward a request to amend the FY 2017/18 budget in two components. The first component is in reference to the expenses side, the carry forward amount being approximately \$14 million of monies budgeted but not used in FY 2016/17. The second being in reference to the revenue side, associated with the expenses that is requesting to be carried forward. There are revenue streams related to grants related with projects that are needed to be expensed. Under Agency policy, all departments evaluate all unused monies at the end of the fiscal year and determine the amount needed carried over to the next fiscal year usually for ongoing projects. A key reason for these carry over amounts has to do with timing and execution of the many projects within the Agency. He explained the major categories of types of expenditures being asked to be carried over.

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

M2017-9-4

MOVED, to:

1. Approve the carry forward of open encumbrances and non-encumbered commitment related budgets from FY 2016/17 to FY 2017/18 and amend the budget in the amount of \$13,969,575; and
2. Approve amendments to the adopted FY 2017/18 budget for grant and reimbursement revenues in the amount of \$1,294,043.

CITY OF RIALTO COMPENSATION AGREEMENTS

Executive Manager of Finance and Administration/AGM Christina Valencia stated that the execution of compensation agreements between the City of Rialto, IEUA, and affected taxing entities releasing the property and sharing the proceeds is needed any time there is a transfer of property from the successor agency to the affected taxing entities. She stated that there are three compensation agreements regarding three properties – a public park, a fire station, and future development called “Area A”. For the public park and fire station, there are no sale proceeds and these properties are being transferred to the City of Rialto for governmental use. The compensation agreement will cover 12 acres of the 59 acre site of the third property, “Area A”. The land has been sold to Lewis Hillwood Rialto Company for \$1,252,000. Those proceeds will be distributed among all the taxing entities. She gave a brief history of the Redevelopment

Agencies (RDAs) in California. She stated that the share for IEUA, based on the sale price of this initial sale is approximately \$7,000. She stated that staff has been working closely with special counsel, Rutan & Tucker, LLP, and the Agency's general counsel, to review these agreements.

Upon motion by Director Parker, seconded by Director Camacho, with Director Hofer abstaining from voting, the motion carried (4-0):

M2017-9-5

MOVED, to:

1. Approve the Compensation Agreements, substantially in its final form, between the City of Rialto (City), IEUA, and other affected taxing entities for the transfer of property commonly known as "Area A" for future development (non-governmental use), and "Fire Station #205" and "Public Park" to be retained for governmental use; and
2. Authorize the General Manager or his designee, to execute the final Compensation Agreements subject to non-substantive changes.

SAN SEVAINE BASIN IMPROVEMENTS CONSTRUCTION CONTRACT AWARD

Manager of Engineering Shaun Stone stated this is the first of the Recharge Master Plan Update (RMPU) projects originally started in 2010 and revised in 2013. Mr. Stone gave an overview of the project location and scope. He stated that with the project, 600 additional acre feet of storm water and 4,100 AF of recycled water will be able to be recharged, and it will create an operations flexibility that will allow for water to be moved out of Basin 5. He stated that 17 general contractors were prequalified on February of this year, seven bids were received on July 13, 2017. Gwinco Construction & Engineering, Inc. was the lowest, responsive, responsible bidder with a bid of \$3,873,029. He ended with an overview of the project financials. Executive Manager of Engineering/AGM Chris Berch also stated that this item had gone to the Regional Sewerage Program Technical and Policy Committees and was unanimously approved. Mr. Stone added that little more than 60 percent of the project will be funded by grants. Mr. Berch stated that the remainder of the project will be funded by SRF loans. General Manager Joe Grindstaff stated that the SRF loans will be at a 1.8 percent interest rate.

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

M2017-9-6

MOVED, to:

1. Award a construction contract for the San Sevaime Basin Improvements, Project No. EN13001, to Gwinco Construction & Engineering, in the amount of \$3,873,029; and
2. Authorize the General Manager to execute the construction contract.

INFORMATION ITEMS

ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES

Manager of Engineering Shaun Stone gave a PowerPoint presentation on the Engineering and Construction Management project updates. He provided updates on the following projects: EN18006 – RP-1 Flare Improvements; EN14042 – RP-1 1158 RWPS Upgrades; EN15008 – Water Quality Laboratory; EN17041 – Orchard Recycled Water Turnout; and EN24001 – RP-1 Liquid Treatment Capacity Recovery.

OPERATIONS DIVISION UPDATE

Executive Manager of Operations/AGM Randy Lee gave an update on the Operations Division. He gave an overview of the ground water recharge records for the last fiscal year, sales at the Inland Empire Regional Composting Facility, recent hires and staffing statistics, maintenance skills training, operations by the numbers, and some challenges the Operations Division has faced in the recent months.

MWD UPDATE

Senior Engineer Jason Pivovarov gave an update on the water condition and sales at Metropolitan Water District of Southern California. He stated that the State Water Project allocations remains at 85 percent. The California Department of Water Resources will announce the new and initial allocations by the end of the calendar year. Last year, the allocation was initially set at 20 percent and ended at 85 percent. The snowpack has all melted and it has been a record breaking year for precipitation at about 185 inches of total rainfall. Statewide storage is at about 75 percent of capacity. To date, 20,740 AF has been delivered through the Dry-Year Yield Program. There is about three remaining months and the average delivery has been 6,000 to 7,000 AF. He stated that the main topic of discussion the past couple months has been the California WaterFix. MWD has released three technical papers highlighting proposed infrastructure, operations, and finance and cost allocations.

General Manager Joe Grindstaff stated that Governor Jerry Brown has asked all parties of the WaterFix to take a position by an unofficial deadline of October 15th. Discussion ensued about the California WaterFix.

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

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

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

INTERNAL AUDIT DEPARTMENT STATUS REPORT FOR SEPTEMBER 2017

CONTRACTS AND PROCUREMENT FOLLOW-UP AUDIT

PAYROLL OPERATIONS AUDIT

AGENCY REPRESENTATIVES' REPORTS

SAWPA REPORT

Director Hall reported that at the September 19, 2017 SAWPA meeting, staff was directed to issue a request for proposals for professional services to prepare a new Brine Line rate model. A public hearing was held and Ordinance No. 8 and Resolution 2017-11, establishing new local limits and best management practices for discharges to the brine line was adopted. A "support" position was taken to AB 574 (Quirk) related to direct potable reuse and staff was directed to send a letter of support to the Governor. She lastly reported that SAWPA had appointed Richard Haller as the New SAWPA General Manager.

MWD REPORT

Director Camacho had nothing additional to report.

REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT

Director Parker reported that the Regional Sewerage Program Policy Committee meeting was held on September 7, 2017. The San Sevaime Basin Improvement Construction Contract award was presented and approved by the Regional Sewerage Program Policy Committee. There were some informational items provided by staff, such as the Regional Contract update, the selection of the external facilitator to negotiate the Regional Contract for the Regional Sewerage Program Technical Committee, and a presentation of the IEUA's Long Range Plan for Finance. A commercial for the California WaterFix was shown at the meeting as well.

CHINO BASIN WATERMASTER REPORT

President Elie reported that all August meetings at the Chino Basin Watermaster were cancelled.

GENERAL MANAGER'S REPORT

General Manager Joe Grindstaff reported that he met with Ms. Halla Razak earlier in the week. He stated that he spoke to her about a succession plan to ensure a smooth transition period.

BOARD OF DIRECTORS' REQUESTED FUTURE AGENDA ITEMS

There were no Board requested future agenda items.

DIRECTORS' COMMENTS

Director Hall reported that she attended the CASA Annual Conference on August 22-24, 2017, the CASA Strategic Planning Retreat on September 10-12, 2017, and the Association of the San Bernardino Special Districts Dinner on September 18, 2017.

Director Camacho reported that he attended a Leadership Breakfast that IEUA, in partnership with Southern California Water Committee, put together on September 7, 2017. Assistant General Manager Roger Patterson from MWD gave a detailed presentation on the California WaterFix.

President Elie reported that he had attended and served as the master of ceremonies at the Leadership Breakfast on September 7, 2017, attended the garden ceremony at the Rolling Ridge Elementary School on September 7, 2017, and attended the WaterNow Alliance Steering Committee meeting on September 13-14, 2017.

CLOSED SESSION

The Board went into Closed Session at 11:45 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; 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

The meeting resumed at 12:13 p.m., and General Counsel Jean Cihigoyenetché 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

The Board did not discuss.

Regarding Conference with Legal Counsel – Existing Litigation:

Mwembu vs. IEUA, Case No. CIVDS 1415762

The Board took no reportable action.

Regarding Conference with Real Property Negotiator:

Supplemental Water Transfer/Purchase

The Board took no reportable action.

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

Two Cases

The Board took no reportable action.

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

The Board took no reportable action.

Pursuant to Government Code Section 54954.5 – Public Employment

General Manager

The Board took no reportable action.

With no further business, President Elie adjourned the meeting at 12:14 p.m.

Jasmin A. Hall, Secretary/Treasurer

APPROVED: OCTOBER 18, 2017

CONSENT
CALENDAR
ITEM

2B

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Finance & Administration

10/11/17

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

Subject: Report on General Disbursement

Executive Summary:

August disbursement activity includes vendor check payments of \$6,625,507.26 and worker's compensation check payments of \$3,909.47. The total amount of ACH payments was \$2,022,264.77. The total amount of wire transfer payments (excluding payroll) was \$9,088,326.74. The total pay for the Board of Directors was \$5,494.93. The total pay for employees was \$1,435,445.26

Staff's Recommendation:

1. Approve the total disbursements for the month of August 2017, in the amount of \$19,180,948.43.

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

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

Attachment 2 - Details of General Disbursements

Background

Subject: Report on General Disbursements

Attachment	Payment Type	Amount
1	Vendor Checks	\$6,625,507.26
2	Workers' Comp Checks	\$3,909.47
3	Vendor ACHs	\$2,022,264.77
4	Vendor Wires (excludes Payroll)	\$9,088,326.74
5	Payroll-Net Pay-Directors	\$5,494.93
6	Payroll-Net Pay-Employees	\$1,435,445.26
Total Disbursements		\$19,180,948.43

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

Vendor	Amount	Description
CalPERS	\$4,502,500.00	Retirement Unfunded Liability; GASB 68 Rpt
MWD	\$3,151,383.67	June 2017 Water Purchase
LACSD	\$1,433,905.14	16/17 4 th Qtr WstWtr Trmnt Surchg
SWRCB ACCOUNTING OFFICE	\$692,889.62	SRF Rpymt #7 C065176-110,120,130
PERS	\$650,860.39	8/17 Hlth Ins; P/R 16,17, DIR 008 PERS Cont
I R S	\$642,823.81	P/R 16, 17, Pyrl Taxes
W.A. RASIC	\$529,906.29	EN14018-RP4 Disinfection Facility Imp.; EN16047-HQ Parking Lot - Ret Rls; EN17018-Mission Blvd Sinkhole Emerg Rpr; EN17019-CCWRP Aeration Basin Air Line Valve Repl.; EN17059-RP1 Iron Sponge Install.- Ret Rls.

Attachment 1

Vendor Checks

Bank		CBB	CITIZENS BUSINESS BANK		ONTARIO CA 91761000	
Bank Key		122234149				
Acct number		CHECK	231167641			
Check						
Check number from to	Payment	Pamt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
220370	2200084710	08/01/2017	USD	549.52	SO CALIF EDISON ROSEMEAD CA	08/03/2017
220371	2200084753	08/03/2017	USD	8,402.16	ALLIED UNIVERSAL SECURITY SERV PASADENA CA	08/07/2017
220372	2200084766	08/03/2017	USD	239.14	AMERICAN HERITAGE LIFE INSURANCE DALLAS TX	08/11/2017
220373	2200084751	08/03/2017	USD	8,076.57	AMERICAN PRINTING & PROMOTION SEASTVALE CA	08/08/2017
220374	2200084726	08/03/2017	USD	3,805.46	APPLEONE EMPLOYMENT SERVICES GLENDALE CA	08/09/2017
220375	2200084790	08/03/2017	USD	68.18	ARAMBULA, BLANCA CHINO HILLS CA	08/21/2017
220376	2200084754	08/03/2017	USD	176.34	ASAP INDUSTRIAL SUPPLY FONTANA CA	08/09/2017
220377	2200084737	08/03/2017	USD	122.33	BOOT BARN INC IRVINE CA	08/11/2017
220378	2200084764	08/03/2017	USD	1,422.15	BURRTEC WASTE INDUSTRIES INC FONTANA CA	08/10/2017
220379	2200084756	08/03/2017	USD	500.00	CALAFCO SACRAMENTO CA	08/11/2017
220380	2200084755	08/03/2017	USD	17,907.49	CALIFORNIA WATER TECHNOLOGIES, PASADENA CA	08/08/2017
220381	2200084782	08/03/2017	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	08/08/2017
220382	2200084796	08/03/2017	USD	300.00	CARLTON, DWAYNE UPLAND CA	08/29/2017
220383	2200084732	08/03/2017	USD	9,491.23	CAROLLO ENGINEERS INC SALT LAKE CITY UT	08/10/2017
220384	2200084741	08/03/2017	USD	5,800.11	CASC ENGINEERING AND CONSULTING COLTON CA	08/08/2017
220385	2200084728	08/03/2017	USD	9,829.00	CHAMPION NEWSPAPERS CHINO CA	08/08/2017
220386	2200084750	08/03/2017	USD	2,457.48	CINTAS CORPORATION LOC#150 PHOENIX AZ	08/14/2017
220387	2200084780	08/03/2017	USD	415.00	CITY EMPLOYERS ASSOCIATES LONG BEACH CA	08/10/2017
220388	2200084727	08/03/2017	USD	213,176.78	CITY OF FONTANA FONTANA CA	08/09/2017
220389	2200084719	08/03/2017	USD	108.57	CITY RENTALS INC ONTARIO CA	08/09/2017
220390	2200084760	08/03/2017	USD	440.09	CUCAMONGA VALLEY WATER DISTRICT LOS ANGELES CA	08/10/2017
220391	2200084731	08/03/2017	USD	1,800.00	CUES ATLANTA GA	08/08/2017
220392	2200084722	08/03/2017	USD	1,912.50	DEPT OF TOXIC SUBSTANCES CONTRA SACRAMENTO CA	08/23/2017
220393	2200084794	08/03/2017	USD	650.00	DIAS, MICHAEL CHINO HILLS CA	08/21/2017
220394	2200084739	08/03/2017	USD	1,115.00	DUDEK & ASSOCIATES INC ENCINITAS CA	08/09/2017
220395	2200084757	08/03/2017	USD	3,898.20	DXP ENTERPRISES INC HOUSTON TX	08/09/2017
220396	2200084792	08/03/2017	USD	780.00	DYER, DANIEL CHINO HILLS CA	08/10/2017
220397	2200084720	08/03/2017	USD	7,757.38	FISHER SCIENTIFIC LOS ANGELES CA	08/07/2017
220398	2200084778	08/03/2017	USD	450.49	FRANCHISE TAX BOARD SACRAMENTO CA	08/10/2017
220399	2200084786	08/03/2017	USD	251.45	FRESQUEZ, ADRIAN CHINO HILLS CA	08/09/2017
220400	2200084765	08/03/2017	USD	2,899.16	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	08/10/2017
220401	2200084743	08/03/2017	USD	7,560.00	GOLDEN STATE LABOR COMPLIANCE PALMDALE CA	08/17/2017
220402	2200084724	08/03/2017	USD	150.00	GOVERNMENT FINANCE OFFICERS ASCHICAGO IL	08/08/2017
220403	2200084759	08/03/2017	USD	8,900.00	GP STRATEGIES CORPORATION ATLANTA GA	08/08/2017
220404	2200084723	08/03/2017	USD	4,355.47	GRAINGER PALATINE IL	08/08/2017
220405	2200084738	08/03/2017	USD	2,040.00	HCI ENVIRONMENTAL & ENGINEER INC CORONA CA	08/08/2017
220406	2200084763	08/03/2017	USD	77,968.35	INLAND BIOENERGY LLC FONTANA CA	08/14/2017
220407	2200084744	08/03/2017	USD	795.00	INLAND EMPIRE MAGAZINE RIVERSIDE CA	08/09/2017
220408	2200084771	08/03/2017	USD	66.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	08/08/2017
220409	2200084752	08/03/2017	USD	26,874.64	IT VIZION INC CORONA CA	08/08/2017
220410	2200084779	08/03/2017	USD	281.00	LEGALSHIELD ADA OK	08/10/2017
220411	2200084788	08/03/2017	USD	38.48	LETULLE, CHANDER CHINO HILLS CA	09/08/2017
220412	2200084776	08/03/2017	USD	14,639.73	LIFE INSURANCE COMPANY OF PHILADELPHIA PA	08/10/2017
220413	2200084795	08/03/2017	USD	14.34	MANTILLA, LAURA CHINO HILLS CA	08/14/2017

Bank	CBB	CITIZENS BUSINESS BANK	ONTARIO CA 917610000
Bank Key	122234149		
Acct number	CHECK	231167641	

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
220414	2200084783	08/03/2017	USD	288.00	MARIA PRESQUEZ N LAS VEGAS NV	08/15/2017
220415	2200084729	08/03/2017	USD	3,900.00	MBC APPLIED ENVIRONMENTAL SCIECOSTA MESA CA	08/09/2017
220416	2200084791	08/03/2017	USD	50.29	MYERS, ALAN CHINO HILLS CA	
220417	2200084740	08/03/2017	USD	645.46	NATIONAL BUSINESS INVESTIGATIONMURRIETA CA	08/08/2017
220418	2200084748	08/03/2017	USD	211.55	NATIONAL CONSTRUCTION RENTALS PACOIMA CA	08/08/2017
220419	2200084749	08/03/2017	USD	1,053.33	NEW RESOURCES GROUP INC FAIRFIELD CT	08/14/2017
220420	2200084784	08/03/2017	USD	107.00	NOEL, STEVE CHINO HILLS CA	08/10/2017
220421	2200084781	08/03/2017	USD	430.50	PATRICK W HUNTER PHELAN CA	08/09/2017
220422	2200084775	08/03/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA	08/10/2017
220423	2200084734	08/03/2017	USD	625.44	RED WING SHOE STORE CORONA CA	08/14/2017
220424	2200084733	08/03/2017	USD	225.00	RED WING SHOE STORE UPLAND CA	08/16/2017
220425	2200084767	08/03/2017	USD	500.87	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	08/29/2017
220426	2200084761	08/03/2017	USD	54,598.74	SO CALIF EDISON ROSEMEAD CA	08/09/2017
220427	2200084762	08/03/2017	USD	559.74	SO CALIF GAS MONTEREY PARK CA	08/11/2017
220428	2200084730	08/03/2017	USD	440.00	STATE WATER RESOURCES CNTRL BRSACRAMENTO CA	08/09/2017
220429	2200084785	08/03/2017	USD	40.66	SWEZEY, TOM CHINO HILLS CA	08/16/2017
220430	2200084747	08/03/2017	USD	692,889.62	SWRCB ACCOUNTING OFFICE SACRAMENTO CA	08/08/2017
220431	2200084793	08/03/2017	USD	60.75	TE, GARY CHINO HILLS CA	08/18/2017
220432	2200084746	08/03/2017	USD	150.00	THE INSTITUTE OF INTERNAL AUDIORLANDO FL	08/09/2017
220433	2200084789	08/03/2017	USD	176.00	TRAN, VINCENT CHINO HILLS CA	08/16/2017
220434	2200084736	08/03/2017	USD	1,323.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA	08/07/2017
220435	2200084773	08/03/2017	USD	243.33	US DEPARTMENT OF EDUCATION ATLANTA GA	08/10/2017
220436	2200084725	08/03/2017	USD	247.00	WATER ENVIRONMENT FEDERATION BOSTON MA	08/08/2017
220437	2200084787	08/03/2017	USD	235.61	WATERS-LEIVA, TORRES CHINO HILLS CA	09/13/2017
220438	2200084777	08/03/2017	USD	25.00	WILCO LIFE INSURANCE COMPANY ATLANTA GA	08/14/2017
220439	2200084745	08/03/2017	USD	569.97	WORLDWIDE EXPRESS ALBANY NY	08/08/2017
220440	2200084832	08/10/2017	USD	316.03	ACCUSTANDARD INC NEW HAVEN CT	08/18/2017
220441	2200084844	08/10/2017	USD	551.00	AEROTEK INC ATLANTA GA	08/16/2017
220442	2200084888	08/10/2017	USD	226.74	AGUILAR, JOSHUA CHINO HILLS CA	08/23/2017
220443	2200084821	08/10/2017	USD	292.57	AIRGAS WEST INC PASADENA CA	08/14/2017
220444	2200084827	08/10/2017	USD	1,972.97	APPLEBONE EMPLOYMENT SERVICES GLENDALE CA	08/17/2017
220445	2200084860	08/10/2017	USD	227.27	ASAP INDUSTRIAL SUPPLY FONTANA CA	08/15/2017
220446	2200084864	08/10/2017	USD	1,831.67	AUTOZONE WEST INC MEMPHIS TN	08/22/2017
220447	2200084862	08/10/2017	USD	33,791.01	BAGHOUSE & INDUSTRIAL SHEET MECORONA CA	08/15/2017
220448	2200084866	08/10/2017	USD	871.75	BERLIN PACKAGING LLC CHICAGO IL	08/17/2017
220449	2200084892	08/10/2017	USD	655.63	BOUGHAN, ARIN CHINO HILLS CA	08/14/2017
220450	2200084893	08/10/2017	USD	84.00	BURKE, JERRY CHINO HILLS CA	08/22/2017
220451	2200084830	08/10/2017	USD	346.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	08/31/2017
220452	2200084867	08/10/2017	USD	10,940.03	CALIFORNIA WATER TECHNOLOGIES,PASADENA CA	08/15/2017
220453	2200084843	08/10/2017	USD	350.00	CALPELRA PLEASANTON CA	08/30/2017
220454	2200084889	08/10/2017	USD	237.54	CAMACHO, MICHAEL CHINO HILLS CA	08/14/2017
220455	2200084835	08/10/2017	USD	64,205.01	CAROLLO ENGINEERS INC SALT LAKE CITY UT	08/17/2017
220456	2200084834	08/10/2017	USD	11,394.79	CAROLLO ENGINEERS WALNUT CREEK CA	08/24/2017
220457	2200084847	08/10/2017	USD	9,016.46	CASC ENGINEERING AND CONSULTINCOLTON CA	08/15/2017

Bank CBB CITIZENS BUSINESS BANK ONTARIO CA 917610000
 Bank Key 122234149
 Acct number CHECK 231167641

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
220458	2200084829	08/10/2017	USD	10,870.83	CHINO BASIN WATERMASTER RANCHO CUCAMONGA CA	08/16/2017
220459	2200084857	08/10/2017	USD	3,075.63	CINTAS CORPORATION LOC#150 PHOENIX AZ	08/18/2017
220460	2200084825	08/10/2017			voided by SHEATH - Check not needed	08/10/2017
220461	2200084824	08/10/2017			voided by KMCCHRIS - Check not needed	08/22/2017
220462	2200084876	08/10/2017	USD	3,867.49	CITY OF CHINO CHINO CA	08/14/2017
220463	2200084868	08/10/2017	USD	7,565.27	CIVILTEC ENGINEERING, INC. MONROVIA CA	08/17/2017
220464	2200084863	08/10/2017	USD	28,626.14	CONSERV CONSTRUCTION INC MENIFEE CA	08/15/2017
220465	2200084813	08/10/2017	USD	1,416,497.77	COUNTY SANITATION DISTRICTS OFWHITTIER CA	08/16/2017
220466	2200084852	08/10/2017	USD	4,064.50	CS-AMSCO HUNTINGTON BEACH CA	08/15/2017
220467	2200084869	08/10/2017	USD	284.38	D & H WATER SYSTEMS INC OCEANSIDE CA	08/16/2017
220468	2200084861	08/10/2017	USD	48,785.17	DAVID T WARDEN INC RIVERSIDE CA	08/16/2017
220469	2200084875	08/10/2017	USD	19,795.30	DORGAN LEGAL SERVICES LLP PASADENA CA	08/28/2017
220470	2200084890	08/10/2017	USD	53.77	ELIE, STEVE CHINO HILLS CA	08/16/2017
220471	2200084883	08/10/2017	USD	480.00	EMPLOYMENT DEVELOPMENT DEPARTMSACRAMENTO CA	08/15/2017
220472	2200084858	08/10/2017	USD	2,104.62	FASTSIGNS ONTARIO CA	08/30/2017
220473	2200084814	08/10/2017	USD	3,029.85	FISHER SCIENTIFIC LOS ANGELES CA	08/14/2017
220474	2200084815	08/10/2017	USD	4,577.22	FLO SYSTEMS INC ANAHEIM HILLS CA	08/16/2017
220475	2200084873	08/10/2017	USD	4,614.04	FLOW N CONTROL INC MONTROSE CA	08/15/2017
220476	2200084823	08/10/2017	USD	2,742.22	FLUID METERING INC ATLANTA GA	08/15/2017
220477	2200084880	08/10/2017	USD	861.10	FONTANA WATER COMPANY FONTANA CA	08/18/2017
220478	2200084882	08/10/2017	USD	1,727.20	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	08/22/2017
220479	2200084840	08/10/2017	USD	221.35	GEMS SENSORS CHICAGO IL	08/18/2017
220480	2200084872	08/10/2017	USD	6,890.00	GILLIS + PANICHAPAN ARCHITECTSCOSTA MESA CA	08/17/2017
220481	2200084849	08/10/2017	USD	4,475.75	GOLDEN STATE LABOR COMPLIANCE PALMDALE CA	
220482	2200084848	08/10/2017	USD	1,746.21	HACH COMPANY CHICAGO IL	08/17/2017
220483	2200084891	08/10/2017	USD	201.70	HALL, JASMIN CHINO HILLS CA	08/15/2017
220484	2200084817	08/10/2017	USD	1,121.93	HOME DEPOT CREDIT SERVICES DES MOINES IA	08/21/2017
220485	2200084838	08/10/2017	USD	16.16	INDUSTRIAL SUPPLY COMPANY ONTARIO CA	08/17/2017
220486	2200084828	08/10/2017	USD	1,635.22	INGERSOLL RAND COMPANY CHICAGO IL	08/17/2017
220487	2200084851	08/10/2017	USD	8,000.00	INNOVATIVE FEDERAL STRATEGIES WASHINGTON DC	08/23/2017
220488	2200084853	08/10/2017	USD	500.00	INSIDE PLANTS INC CORONA CA	08/17/2017
220489	2200084859	08/10/2017	USD	1,150.00	JE'S POOLS & PONDS INC UPLAND CA	08/17/2017
220490	2200084870	08/10/2017	USD	147,332.09	JEREMY HARRIS CONSTRUCTION, INRIVERSIDE CA	08/14/2017
220491	2200084831	08/10/2017	USD	228.01	KONICA MINOLTA PASADENA CA	08/17/2017
220492	2200084842	08/10/2017	USD	7,721.40	LEE & RO INC CITY OF INDUSTRY CA	08/17/2017
220493	2200084894	08/10/2017	USD	118.19	LEE, SALLY H CHINO HILLS CA	08/11/2017
220494	2200084881	08/10/2017	USD	880.99	LEVEL 3 COMMUNICATIONS LLC DENVER CO	08/21/2017
220495	2200084874	08/10/2017	USD	6,727.26	LOCAL GOVERNMENT COMMISSION SACRAMENTO CA	08/23/2017
220496	2200084871	08/10/2017	USD	178.86	MANAGED MOBILE INC PLACENTIA CA	08/18/2017
220497	2200084836	08/10/2017	USD	904.41	MCMASTER-CARR SUPPLY CO CHICAGO IL	08/17/2017
220498	2200084837	08/10/2017	USD	529.90	MIDPOINT BEARING ONTARIO CA	08/16/2017
220499	2200084846	08/10/2017	USD	1,152.96	NATIONAL BUSINESS INVESTIGATIONMURRIETA CA	08/17/2017
220500	2200084856	08/10/2017	USD	1,201.51	NATIONAL CONSTRUCTION RENTALS PACOIMA CA	08/17/2017
220501	2200084877	08/10/2017	USD	304.00	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	08/16/2017

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 (PC)	Recipient/void reason code	Enca./void	
220502	2200084895	08/10/2017	USD	59.55	PARKER, KATI CHINO HILLS CA	08/15/2017	
220503	2200084887	08/10/2017	USD	100.00	REED, RANDALL J CHINO HILLS CA	08/21/2017	
220504	2200084841	08/10/2017	USD	1,800.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	08/21/2017	
220505	2200084819	08/10/2017	USD	14,019.00	SANTA ANA WATERSHED RIVERSIDE CA	08/15/2017	
220506	2200084854	08/10/2017	USD	425.00	SARBS FOUNTAIN VALLEY CA	08/28/2017	
220507	2200084878	08/10/2017	USD	2,061.75	SO CALIF EDISON ROSEMEAD CA	08/17/2017	
220508	2200084879	08/10/2017	USD	25,738.06	SO CALIF EDISON ROSEMEAD CA	08/15/2017	
220509	2200084826	08/10/2017	USD	6,279.44	SOUTH COAST AQMD DIAMOND BAR CA	09/15/2017	
220510	2200084820	08/10/2017	USD	1,096.66	SOUTHWEST ALARM SERVICE UPLAND CA	08/15/2017	
220511	2200084865	08/10/2017	USD	1,200.00	STAFFING NETWORK LLC CAROL STREAM IL	08/15/2017	
220512	2200084855	08/10/2017	USD	43,106.66	STANTEC CONSULTING INC CHICAGO IL	08/14/2017	
220513	2200084839	08/10/2017	USD	13,304.14	TOM DODSON & ASSOCIATES SAN BERNARDINO CA	08/17/2017	
220514	2200084845	08/10/2017	USD	881.65	U S BANK NA MINNEAPOLIS MN	08/14/2017	
220515	2200084917	08/10/2017	USD	209.56	REM LOCK & KEY ONTARIO CA	08/18/2017	
220516	2200084926	08/10/2017	USD	757.28	SO CALIF GAS MONTEREY PARK CA	08/21/2017	
220517	2200084918	08/10/2017	USD	505.74	SOUTH COAST AQMD DIAMOND BAR CA	08/21/2017	
220518	2200084921	08/10/2017	USD	58,847.50	STANTEC CONSULTING INC CHICAGO IL	08/15/2017	
220519	2200084924	08/10/2017	USD	46,594.91	SUPERIOR ELECTRIC MOTOR SERVICVERNON CA	08/21/2017	
220520	2200084923	08/10/2017	USD	292,460.00	SYNAGRO-WWT INC CHICAGO IL	08/15/2017	
220521	2200084919	08/10/2017	USD	244.20	ULTRA SCIENTIFIC NORTH KINGSTOWN RI	08/17/2017	
220522	2200084922	08/10/2017	USD	12,361.75	UTILIQUEST LLC ATLANTA GA	08/14/2017	
220523	2200084920	08/10/2017	USD	49,996.64	W A BASIC CONSTRUCTION CO INC LONG BEACH CA	08/15/2017	
220524	2200084925	08/10/2017	USD	17,600.00	WALLACE & ASSOCIATES CONSULTINPARK CITY UT	08/15/2017	
220525	2200084927	08/10/2017	USD	462.25	GENERAL MONITORS INC LAKE FOREST CA	08/17/2017	
220526	2200084989	08/17/2017	USD	4,049.32	4IMPRINT INC CHICAGO IL	08/22/2017	
220527	2200084970	08/17/2017	USD	406.00	AEROTEK INC ATLANTA GA	08/23/2017	
220528	2200084950	08/17/2017	USD	570.06	AIRGAS WEST INC PASADENA CA	08/21/2017	
220529	2200084977	08/17/2017	USD	8,402.16	ALLIED UNIVERSAL SECURITY SERVPASADENA CA	08/21/2017	
220530	2200084955	08/17/2017	USD	7,062.38	APPLONE EMPLOYMENT SERVICES GLENDALE CA	08/23/2017	
220531	2200085015	08/17/2017	USD	53.84	ARGUELLES, ALEX CHINO HILLS CA	08/23/2017	
220532	2200084979	08/17/2017	USD	122,478.40	BAGHOUSE & INDUSTRIAL SHEET MECORONA CA	08/22/2017	
220533	2200084981	08/17/2017	USD	718.27	BERLIN PACKAGING LLC CHICAGO IL	08/22/2017	
220534	2200085019	08/17/2017	USD	86.73	BHOJANI, SHARMEEN CHINO HILLS CA		
220535	2200084958	08/17/2017	USD	8,185.00	BLACK & VEATCH CORPORATION KANSAS CITY MO	08/22/2017	
220536	2200084969	08/17/2017	USD	344.24	BOOT BARN INC IRVINE CA	08/28/2017	
220537	2200084986	08/17/2017	USD	7,655.43	BUSINESS CARD WILMINGTON DE	08/23/2017	
220538	2200084957	08/17/2017	USD	172.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	08/31/2017	
220539	2200084982	08/17/2017	USD	21,498.01	CALIFORNIA WATER TECHNOLOGIES PASADENA CA	08/21/2017	
220540	2200084945	08/17/2017	USD	4,136.85	CALTROL INC LOS ANGELES CA	08/21/2017	
220541	2200085013	08/17/2017	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	08/22/2017	
220542	2200084992	08/17/2017	USD	3,415.43	CHEMTRADE CHEMICALS US LLC DETROIT MI	08/22/2017	
220543	2200084956	08/17/2017	USD	150,289.04	CHINO BASIN WATERMASTER RANCHO CUCAMONGA CA	08/22/2017	
220544	2200084975	08/17/2017	USD	807.80	CINTAS CORPORATION LOC#150 PHOENIX AZ	08/25/2017	
220545	2200085011	08/17/2017	USD	415.00	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	08/22/2017	

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220547	2200084995	08/17/2017	USD	2,801.01	CITY OF CHINO CHINO CA	08/21/2017
220548	2200084983	08/17/2017	USD	9,571.25	CIVILTEC ENGINEERING, INC. MONROVIA CA	09/06/2017
220549	2200084974	08/17/2017	USD	632.52	CONTROLLED MOTION SOLUTIONS INSANTA ANA CA	08/22/2017
220550	2200084946	08/17/2017	USD	17,407.37	COUNTY SANITATION DISTRICTS OFWHITTIER CA	08/22/2017
220551	2200084997	08/17/2017	USD	55.20	CUCAMONGA VALLEY WATER DISTRICTLOS ANGELES CA	08/22/2017
220552	2200084994	08/17/2017	USD	419.97	DAISY IT SUPPLIES SALES & SERVVRANCHO CUCAMONGA CA	08/22/2017
220553	2200084978	08/17/2017	USD	1,264.08	DAVID WHEELER'S PEST CONTROL, NORCO CA	08/23/2017
220554	2200084987	08/17/2017	USD	980.00	DAVIS BARBER PRODUCTIONS INC FULLERTON CA	08/22/2017
220555	2200084971	08/17/2017	USD	263.55	DIGI-KEY CORPORATION THIEF RIVER FALLS MN	08/22/2017
220556	2200084990	08/17/2017	USD	42,681.05	DKP ENTERPRISES INC HOUSTON TX	08/21/2017
220557	2200084967	08/17/2017	USD	3,167.59	E Z PARTY RENTALS POMONA CA	08/22/2017
220558	2200084980	08/17/2017	USD	180.00	EUROPINS EATON ANALYTICAL, INCGRAPEVINE TX	08/22/2017
220559	2200084988	08/17/2017	USD	510.00	FIREHAWK FIRE & SAFETY SAN DEIGO CA	08/24/2017
220560	2200084947	08/17/2017	USD	1,972.14	FISHER SCIENTIFIC LOS ANGELES CA	08/21/2017
220561	2200085021	08/17/2017	USD	300.00	FLORES, MARTIN FONTANA CA	08/24/2017
220562	2200085010	08/17/2017	USD	82.26	FRANCHISE TAX BOARD SACRAMENTO CA	08/23/2017
220563	2200085001	08/17/2017	USD	3,986.43	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	08/24/2017
220564	2200084972	08/17/2017	USD	9,000.00	GOVERNMENTJOBS.COM INC EL SEGUNDO CA	08/28/2017
220565	2200084951	08/17/2017	USD	504.88	GRAINGER PALATINE IL	08/23/2017
220566	2200085022	08/17/2017	USD	300.00	HILLARY, PUREDIT RANCHO CUCAMONGA CA	08/25/2017
220567	2200084948	08/17/2017	USD	2,487.68	HOME DEPOT CREDIT SERVICES DES MOINES IA	08/28/2017
220568	2200084961	08/17/2017	USD	258.60	IMPRESSIONS GOURMET CATERING ONTARIO CA	08/23/2017
220569	2200084965	08/17/2017	USD	73.18	INDUSTRIAL SUPPLY COMPANY ONTARIO CA	08/22/2017
220570	2200085006	08/17/2017	USD	66.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	08/21/2017
220571	2200084960	08/17/2017	USD	2,699.14	KONICA MINOLTA PASADENA CA	08/21/2017
220572	2200085018	08/17/2017	USD	35.09	LETULLE, CHANDER CHINO HILLS CA	09/08/2017
220573	2200084954	08/17/2017	USD	211.19	MAJESTIC TROPHY CO ONTARIO CA	08/25/2017
220574	2200085014	08/17/2017	USD	288.00	MARIA FRESQUEZ N LAS VEGAS NV	08/28/2017
220575	2200084973	08/17/2017	USD	211.55	NATIONAL CONSTRUCTION RENTALS PACOIMA CA	08/22/2017
220576	2200084996	08/17/2017	USD	5,776.18	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	08/21/2017
220577	2200084968	08/17/2017	USD	1,969.20	PALM AUTO DETAIL INC COLTON CA	08/28/2017
220578	2200085012	08/17/2017	USD	430.50	PATRICK W HUNTER PHELAN CA	08/23/2017
220579	2200084963	08/17/2017	USD	193.94	RED WING SHOE STORE CORONA CA	08/23/2017
220580	2200084964	08/17/2017	USD	208.49	RED WING SHOE STORE FONTANA CA	08/29/2017
220581	2200084962	08/17/2017	USD	189.09	RED WING SHOE STORE UPLAND CA	08/28/2017
220582	2200084984	08/17/2017	USD	130,359.00	RIVERS & LANDS CONSERVANCY RIVERSIDE CA	09/01/2017
220583	2200084985	08/17/2017	USD	18,360.00	RIVERS & LANDS CONSERVANCY RIVERSIDE CA	09/01/2017
220584	2200084966	08/17/2017	USD	3,200.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	08/25/2017
220585	2200084949	08/17/2017	USD	172.90	SANTA ANA WATERSHED RIVERSIDE CA	08/23/2017
220586	2200085002	08/17/2017	USD	382.93	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	09/06/2017
220587	2200084998	08/17/2017	USD	15,377.61	SO CALIF EDISON ROSEMEAD CA	08/25/2017
220588	2200084999	08/17/2017	USD	12,106.00	SO CALIF EDISON ROSEMEAD CA	08/21/2017
220589	2200084959	08/17/2017	USD	340.00	STATE WATER RESOURCES CNTRL BRSAACRAMENTO CA	08/23/2017

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220591	2200085000	08/17/2017	USD	454.94	VERIZON BUSINESS ALBANY NY	08/22/2017	
220592	2200085016	08/17/2017	USD	1,734.38	ZIEGENBEIN, JEFF CHINO HILLS CA	08/25/2017	
220593	2200085087	08/24/2017	USD	1,276.00	AEROTEK INC ATLANTA GA	08/28/2017	
220594	2200085074	08/24/2017	USD	731.62	AGILENT TECHNOLOGIES INC LOS ANGELES CA	08/28/2017	
220595	2200085070	08/24/2017	USD	825.44	ANIXTER INC DALLAS TX	08/28/2017	
220596	2200085068	08/24/2017	USD	3,162.64	APPLEBONE EMPLOYMENT SERVICES GLENDALE CA	08/29/2017	
220597	2200085138	08/24/2017	USD	100.00	ARMENDAREZ III, JESUS M FONTANA CA	08/29/2017	
220598	2200085111	08/24/2017	USD	439.26	ASAP INDUSTRIAL SUPPLY FONTANA CA	08/29/2017	
220599	2200085114	08/24/2017	USD	78,969.06	ATOM ENGINEERING CONSTRUCTION HERMET CA	08/28/2017	
220600	2200085135	08/24/2017	USD	24,045.38	BANNER BANK SACRAMENTO CA	08/30/2017	
220601	2200085156	08/24/2017	USD	29.08	BECKER, NIKI CHINO HILLS CA	08/28/2017	
220602	2200085119	08/24/2017	USD	590.00	BRIGHTVIEW LANDSCAPES LLC ROCKVILLE MD	08/28/2017	
220603	2200085106	08/24/2017	USD	1,427.89	BURLINGTON SAFETY LAB OF CALIFWESTMINSTER CA	08/28/2017	
220604	2200085147	08/24/2017	USD	5,680.53	BURRTEC WASTE INDUSTRIES INC FONTANA CA	08/30/2017	
220605	2200085122	08/24/2017	USD	14,365.53	CALIFORNIA WATER TECHNOLOGIES, PASADENA CA	08/29/2017	
220606	2200085086	08/24/2017	USD	757.00	CALPELRA PLEASANTON CA	08/30/2017	
220607	2200085153	08/24/2017	USD	240.53	CAMPBELL, ANDREW CHINO HILLS CA	09/18/2017	
220608	2200085076	08/24/2017	USD	103,399.30	CAROLLO ENGINEERS INC SALT LAKE CITY UT	08/30/2017	
220609	2200085069	08/24/2017	USD	81,595.80	CDM SMITH INC LOS ANGELES CA	08/28/2017	
220610	2200085137	08/24/2017	USD	827.26	CHEMTRADE CHEMICALS US LLC DETROIT MI	08/29/2017	
220611	2200085101	08/24/2017	USD	203.14	CINTAS CORPORATION LOC#150 PHOENIX AZ	08/31/2017	
220612	2200085064	08/24/2017	USD	33,395.86	CITY OF CHINO CHINO CA	08/29/2017	
220613	2200085053	08/24/2017	USD	50.90	CITY RENTALS INC ONTARIO CA	08/29/2017	
220614	2200085150	08/24/2017	USD	347.26	COLONIAL LIFE & ACCIDENT INSURCOLUMBIA SC	08/29/2017	
220615	2200085082	08/24/2017	USD	138.00	COUNTY OF SAN BERNARDINO SAN BERNARDINO CA	09/01/2017	
220616	2200085095	08/24/2017	USD	1,138.75	CS-AMSCO HUNTINGTON BEACH CA	08/28/2017	
220617	2200085123	08/24/2017	USD	1,123.99	D & H WATER SYSTEMS INC OCEANSIDE CA	09/01/2017	
220618	2200085139	08/24/2017	USD	2,171.38	DAISY IT SUPPLIES SALES & SERV RANCHO CUCAMONCA CA	08/29/2017	
220619	2200085109	08/24/2017	USD	50.00	DAVID WHEELER'S PEST CONTROL, NORCO CA	08/30/2017	
220620	2200085108	08/24/2017	USD	100.00	DORST-PORADA, DEBRA ONTARIO CA	08/28/2017	
220621	2200085129	08/24/2017	USD	2,500.00	DRH2O LLC IRVINE CA	08/28/2017	
220622	2200085116	08/24/2017	USD	8,244.24	ELECTRO-CHEMICAL DEVICES, INC ANAHEIM CA	08/30/2017	
220623	2200085096	08/24/2017	USD	100.00	ELROD, EARL CHINO CA	08/29/2017	
220624	2200085130	08/24/2017	USD	1,760.00	ENVIRONMENTAL CONCEPTS COMP INMISSION VIEJO CA	08/30/2017	
220625	2200085117	08/24/2017	USD	4,530.68	ENVIRONMENTAL SCIENCE ASSOCIATS SAN FRANCISCO CA	08/30/2017	
220626	2200085115	08/24/2017	USD	30.00	EUROFINS EATON ANALYTICAL, INC GRAPEVINE TX	08/29/2017	
220627	2200085133	08/24/2017	USD	12,531.57	FACILITY SOLUTIONS GROUP INC PLACENTIA CA	09/05/2017	
220628	2200085152	08/24/2017	USD	2,202.74	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	08/29/2017	
220629	2200085054	08/24/2017	USD	2,267.13	FISHER SCIENTIFIC LOS ANGELES CA	08/28/2017	
220630	2200085055	08/24/2017	USD	5,901.44	FLO SYSTEMS INC ANAHEIM HILLS CA	09/06/2017	
220631	2200085067	08/24/2017	USD	39.16	FONTANA HERALD NEWS FONTANA CA	08/29/2017	
220632	2200085148	08/24/2017	USD	207.19	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	08/30/2017	
220633	2200085113	08/24/2017	USD	8,000.00	GHD PASADENA CA	08/28/2017	

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220635	2200085142	08/24/2017	USD	2,595.00	GLOBAL KNOWLEDGE TRAINING LLC CARY NC	08/28/2017
220636	2200085063	08/24/2017	USD	263.12	GRAINGER PALATINE IL	08/30/2017
220637	2200085092	08/24/2017	USD	7,304.07	HACH COMPANY CHICAGO IL	08/28/2017
220638	2200085056	08/24/2017	USD	566.93	HOME DEPOT CREDIT SERVICES DES MOINES IA	09/01/2017
220639	2200085154	08/24/2017	USD	35.55	HUBER, JENNIFER CHINO HILLS CA	09/05/2017
220640	2200085079	08/24/2017	USD	6,000.00	INNOVYZE INC LOS ANGELES CA	08/28/2017
220641	2200085104	08/24/2017	USD	797.00	INTERNATIONAL PUBLIC MANAGEMENALEXANDRIA VA	08/30/2017
220642	2200085073	08/24/2017	USD	200,450.53	J F SHEA CONSTRUCTION INC WALNUT CA	08/29/2017
220643	2200085057	08/24/2017	USD	38,381.76	J R FILANC CONSTRUCTION CO. INCESCONDIDO CA	08/29/2017
220644	2200085126	08/24/2017	USD	3,200.00	JEREMY HARRIS CONSTRUCTION, INRIVERSIDE CA	08/29/2017
220645	2200085058	08/24/2017	USD	4,394.93	JOHNSON POWER SYSTEMS LOS ANGELES CA	08/28/2017
220646	2200085072	08/24/2017	USD	4,779.38	KONICA MINOLTA BUSINESS SOLUTIPASADENA CA	08/29/2017
220647	2200085127	08/24/2017	USD	24,696.00	LABORATORY SERVICE AND CONSULTVACAVILLE CA	08/30/2017
220648	2200085083	08/24/2017	USD	10,267.80	LEE & RO INC CITY OF INDUSTRY CA	08/29/2017
220649	2200085080	08/24/2017	USD	273.91	MCR TECHNOLOGIES INC LAKE FOREST CA	08/30/2017
220650	2200085121	08/24/2017	USD	1,500.00	MICHAEL J KOLODISNER LAGUNA HILLS CA	09/01/2017
220651	2200085078	08/24/2017	USD	868.91	MIDPOINT BEARING ONTARIO CA	08/28/2017
220652	2200085110	08/24/2017	USD	3,500.00	MULTY INDUSTRIES PRECISION MACONTARIO CA	08/29/2017
220653	2200085071	08/24/2017	USD	787.00	NATIONAL SAFETY COUNCIL ITASCA IL	08/31/2017
220654	2200085105	08/24/2017	USD	525.65	NESTLE WATERS NORTH AMERICA LOUISVILLE KY	09/05/2017
220655	2200085136	08/24/2017	USD	37,052.25	NEW MILLENNIUM CONSTRUCTION CHINO HILLS CA	08/28/2017
220656	2200085099	08/24/2017	USD	500.00	NEWSPAPERS IN EDUCATION SAN ANTONIO TX	08/29/2017
220657	2200085143	08/24/2017	USD	3,837.18	NORTH AMERICAN SAFETY VALVE INNORTH KANSAS CITY MO	08/29/2017
220658	2200085077	08/24/2017	USD	100.00	NRD, LLC GRAND ISLAND NY	
220659	2200085085	08/24/2017	USD	570.00	OLSON HAGEL & FISHBURN LLP SACRAMENTO CA	08/29/2017
220660	2200085144	08/24/2017	USD	106.12	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	08/28/2017
220661	2200085089	08/24/2017	USD	3,472.68	PANTHER PROTECTION ORANGE CA	08/31/2017
220662	2200085151	08/24/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA	08/29/2017
220663	2200085062	08/24/2017	USD	1,065.95	PETTY CASH EXPENDITURES CHINO CA	08/28/2017
220664	2200085155	08/24/2017	USD	65.27	PIVOVAROFF, JASON CHINO HILLS CA	08/31/2017
220665	2200085052	08/24/2017	USD	4,079.24	REM LOCK & KRY ONTARIO CA	08/25/2017
220666	2200085124	08/24/2017	USD	11,927.81	RIVERS & LANDS CONSERVANCY RIVERSIDE CA	09/01/2017
220667	2200085059	08/24/2017	USD	2,045.00	RMA GROUP RANCHO CUCAMONGA CA	09/06/2017
220668	2200085075	08/24/2017	USD	3,280.00	RMS ENGINEERING & DESIGN CORONA DEL MAR CA	08/29/2017
220669	2200085103	08/24/2017	USD	100.00	ROGERS, PETER J CHINO HILLS CA	08/28/2017
220670	2200085100	08/24/2017	USD	782.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	09/06/2017
220671	2200085081	08/24/2017	USD	30,000.00	SAN BERNARDINO COUNTY TREASURESAN BERNARDINO CA	09/05/2017
220672	2200085098	08/24/2017	USD	19,856.46	SCW CONTRACTING CORPORATION FALLBROOK CA	08/30/2017
220673	2200085140	08/24/2017	USD	550.00	SHAW HR CONSULTING INC NEWBURY PARK CA	08/30/2017
220674	2200085145	08/24/2017	USD	140,492.71	SO CALIF EDISON ROSEMEAD CA	08/29/2017
220675	2200085146	08/24/2017	USD	301.37	SO CALIF GAS MONTEREY PARK CA	08/31/2017
220676	2200085066	08/24/2017	USD	44,821.85	SOUTH COAST AQMD DIAMOND BAR CA	09/05/2017
220677	2200085060	08/24/2017	USD	49,377.60	SOUTHWEST ALARM SERVICE UPLAND CA	08/25/2017

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220678	2200085118	08/24/2017	USD	600.00	STAFFING NETWORK LLC ITASCA IL	09/13/2017	
220679	2200085120	08/24/2017	USD	100.00	STONE, DEBRA KAYE UPLAND CA	08/31/2017	
220680	2200085088	08/24/2017	USD	54,315.14	SYSTEMS SOURCE INC IRVINE CA	08/28/2017	
220681	2200085097	08/24/2017	USD	4,073.00	THE AUSTIN COMPANY CLEVELAND OH	08/29/2017	
220682	2200085134	08/24/2017	USD	58,250.00	TONY PAINTING GARDEN GROVE CA	08/28/2017	
220683	2200085090	08/24/2017	USD	9,918.00	TRIMAX SYSTEMS INC BREA CA	09/05/2017	
220684	2200085094	08/24/2017	USD	20,868.75	TRUSSELL TECHNOLOGIES INC PASADENA CA	08/31/2017	
220685	2200085102	08/24/2017	USD	20,688.35	U S BANK ST LOUIS MO	08/31/2017	
220686	2200085084	08/24/2017	USD	1,294.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA	08/28/2017	
220687	2200085112	08/24/2017	USD	8,795.70	UPS PROTECTION INC ANAHEIM CA	08/30/2017	
220688	2200085107	08/24/2017	USD	7,239.77	US BANK VOYAGER FLEET SYSTEMS KANSAS CITY MO	08/29/2017	
220689	2200085131	08/24/2017	USD	100.00	VINCENT, TRISHA LYNN MONTCLAIR CA		
220690	2200085091	08/24/2017	USD	444,309.65	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	08/30/2017	
220691	2200085132	08/24/2017	USD	195.00	WATER AND WASTEWATER JOBS LAKELAND FL	09/05/2017	
220692	2200085061	08/24/2017	USD	4,796.01	WAXIE SANITARY SUPPLY LOS ANGELES CA	08/29/2017	
220693	2200085125	08/24/2017	USD	7,070.86	WEBER WATER RESOURCES CA LLC CORONA CA	09/06/2017	
220694	2200085128	08/24/2017	USD	348.43	WESTERBERG & ASSOCIATES CORP LIBERTY LAKE WA	09/11/2017	
220695	2200085149	08/24/2017	USD	2,694.35	WESTERN DENTAL PLAN ORANGE CA	08/30/2017	
220696	2200085093	08/24/2017	USD	229.40	WORLDWIDE EXPRESS ALBANY NY	08/29/2017	
220698	2200085157	08/24/2017	USD	371.80	CYNTHIA HART WILCOX CORONA CA	08/31/2017	
220699	2200085158	08/24/2017	USD	94.49	GEORGETTE ANN ALBINI CHINO CA	08/29/2017	
220700	2200085272	08/28/2017	USD	172.48	BREIG, ANNA VICTORVILLE CA	09/06/2017	
220701	2200085275	08/28/2017	USD	472.96	HOBBS, DIANA APPLE VALLEY CA	09/06/2017	
220702	2200085273	08/28/2017	USD	472.96	HORNE, WILLIAM YUCCA VALLEY CA	09/05/2017	
220703	2200085274	08/28/2017	USD	746.37	MILLER, EIMER L BLUE JAY CA	09/06/2017	
220704	2200085362	08/31/2017	USD	730.10	A & G INSTRUMENT SERVICE FULLERTON CA	09/11/2017	
220705	2200085375	08/31/2017	USD	868.79	ABATIX CORPORATION DALLAS TX	09/05/2017	
220706	2200085336	08/31/2017	USD	383.64	ACCUSTANDARD INC NEW HAVEN CT	09/11/2017	
220707	2200085371	08/31/2017	USD	445.00	ADVANCED CHEMICAL TECHNOLOGY IRANCHO CUCAMONGA CA	09/06/2017	
220708	2200085353	08/31/2017	USD	522.00	AEROTEK INC ATLANTA GA	09/05/2017	
220709	2200085372	08/31/2017	USD	12,552.26	ALLIED UNIVERSAL SECURITY SERVPASADENA CA	09/05/2017	
220710	2200085373	08/31/2017	USD	790.53	ALTA FOODCRAFT COFFEE LONG BEACH CA	09/06/2017	
220711	2200085392	08/31/2017	USD	239.14	AMERICAN HERITAGE LIFE INSURANDALLAS TX	09/11/2017	
220712	2200085352	08/31/2017	USD	20,250.00	AMERICAN MICROIMAGING LOS ANGELES CA	09/06/2017	
220713	2200085329	08/31/2017	USD	1,957.26	APPLBONE EMPLOYMENT SERVICES GLENDALE CA	09/07/2017	
220714	2200085357	08/31/2017	USD	220.00	ATMAA INC CALABASAS CA	09/19/2017	
220715	2200085378	08/31/2017	USD	915.82	AUTOZONE INC ATLANTA GA	09/07/2017	
220716	2200085340	08/31/2017	USD	1,724.00	BRAGG CRANE SERVICE LONG BEACH CA	09/07/2017	
220717	2200085379	08/31/2017	USD	17,341.79	BRIGHTVIEW LANDSCAPE SERVICES LOS ANGELES CA	09/05/2017	
220718	2200085367	08/31/2017	USD	492.50	BURLINGTON SAFETY LAB OF CALIFWESTMINSTER CA	09/05/2017	
220719	2200085348	08/31/2017	USD	1,895.44	CALIFORNIA BOILER INC HUNTINGTON BEACH CA	09/05/2017	
220720	2200085368	08/31/2017	USD	8,000.00	CALIFORNIA STRATEGIES LLC SACRAMENTO CA	09/07/2017	
220721	2200085380	08/31/2017	USD	10,681.92	CALIFORNIA WATER TECHNOLOGIES PASADENA CA	09/06/2017	
220722	2200085405	08/31/2017	USD	27.87	CAMBIASO, PIETRO CHINO HILLS CA	09/05/2017	

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Bank Key	122234149			
Acct number	CHECK	231167641		

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
220723	2200085402	08/31/2017	USD	98.42	CARL H TAYLOR III CRYSTAL RIVER FL	09/07/2017
220724	2200085338	08/31/2017	USD	75,689.79	CAROLLO ENGINEERS INC SALT LAKE CITY UT	09/06/2017
220725	2200085313	08/31/2017	USD	21,388.38	CHARLES P CROWLEY CO IRWINDALE CA	09/06/2017
220726	2200085332	08/31/2017	USD	675.00	CHINO BASIN WATER CONSERVATIONMONTCLAIR CA	09/08/2017
220727	2200085351	08/31/2017	USD	286.00	CHINO MFG & REPAIR INC CHINO CA	09/06/2017
220728	2200085366	08/31/2017	USD	3,520.62	CINTAS CORPORATION LOC#150 PHOENIX AZ	09/08/2017
220729	2200085349	08/31/2017	USD	2,211.08	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	09/05/2017
220730	2200085400	08/31/2017	USD	425.50	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	09/08/2017
220731	2200085327	08/31/2017	USD	680.00	CITY OF CHINO CHINO CA	09/08/2017
220732	2200085314	08/31/2017	USD	2,166.43	COLE PARMER INSTRUMENT CO CHICAGO IL	09/05/2017
220733	2200085369	08/31/2017	USD	210.00	CONSTRUCTION MANAGEMENT LONG BEACH CA	09/12/2017
220734	2200085347	08/31/2017	USD	23,042.16	COUNTY OF SAN BERNARDINO SAN BERNARDINO CA	09/12/2017
220735	2200085363	08/31/2017	USD	14,987.68	CS-AMSCO HUNTINGTON BEACH CA	09/05/2017
220736	2200085381	08/31/2017	USD	6,424.96	D & H WATER SYSTEMS INC OCEANSIDE CA	09/06/2017
220737	2200085374	08/31/2017	USD	425.00	DAVID WHEELER'S PEST CONTROL, NORCO CA	09/07/2017
220738	2200085404	08/31/2017			voided by RJACKSON - Printed incorrectly	09/07/2017
220739	2200085382	08/31/2017	USD	1,000.00	DEBBY FIGONI BEVERLY HILLS CA	09/18/2017
220740	2200085331	08/31/2017	USD	3,126.04	DELL MARKETING L P PASADENA CA	09/05/2017
220741	2200085335	08/31/2017	USD	115.00	DEPT OF CONSUMER AFFAIRS SACRAMENTO CA	09/13/2017
220742	2200085389	08/31/2017	USD	11,561.15	DORGAN LEGAL SERVICES LLP PASADENA CA	09/19/2017
220743	2200085406	08/31/2017	USD	18.51	DYER, DANIEL CHINO HILLS CA	09/13/2017
220744	2200085386	08/31/2017	USD	11,200.00	ECOTECH SERVICES INC MONROVIA CA	09/07/2017
220745	2200085377	08/31/2017	USD	7,079.60	ELECTRO-CHEMICAL DEVICES, INC ANAHEIM CA	09/06/2017
220746	2200085337	08/31/2017	USD	231.00	ENVIRONMENTAL CONSULTING & TESSUPERIOR WI	09/07/2017
220747	2200085376	08/31/2017	USD	45.00	EUROFINS EATON ANALYTICAL, INGRAPEVINE TX	09/06/2017
220748	2200085316	08/31/2017	USD	1,090.61	FISHER SCIENTIFIC LOS ANGELES CA	09/05/2017
220749	2200085387	08/31/2017	USD	6,193.47	FLOW N CONTROL INC MONTROSE CA	09/07/2017
220750	2200085328	08/31/2017	USD	700.12	FLW INC HUNTINGTON BEACH CA	09/07/2017
220751	2200085325	08/31/2017	USD	1,444.89	GRAINGER PALATINE IL	09/06/2017
220752	2200085330	08/31/2017	USD	378.96	INGERSOLL RAND COMPANY CHICAGO IL	09/05/2017
220753	2200085394	08/31/2017	USD	51.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	09/11/2017
220754	2200085317	08/31/2017	USD	152.03	INLAND VALLEY DAILY BULLETIN LOS ANGELES CA	09/14/2017
220755	2200085360	08/31/2017	USD	8,000.00	INNOVATIVE FEDERAL STRATEGIES WASHINGTON DC	09/07/2017
220756	2200085318	08/31/2017	USD	259.57	J L WINGERT CO GARDEN GROVE CA	09/06/2017
220757	2200085399	08/31/2017	USD	281.00	LEGALSHIELD ADA OK	09/11/2017
220758	2200085397	08/31/2017	USD	14,886.16	LIFE INSURANCE COMPANY OF PHILADELPHIA PA	09/07/2017
220759	2200085344	08/31/2017	USD	1,097.28	LOCKMASTERS USA INC PANAMA CITY FL	09/11/2017
220760	2200085354	08/31/2017	USD	500.00	LOS SERRANOS GOLF & COUNTRY CLCHINO HILLS CA	09/12/2017
220761	2200085384	08/31/2017	USD	4,272.30	MANAGED MOBILE INC PLACENTIA CA	09/07/2017
220762	2200085403	08/31/2017	USD	192.00	MARIA FRESQUEZ N LAS VEGAS NV	09/08/2017
220763	2200085339	08/31/2017	USD	315.36	MCMASTER-CARR SUPPLY CO CHICAGO IL	09/06/2017
220764	2200085341	08/31/2017	USD	277.28	MIDPOINT BEARING ONTARIO CA	09/06/2017
220765	2200085355	08/31/2017	USD	185.00	NATIONAL BUSINESS INVESTIGATIONMURRIETA CA	09/06/2017
220766	2200085334	08/31/2017	USD	465.54	O RINGS & THINGS PONTANA CA	09/08/2017

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Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
220767	2200085315	08/31/2017	USD	398.07	OFFICE DEPOT PHOENIX AZ	09/11/2017
220768	2200085358	08/31/2017	USD	500.00	OSTS INC CHINO CA	09/06/2017
220769	2200085401	08/31/2017	USD	287.00	PATRICK W HUNTER PHELAN CA	09/11/2017
220770	2200085396	08/31/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA	09/07/2017
220771	2200085323	08/31/2017	USD	873.02	PETE'S ROAD SERVICE FULLERTON CA	09/07/2017
220772	2200085407	08/31/2017	USD	2,736.87	PRICE, COURTNEY CHINO HILLS CA	09/14/2017
220773	2200085319	08/31/2017	USD	9,082.50	RMA GROUP RANCHO CUCAMONGA CA	09/11/2017
220774	2200085361	08/31/2017	USD	73,200.91	RMC WATER AND ENVIRONMENT WALNUT CREEK CA	09/06/2017
220775	2200085320	08/31/2017	USD	3,664.87	ROYAL WHOLESALE ELECTRIC ORANGE CA	09/07/2017
220776	2200085365	08/31/2017	USD	15.49	RSD LAKE FOREST CA	09/06/2017
220777	2200085370	08/31/2017	USD	940.00	SCREENVISION DIRECT NEW YORK NY	09/08/2017
220778	2200085324	08/31/2017	USD	587.93	SHANLEY PUMP & EQUIPMENT INC ARLINGTON HEIGHTS IL	09/06/2017
220779	2200085391	08/31/2017	USD	10,308.44	SHAW HR CONSULTING INC NEWBURY PARK CA	09/07/2017
220780	2200085393	08/31/2017	USD	352.91	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	
220781	2200085333	08/31/2017	USD	2,006.59	SIGMA-ALDRICH INC ATLANTA GA	09/06/2017
220782	2200085364	08/31/2017	USD	1,518.26	SKALAR INC BUFORD GA	
220783	2200085321	08/31/2017	USD	640.88	SMART & FINAL LOS ANGELES CA	09/15/2017
220784	2200085390	08/31/2017	USD	33.40	STREAMLINE PRESS INC UPLAND CA	09/07/2017
220785	2200085342	08/31/2017	USD	7,470.31	TELEDYNE INSTRUMENTS INC CHICAGO IL	09/05/2017
220786	2200085326	08/31/2017	USD	24,660.00	TETRA TECH INC DENVER CO	09/05/2017
220787	2200085345	08/31/2017	USD	1,662.85	TOM DODSON & ASSOCIATES SAN BERNARDINO CA	09/11/2017
220788	2200085383	08/31/2017	USD	375.00	TRIPEPI SMITH AND ASSOCIATES, IRVINE CA	
220789	2200085350	08/31/2017	USD	222.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA	09/05/2017
220790	2200085343	08/31/2017	USD	81.41	U S HOSE INC ONTARIO CA	09/06/2017
220791	2200085395	08/31/2017	USD	243.33	US DEPARTMENT OF EDUCATION ATLANTA GA	09/12/2017
220792	2200085385	08/31/2017	USD	16,344.00	VARTECH SYSTEMS INC BATON ROUGE LA	09/06/2017
220793	2200085346	08/31/2017	USD	7,758.17	VERIZON WIRELESS DALLAS TX	09/07/2017
220794	2200085356	08/31/2017	USD	35,600.00	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	09/06/2017
220795	2200085322	08/31/2017	USD	27.14	WAXIE SANITARY SUPPLY LOS ANGELES CA	09/06/2017
220796	2200085398	08/31/2017	USD	61.44	WILCO LIFE INSURANCE COMPANY ATLANTA GA	09/11/2017
220797	2200085359	08/31/2017	USD	660.90	WORLDWIDE EXPRESS ALBANY NY	09/06/2017
220798	2200085388	08/31/2017	USD	1,664.75	YORKE ENGINEERING LLC SAN JUAN CAPISTRANO CA	09/07/2017
220799	2200085409	08/31/2017	USD	856.76	OFFICE DEPOT PHOENIX AZ	09/12/2017
220800	2200085410	08/31/2017	USD	486.39	PATTON SALES CORP ONTARIO CA	09/06/2017
220801	2200085417	08/31/2017	USD	229.11	PONTON INDUSTRIES INC YORBA LINDA CA	09/11/2017
220802	2200085422	08/31/2017	USD	15,251.05	PRIORITY BUILDING SERVICES LLC BRECA CA	09/06/2017
220803	2200085408	08/31/2017	USD	1,505.53	RBM LOCK & KEY ONTARIO CA	09/08/2017
220804	2200085411	08/31/2017	USD	1,101.77	ROYAL WHOLESALE ELECTRIC ORANGE CA	09/07/2017
220805	2200085418	08/31/2017	USD	10,143.51	RSD LAKE FOREST CA	09/06/2017
220806	2200085420	08/31/2017	USD	229.29	SIGNATURE SCUBA RANCHO CUCAMONGA CA	
220807	2200085424	08/31/2017	USD	482.03	SO CALIF EDISON ROSEMEAD CA	09/07/2017
220808	2200085414	08/31/2017	USD	6,792.23	SOUTH COAST AQMD DIAMOND BAR CA	09/12/2017
220809	2200085413	08/31/2017	USD	237.06	SPARLING INSTRUMENTS LLC PHOENIX AZ	09/06/2017
220810	2200085416	08/31/2017	USD	685.29	TELEDYNE INSTRUMENTS INC CHICAGO IL	09/06/2017

Inland Empire Util.Agency
 Chino, CA
 Company code 1000

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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
220811	2200085421	08/31/2017	USD	20.00	THE SHREDDERS LOS ANGELES CA	09/19/2017
220812	2200085419	08/31/2017	USD	1,061.55	TRANE U S INC CHICAGO IL	09/06/2017
220813	2200085423	08/31/2017	USD	212.58	TRANSENE COMPANY INC DANVERS MA	09/07/2017
220814	2200085415	08/31/2017	USD	134.11	ULTRA SCIENTIFIC NORTH KINGSTOWN RI	09/08/2017
220815	2200085412	08/31/2017	USD	3,709.38	WAXIE SANITARY SUPPLY LOS ANGELES CA	09/06/2017
* Payment method Check			USD	6,625,447.26		

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

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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	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
220697	2200085065	08/24/2017	USD	60.00	CUCAMONGA VALLEY WATER DISTRICT RANCHO CUCAMONGA CA	08/31/2017
* Payment method Separate Check			USD	60.00		

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			DSD	6,625,507.26		

Attachment 2

Workers' Comp Checks

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
04811	2200084936	08/09/2017	USD	13.81	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/15/2017
04812	2200085276	08/16/2017	USD	617.00	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/21/2017
04813	2200085277	08/16/2017	USD	715.80	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/21/2017
04814	2200085278	08/16/2017	USD	1,623.80	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/21/2017
04815	2200085279	08/16/2017	USD	77.02	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/23/2017
04816	2200085280	08/16/2017	USD	71.90	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/23/2017
04817	2200085281	08/16/2017	USD	19.56	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/23/2017
04818	2200085285	08/16/2017	USD	15.00	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/23/2017
04819	2200085286	08/23/2017	USD	75.00	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	08/29/2017
04820	2200085287	08/23/2017	USD	535.50	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	09/08/2017
04821	2200085427	08/30/2017	USD	145.08	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	09/05/2017
* Payment method Checks created manually			USD	3,909.47		

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	3,909.47		

Attachment 3

Vendor ACHs

Check	Payee / Description	Amount
ACH	GK & ASSOCIATES INC 46-2054-5/17 Prof Svcs 17-035 14,080.00 46-2054-5/17 Prof Svcs 17-036 16,016.00 GK & ASSOCIATES INC \$ 30,096.00	
ACH	ICMA RETIREMENT TRUST 457 P/R 16 8/3/17 Deferred Comp Ded HR 0058400 15,648.68 ICMA RETIREMENT TRUST 457 \$ 15,648.68	
ACH	LINCOLN NATIONAL LIFE INS CO P/R 16 8/2/17 Deferred Comp Ded HR 0058400 22,603.43 LINCOLN NATIONAL LIFE INS CO \$ 22,603.43	
ACH	ICMA RETIREMENT TRUST 401 P/R 16 8/2/17 Exec Deferred Comp HR 0058400 8,683.55 ICMA RETIREMENT TRUST 401 \$ 8,683.55	
ACH	SANTA ANA WATERSHED June 2017 Truck Discharge 9074 3,885.81 June 2017 Service 9088 147,437.94 SANTA ANA WATERSHED \$ 151,323.75	
ACH	AGRICULTURAL RESOURCES 8/17 Wtr Quality Consult 8/17 WTR QLTY 3,500.00 AGRICULTURAL RESOURCES \$ 3,500.00	
ACH	INLAND EMPIRE REGIONAL 6/17 Biosolids 90020395 312,715.15 INLAND EMPIRE REGIONAL \$ 312,715.15	
ACH	JC LAW FIRM 6/17 RCA Legal 00278 3,160.00 6/17 Watermaster 00280 2,045.00 6/17 Regional Contract 00279 5,010.00 6/17 General Legal 00277 42,860.00 6/17 IEUA vs Mwembu 00276 210.00 JC LAW FIRM \$ 53,285.00	
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 16 8/2/17 Employee Ded HR 0058400 186.00 IEUA EMPLOYEES' ASSOCIATION \$ 186.00	
ACH	IEUA SUPERVISORS UNION ASSOCIA P/R 16 8/3/17 Employee Ded HR 0058400 315.00 IEUA SUPERVISORS UNION ASSOCIAS \$ 315.00	
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 16 8/3/17 Employee Ded HR 0058400 1,194.10	

Check	Payee / Description	Amount
	IEUA GENERAL EMPLOYEES ASSOCIAS	1,194.10
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 16 8/3/17 Employee Ded	510.00
	IEUA PROFESSIONAL EMPLOYEES ASS	510.00
ACH	DISCOVERY BENEFITS INC P/R 16 8/3/17 Cafeteria Plan	3,178.93
	DISCOVERY BENEFITS INC	3,178.93
ACH	AQUA BEN CORPORATION RP1-16,100 Lbs Polymer 750A	21,608.36
	RP1-16,100 Lbs Polymer 750A	21,608.36
	AQUA BEN CORPORATION	43,216.72
ACH	HASCO OIL COMPANY, INC. RP5-Mobilux EP-2	867.41
	HASCO OIL COMPANY, INC.	867.41
ACH	NAPA GENUINE PARTS COMPANY 1 Quart Syngear Oil 75-90	164.08
	NAPA GENUINE PARTS COMPANY	164.08
ACH	UNIVAR USA INC CCWRP-12,365 Lbs Sodium Bisulfite	2,670.05
	PradoLS-12,569 Lbs Sodium Bisulfite	2,713.92
	UNIVAR USA INC	5,383.97
ACH	THATCHER COMPANY OF CALIFORNIA CCWRP-2,220 Lbs Aluminum Sulfate	189.50
	CCWRP-41,960 Lbs Aluminum Sulfate	3,585.35
	THATCHER COMPANY OF CALIFORNIA\$	3,774.85
ACH	MCMASTER-CARR SUPPLY CO SS Rotary Shaft, Sleeve Bearing, Shaft Col	492.96
	Embossed Plate, Number and Message	12.49
	MCMASTER-CARR SUPPLY CO	505.45
ACH	BENTLY NEVADA LLC Cable, Rail Mount, Rail End	238.81
	BENTLY NEVADA LLC	238.81
ACH	SUNGARD AVAILABILITY SERVICES 7/17 Disaster Recovery Svc	4,152.00
	SUNGARD AVAILABILITY SERVICES \$	4,152.00
ACH	OLIN CORP RP4-1,996 Gals Sodium Hypochlorite	1,137.72

Check	Payee / Description	Amount
	TP1-4,984 Gals Sodium Hypochlorite 2362976	2,840.88
	TP1-4,948 Gals Sodium Hypochlorite 2362975	2,820.36
	TP1-4,930 Gals Sodium Hypochlorite 2363325	2,810.10
	RP4-1,978 Gals Sodium Hypochlorite 2363492	1,127.46
	TP1-4,900 Gals Sodium Hypochlorite 2363493	2,793.00
	RP5-4,910 Gals Sodium Hypochlorite 2363494	2,798.70
	TP1-4,970 Gals Sodium Hypochlorite 2363495	2,832.90
	CCWRP-4,998 Gals Sodium Hypochlorite 2364069	2,848.86
	RP4-2,032 Gals Sodium Hypochlorite 2362973	1,158.24
	TP1-4,922 Gals Sodium Hypochlorite 2362972	2,805.54
	TP1-4,968 Gals Sodium Hypochlorite 2362370	2,831.76
	RP5-4,956 Gals Sodium Hypochlorite 2361771	2,824.92
	RP4-2,026 Gals Sodium Hypochlorite 2361770	1,154.82
	TP1-4,950 Gals Sodium Hypochlorite 2361078	2,821.50
	CCWRP-4,948 Gals Sodium Hypochlorite 2361077	2,820.36
	TP1-4,964 Gals Sodium Hypochlorite 2360777	2,829.48
	RP4-2,002 Gals Sodium Hypochlorite 2360776	1,141.14
	TP1-4,928 Gals Sodium Hypochlorite 2360125	2,808.96
	OLIN CORP \$	45,206.70
ACH	SAP AMERICA INC BIS-7/5-7/7 Trng-CM-ADM315 7008363149	2,010.00
	SAP AMERICA INC \$	2,010.00
ACH	KOPP ILLUSTRATION, INC. CCWRP-Birds Eye Infographic Map 00002120	6,000.00
	KOPP ILLUSTRATION, INC. \$	6,000.00
ACH	VELODYNE Start Up f/Liquid Polymer Blending Unit 0000019872-2	5,030.00
	VELODYNE \$	5,030.00
ACH	WEST COAST ADVISORS 7/17 Prof Svcs 10784	9,800.00
	WEST COAST ADVISORS \$	9,800.00
ACH	SOLAR STAR CALIFORNIA V LLC RP1-6/1-6/30 2450 Phila St M0616-1301082	4,207.17
	RP1-6/1-6/30 2450 Phila St M0615-1301081	18,646.05
	SOLAR STAR CALIFORNIA V LLC \$	22,853.22
ACH	IEUA EMPLOYEES' ASSOCIATION P/R DIR 08 8/11/17 Ded HR 0059100	12.00
	IEUA EMPLOYEES' ASSOCIATION \$	12.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 15 7/21/17 Employee Ded Adjustment 7/21/17 ADJ	25.00
	IEUA GENERAL EMPLOYEES ASSOCIAS \$	25.00
ACH	Inland Empire Reg. Composting Reim-EnerNOC Rebate Check Sent to IEUA 10-12/16 ENER	3,031.61

Check	Payee / Description	Amount
	Inland Empire Reg. Composting \$	3,031.61
ACH	ICMA RETIREMENT TRUST 457 P/R 17 8/18 Deferred Comp Ded HR 0059200	14,954.78
	ICMA RETIREMENT TRUST 457 \$	14,954.78
ACH	LINCOLN NATIONAL LIFE INS CO P/R 17 8/18 Deferred Comp Ded P/R 17 8/18 P/R 17 8/18 Deferred Comp Ded HR 0059200	50.00 21,676.81
	LINCOLN NATIONAL LIFE INS CO \$	21,726.81
ACH	ICMA RETIREMENT TRUST 401 P/R 17 8/18 Exec Deferred Comp HR 0059200	8,642.93
	ICMA RETIREMENT TRUST 401 \$	8,642.93
ACH	AQUA BEN CORPORATION RP1-16,100 Lbs Polymer 750A 36107 DAFT-9,200 Lbs Polymer 748E 36106 DAFT-4,600 Lbs Polymer 748E 36087 RP1-16,100 Lbs Polymer 750A 36088 RP1-16,100 Lbs Polymer 750A 36063 DAFT-4,600 Lbs Polymer 748E 36062	21,608.36 8,128.66 4,064.33 21,608.36 21,608.36 4,064.33
	AQUA BEN CORPORATION \$	81,082.40
ACH	EMEDCO INC Custom Sign 9334632922	527.87
	EMEDCO INC \$	527.87
ACH	OLIN CORP RP1-4,968 Gals Sodium Hypochlorite 2365416 RP4-2,020 Gals Sodium Hypochlorite 2367583 RP4-2,028 Gals Sodium Hypochlorite 2366882 RP2-1,792 Gals Sodium Hypochlorite 2366883 TP1-4,890 Gals Sodium Hypochlorite 2367582 TP1-4,968 Gals Sodium Hypochlorite 2366881 TP1-4,908 Gals Sodium Hypochlorite 2366577 CCWRP-4,910 Gals Sodium Hypochlorite 2366576 RP4-2,034 Gals Sodium Hypochlorite 2365979 TP1-4,900 Gals Sodium Hypochlorite 2364772 TP1-5,002 Gals Sodium Hypochlorite 2365417 RP5-4,974 Gals Sodium Hypochlorite 2365415	2,831.76 1,151.40 1,155.96 1,021.44 2,787.30 2,831.76 2,797.56 2,798.70 1,159.38 2,793.00 2,851.14 2,835.18
	OLIN CORP \$	27,014.58
ACH	US BANK - PAYMENT PLUS 107432 PMC ENGINEERING LLC 2200084271 100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200084084 100319 MISSION REPROGRAPHICS 2200084085 100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200084033 101123 ALL AMERICAN CRANE MAINTENANCE 2200084086 101706 CALOLYMPIC SAFETY 2200084269 100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200084268 107432 PMC ENGINEERING LLC 2200084088	790.95 283.03 59.91 4,663.37 1,504.00 223.08 287.35 885.90

Check	Payee / Description	Amount
101945	FLORENCE FILTER CORP 2200084087	2,324.03
	US BANK - PAYMENT PLUS \$	11,021.62
ACH	AMAZON BUSINESS	
	Telephone Shoulder Rest 014K-4WY4-1MJ	54.56
	Telephone Shoulder Rest 1M73-C743-DK6	40.56
	Forest Green Gloves, Spring Green Gloves 11Y7-FT4R-THW	57.53
	Label Tape, AA Bateries 19Q4-GHRX-JG3	45.64
	Ugly's Electrical References 1M73-C743-VTR	242.25
	Ergotron WorkFit-S Dual with Worksurface 1K1M-H9XR-4GX	549.53
	Label Tape, AA Bateries 14YC-RM36-1H3	45.64
	Ugly's Electrical References 0TJS-TQBQ-GH9	242.25
	7 Cisco IP Phones 073F-5VWL-9R7	595.00
	6 Lock Out Boxes, 4 Lock In Chain 0CYC-JRGY-9HW	862.04
	Febco Rubber Parts Repair Kit 073F-5VWL-9FM	320.72
	2 Operation of Water Resource Recovery M 05YB-RVJ8-PCD	418.18
	2 Treatment and Resource Recovery 0P5C-6YV3-3M4	339.76
	3 Cisco IP Phones 014K-4WY4-COV	255.00
	2 Miniview Micro 0CYC-JRGY-9V9	62.38
	AMAZON BUSINESS \$	2,260.02
ACH	IEUA EMPLOYEES' ASSOCIATION	
	P/R 17 8/18 Employee Ded HR 0059200	186.00
	IEUA EMPLOYEES' ASSOCIATION \$	186.00
ACH	IEUA SUPERVISORS UNION ASSOCIA	
	P/R 17 8/18 Employee Ded HR 0059200	315.00
	IEUA SUPERVISORS UNION ASSOCIAS	315.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA	
	P/R 17 8/18 Employee Ded HR 0059200	1,181.60
	P/R 17 8/18 Employee Ded P/R 17 8/18	12.50
	IEUA GENERAL EMPLOYEES ASSOCIAS	1,194.10
ACH	IEUA PROFESSIONAL EMPLOYEES AS	
	P/R 17 8/18 Employee Ded HR 0059200	510.00
	IEUA PROFESSIONAL EMPLOYEES ASS	510.00
ACH	DISCOVERY BENEFITS INC	
	P/R 17 8/18 Cafeteria Plan HR 0059200	3,178.93
	DISCOVERY BENEFITS INC \$	3,178.93
ACH	Inland Empire Reg. Composting	
	5/17 O&M Expenses SAP0517-IEUAO	780.26
	5/17 O&M Expenses SAP0617-IEUAO	128.00
	Inland Empire Reg. Composting \$	908.26
ACH	AQUA BEN CORPORATION	
	RP1-16,100 Lbs Polymer 750A 36145	21,608.36
	DAFT-6,900 Lbs Polymer 748E 36144	6,096.50
	RP2-23,8000 Lbs Polymer 748E 36131	20,321.65

Check	Payee / Description	Amount
	AQUA BEN CORPORATION	\$ 48,026.51
ACH	NAPA GENUINE PARTS COMPANY 2 Batteries, 2 Core Deposits 4584-230082	587.43
	NAPA GENUINE PARTS COMPANY	\$ 587.43
ACH	SANTA ANA WATERSHED 17/18 Member District Fees 9100	288,423.00
	SANTA ANA WATERSHED	\$ 288,423.00
ACH	MCMASTER-CARR SUPPLY CO 1 Plastic Barbed Hose Fitting 44070521 8.21 2 SS Filter Housings 43351587 424.69 4 SS Cam and Groove Hose Coupling 43764015 158.47 260 Piece SS Slotted Shim Set 43801187 613.20	
	MCMASTER-CARR SUPPLY CO	\$ 1,204.57
ACH	AGRICULTURAL RESOURCES 9/17 Wtr Quality Consult 9/17 WTR QLTY	3,500.00
	AGRICULTURAL RESOURCES	\$ 3,500.00
ACH	GK & ASSOCIATES INC 46-2054-6/17 Prof Svcs 17-046 30,927.00 46-2054-6/17 Prof Svcs 17-044 13,760.00 46-2054-6/17 Prof Svcs 17-043 21,472.00 46-2054-6/17 Prof Svcs 17-045 16,016.00	
	GK & ASSOCIATES INC	\$ 82,175.00
ACH	EPI-USE LABS LLC 8/28/17-8/27/18 HCM Annual Maintenance F INV-US3773	1,858.76
	EPI-USE LABS LLC	\$ 1,858.76
ACH	KEMP BROS CONSTRUCTION INC EN15008-7/17 Pay Est 11 PE 11-EN15008	456,862.22
	KEMP BROS CONSTRUCTION INC	\$ 456,862.22
ACH	AMAZON BUSINESS HP642A Black LaserJet Toner 1YNQ-MT97-MLH 339.98 Dual Ear Headset Headphones 1TTH-CV6F-D97 51.00 1 Box M Gloves 1TTH-CV6F-MMV 67.95 9 Macroreer Transceiver Module—Return 1K1M-H9XR-6G9 203.31 Forest Green Gloves, Spring Green Gloves 14YC-RM36-J6N 57.53 Ergotron WorkFit-S Dual with Worksurface 19GQ-NKHT-FK7 549.53	
	AMAZON BUSINESS	\$ 862.68
ACH	FOUNDATION HA ENERGY GENERATIO RP4/RWPS-7/1-7/31 12811 6th St-Wind Powe 2230	2,996.25
	FOUNDATION HA ENERGY GENERATIO	\$ 2,996.25

Check	Payee / Description	Amount
ACH	PREFERRED BENEFIT INSURANCE 8/17 Agency Dental Plan EIA21663	15,910.90
	PREFERRED BENEFIT INSURANCE \$	15,910.90
ACH	DISCOVERY BENEFITS INC July 2017 Admin Fees 0000783502-IN	161.50
	DISCOVERY BENEFITS INC \$	161.50
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
	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

Check	Payee / Description	Amount
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
	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

Check	Payee / Description	Amount
	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 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

Check	Payee / Description	Amount
	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
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	

Check	Payee / Description	Amount
	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 309.19
	TOL, HAROLD	\$ 309.19
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

Check	Payee / Description	Amount
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
	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

Check	Payee / Description	Amount
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
	MOE, JAMES	\$ 22.24
ACH	POLACEK, KEVIN Reim Monthly Health Prem	HEALTH PREM 746.06
	POLACEK, KEVIN	\$ 746.06
ACH	ELROD, SONDRAL Reim Monthly Health Prem	HEALTH PREM 286.95
	ELROD, SONDRAL	\$ 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

Check	Payee / Description	Amount
	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 605.39
	LANGNER, CAMERON	\$ 605.39
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 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

Check	Payee / Description	Amount
	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
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	

Check	Payee / Description		Amount
	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	445.89
	PACE, BRIAN	\$	445.89
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
ACH	BAXTER, KATHLEEN Reim Monthly Health Prem	HEALTH PREM	286.95
	BAXTER, KATHLEEN	\$	286.95
ACH	AQUA BEN CORPORATION RP1-16,100 Lbs Polymer 750A DAFT-6,900 Lbs Polymer 748E	36182 36181	21,608.36 6,096.50
	AQUA BEN CORPORATION	\$	27,704.86
ACH	HASCO OIL COMPANY, INC. RP1-Mobil SHC 630 RP5-Mobil SHC 630	0212296-IN 0212389-IN	968.02 4,052.63
	HASCO OIL COMPANY, INC.	\$	5,020.65
ACH	NAPA GENUINE PARTS COMPANY Battery, Solar Battery Charger, Care Depos 12 Air Filters	4584-230564 4584-231087	248.80 260.58
	NAPA GENUINE PARTS COMPANY	\$	509.38
ACH	UNIVAR USA INC RP5-14,650 Lbs Sodium Bisulfite TP1-14,902 Lbs Sodium Bisulfite	LA560820 LA561994	3,163.34 3,217.88
	UNIVAR USA INC	\$	6,381.22
ACH	MCMaster-CARR SUPPLY CO		

Check	Payee / Description	Amount
	Plastic Pipe Fittings, Worm Drive Clamps 44239061	33.85
	SS Snap, SS Chain, Oval Threaded Link, SS U 44356548	272.53
	Impact Bit Socket Set 44463271	306.42
	MCMaster-CARR SUPPLY CO \$	612.80
ACH	ALFA LAVAL INC	
	RP1-Airfare, Overtime Labor 277754258	1,377.08
	RP1-4 Day Labor Rate 277754261	7,200.00
	ALFA LAVAL INC \$	8,577.08
ACH	PEST OPTIONS INC	
	July 2017 Weed Abatement Services 280926	3,074.31
	PEST OPTIONS INC \$	3,074.31
ACH	OLIN CORP	
	TP1-4,860 Gals Sodium Hypochlorite 2374110	2,770.20
	RP4-2,002 Gals Sodium Hypochlorite 2372171	1,141.14
	TP1-4,918 Gals Sodium Hypochlorite 2372170	2,803.26
	CCWRP-4,992 Gals Sodium Hypochlorite 2371369	2,845.44
	TP1-4,908 Gals Sodium Hypochlorite 2371368	2,797.56
	RP5-4,932 Gals Sodium Hypochlorite 2370844	2,811.24
	TP1-4,970 Gals Sodium Hypochlorite 2374415	2,832.90
	TP1-4,672 Gals Sodium Hypochlorite 2374550	2,663.04
	TP1-4,750 Gals Sodium Hypochlorite 2374551	2,707.50
	RP5-4,974 Gals Sodium Hypochlorite 2372825	2,835.18
	RP4-1,980 Gals Sodium Hypochlorite 2375146	1,128.60
	RP5-4,924 Gals Sodium Hypochlorite 2368396	2,806.68
	CCWRP-4,944 Gals Sodium Hypochlorite 2368395	2,818.08
	RP4-4,974 Gals Sodium Hypochlorite 2372824	2,835.18
	CCWRP-4,982 Gals Sodium Hypochlorite 2374109	2,839.74
	TP1-4,896 Gals Sodium Hypochlorite 2370688	2,790.72
	RP4-1,494 Gals Sodium Hypochlorite 2370363	851.58
	CCWRP-4,880 Gals Sodium Hypochlorite 2362974	2,781.60
	RP4-2,007 Gals Sodium Hypochlorite 2372826	1,143.93
	TP1-4,960 Gals Sodium Hypochlorite 2370362	2,827.20
	CCWRP-4,938 Gals Sodium Hypochlorite 2370361	2,814.66
	TP1-4,958 Gals Sodium Hypochlorite 2373473	2,826.06
	TP1-4,922 Gals Sodium Hypochlorite 2369788	2,805.54
	RP4-2,004 Gals Sodium Hypochlorite 2369077	1,142.28
	RP4-1,986 Gals Sodium Hypochlorite 2374111	1,132.02
	OLIN CORP \$	59,751.33
ACH	SIEMENS INDUSTRY INC	
	Ultrasonic Level Controller 5601823445	1,670.51
	Flow Meters 5601823446	4,621.51
	SIEMENS INDUSTRY INC \$	6,292.02
ACH	TRIBOLOGIK CORPORATION	
	Oil Analysis 35320	30.00
	Oil Analysis 34582	90.00
	Oil Analysis 34581	90.00
	Oil Analysis 35318	30.00
	Oil Analysis 35317	90.00
	Oil Analysis 34580	330.00

Check	Payee / Description		Amount
	Oil Analysis	34579	540.00
	Oil Analysis	34034	90.00
	Oil Analysis	34035	60.00
	Oil Analysis	34578	330.00
	TRIBOLOGIK CORPORATION	\$	1,680.00
ACH	JC LAW FIRM		
	4/17 IEUA vs Martin	00314	25.23
	7/17 IEUA vs Mwembu	00294	120.00
	JC LAW FIRM	\$	145.23
ACH	US BANK - PAYMENT PLUS		
	101706 CALOLYMPIC SAFETY	2200084833	264.52
	107852 SEAL ANALYTICAL INC	2200084475	772.57
	100150 HARRINGTON INDUSTRIAL PLASTICS LL	2200084510	539.17
	105316 PLUMBERS DEPOT INC	2200084474	6,924.16
	104896 WESTERN WATER WORKS SUPPLY CO	2200084473	185.18
	101945 FLORENCE FILTER CORP	2200084511	685.39
	104896 WESTERN WATER WORKS SUPPLY CO	2200084512	1,540.83
	105316 PLUMBERS DEPOT INC	2200085025	1,098.85
	101706 CALOLYMPIC SAFETY	2200082991	189.32
	100150 HARRINGTON INDUSTRIAL PLASTICS LL	2200084718	2,867.21
	101945 FLORENCE FILTER CORP	2200084472	686.04
	100319 MISSION REPROGRAPHICS	2200084471	74.67
	105316 PLUMBERS DEPOT INC	2200084850	18,763.61
	100319 MISSION REPROGRAPHICS	2200084822	169.45
	105213 BAVCO	2200084270	211.35
	100150 HARRINGTON INDUSTRIAL PLASTICS LL	2200084816	2,291.62
	100163 J G TUCKER & SON INC	2200084818	937.43
	100150 HARRINGTON INDUSTRIAL PLASTICS LL	2200085023	2,081.09
	US BANK - PAYMENT PLUS	\$	40,282.46
ACH	AMAZON BUSINESS		
	SanDisk Cruzer Glide 8GB	1CP4-1D4V-YPF	70.95
	Ingersoll Rand Oil Filter	1FWT-VH7K-W6C	135.64
	AA Batteries, Label Tape, Clear Tape	1GLT-L9LP-CXR	45.47
	Mechanical Pressre Switch, Vacuum Sensor	1CP4-1D4V-FDV	363.49
	AMAZON BUSINESS	\$	615.55

Grand Total Payment Amount: \$ 2,022,264.77

Attachment 4

Vendor Wires
(excludes Payroll)

Check	Payee / Description	Amount
Wire	EMPLOYMENT DEVELOPMENT DEPARTM	
	P/R 16 8/3/17 Taxes HR 0058400 53,118.28	
	P/R 16 8/3/17 Taxes HR 0058400 10,173.63	
	EMPLOYMENT DEVELOPMENT DEPARTM\$	63,291.91
Wire	EMPLOYMENT DEVELOPMENT DEPARTM	
	P/R DIR 08 8/11/17 Taxes HR 0059100 373.60	
	EMPLOYMENT DEVELOPMENT DEPARTM\$	373.60
Wire	PUBLIC EMPLOYEE'S RETIREMENT S	
	P/R 16 8/3/17 Employee Deferred Comp HR 0058400 24,040.64	
	PUBLIC EMPLOYEE'S RETIREMENT S\$	24,040.64
Wire	INTERNAL REVENUE SERVICE	
	P/R 16 8/3/17 Taxes HR 0058400 319,667.67	
	INTERNAL REVENUE SERVICE \$	319,667.67
Wire	INTERNAL REVENUE SERVICE	
	P/R DIR 08 8/11/17 Taxes HR 0059100 2,337.97	
	INTERNAL REVENUE SERVICE \$	2,337.97
Wire	STATE DISBURSEMENT UNIT	
	P/R 16 8/3/17 HR 0058400 1,145.06	
	P/R 16 8/3/17 HR 0058400 198.00	
	STATE DISBURSEMENT UNIT \$	1,343.06
Wire	PUBLIC EMPLOYEES RETIREMENT SY	
	P/R Off Cycle 6/12/17 Taxes HR 0056300 554.69	
	PUBLIC EMPLOYEES RETIREMENT SY\$	554.69
Wire	STATE BOARD OF EQUALIZATION	
	7/17 Sales Tax Deposit 23784561 7/17 10,050.00	
	STATE BOARD OF EQUALIZATION \$	10,050.00
Wire	PUBLIC EMPLOYEES RETIREMENT SY	
	P/R 16 8/03/17 PERS Adj-Incorrect Rate i HR 0058400000 110,295.16	
	P/R 16 8/03/17 PERS HR 0058400 283,181.56	
	PUBLIC EMPLOYEES RETIREMENT SY\$	172,886.40
Wire	PUBLIC EMPLOYEES' RETIREMENT S	
	8/17 Health Ins-Board 15013889 8/17 5,414.96	
	8/17 Health Ins-Retirees, Employees 15013885 8/17 251,636.38	
	PUBLIC EMPLOYEES' RETIREMENT S\$	257,051.34
Wire	CALPERS	
	CALPERS Retirement Unfunded Liability FY 082117 4,500,000.00	
	CALPERS \$	4,500,000.00

Check	Payee / Description		Amount
Wire	CALPERS GASB-68 Reports & Schedules	1000000150221	2,500.00
	CALPERS	\$	2,500.00
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 17 8/18 Taxes	HR 0059200	53,709.23
	P/R 17 8/18 Taxes	HR 0059200	10,005.96
	P/R 17 8/18 Taxes	P/R 17 8/18	87.36
	EMPLOYMENT DEVELOPMENT DEPARTM\$		63,802.55
Wire	INTERNAL REVENUE SERVICE P/R 17 8/18 Taxes	HR 0059200	320,042.91
	P/R 17 8/18 Taxes	P/R 17 8/18	775.26
	INTERNAL REVENUE SERVICE	\$	320,818.17
Wire	STATE DISBURSEMENT UNIT P/R 17 8/18	HR 0059200	1,145.06
	P/R 17 8/18	HR 0059200	198.00
	STATE DISBURSEMENT UNIT	\$	1,343.06
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 17 8/18 Deferred Comp Ded	HR 0059200	22,075.60
	PUBLIC EMPLOYEE'S RETIREMENT S\$		22,075.60
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 17 8/18/17 PERS Adj-Incorrect Rate i	HR 0059200000	110,552.81
	P/R 17 8/18 PERS	HR 0059200	284,609.45
	P/R 17 8/18 PERS	P/R 17 8/18	749.77
	PUBLIC EMPLOYEES RETIREMENT SY\$		174,806.41
Wire	METROPOLITAN WATER DISTRICT June 2017 Water Purchase	9062	3,151,383.67
	METROPOLITAN WATER DISTRICT	\$	3,151,383.67

Grand Total Payment Amount: \$ 9,088,326.74

Attachment 5

Payroll-Net Pay-Directors

INLAND EMPIRE UTILITIES AGENCY

RATIFICATION OF BOARD OF DIRECTORS

PAYROLL FOR AUGUST 11, 2017
PRESENTED AT BOARD MEETING ON OCTOBER 18, 2017

DIRECTOR NAME	GROSS PAYROLL	NET PAYROLL
MICHAEL CAMACHO	\$4,156.54	\$1,579.67
STEVEN ELIE	\$3,783.22	\$958.49
JASMIN HALL	\$2,849.92	\$1,770.08
PAUL HOFER	\$0.00	\$0.00
KATHERINE PARKER	\$2,944.29	\$1,186.69
TOTALS	\$13,733.97	\$5,494.93

TOTAL EFTS PROCESSED	2
BEGINNING CHECK NO.	110006
ENDING CHECK NO.	110007
TOTAL CHECKS PROCESSED	2

IEUA DIRECTOR PAYSHEET

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-05-17	Mtg. W/ B. Boccock re: non-ag storage & unincorporated areas in Fontana and Rancho Cucamonga.	Yes	\$247.50
07-06-17	IEUA Special Board Meeting	Yes (Telecon)	\$247.50
07-12-17	Engineering, Operations and Water Resources Committee	Yes	\$247.50
07-13-17	Bfst. Mtg. with CVWD O. Gonzalez re: Heritage Village/RW	Yes	\$247.50
07-19-17	IEUA Board Meeting	No	\$-0-
07-24-17	IEUA Facilities Tour w/Fontana Councilmember J. Amendarez	Yes	\$247.50
07-27-17	Bfst. Mtg. with CVWD O. Gonzalez re: Heritage Village/RW	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings)			\$1,485.00
Total No. of Meetings Attended			7
Total No. of Meetings Paid			6

DIRECTOR
SIGNATURE



Approved by:

 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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-10-17	MWD Standing Committee	Yes	\$247.50
07-11-17	MWD Standing Committee Meetings and Board Meeting	Yes	\$247.50
07-25-17	MWD other Committee Meetings	Yes	\$247.50
07-26-17	MWD Real Property Committee review w/Lilly & Feedy fr. MWD	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings)			\$990.00
Total No. of Meetings Attended			4
Total No. of Meetings Paid			4

DIRECTOR
SIGNATURE



Approved by:



Steven J. Eke
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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-27-17	Regional Policy Committee Meeting.	No	\$-0-
TOTAL REIMBURSEMENT			
Up to 10 days of service per month per Ordinance No. 105 (total amount of \$247.50, should reflect on timesheet)			\$-0-
Total No. of Meetings Attended			0
Total No. of Meetings Paid			0

**DIRECTOR
SIGNATURE**



Approved by:



Steven J. Elie
President, Board of Directors

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

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-6-17	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 \$247.50), including Agency meetings			
Total No. of CDA Meetings Attended			0
Total No. of CDA Meetings Paid			0

DIRECTOR
SIGNATURE _____

Approved by: Jasmin A. Hall
Jasmin Hall
Secretary/Treasurer

**DIRECTOR PAYSHEET FOR IEUA
ON WATERMASTER BOARD**

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-24-17	CBWM Special Board Meeting (Telecon)	Yes*	\$-0-
07-27-17	CBWM Board Meeting	Yes*	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (i.e., \$122.50 – difference between Watermaster \$125.00 and Agency meetings \$247.50), including District meetings			\$-0-
Total No. of Watermaster Meetings Attended			2
Total No. of Watermaster Meetings Paid			0

*Decline IEUA portion

DIRECTOR SIGNATURE _____

Approved by: Jasmin Hall
Jasmin Hall
Secretary/Treasurer

IEUA DIRECTOR PAYSHEET

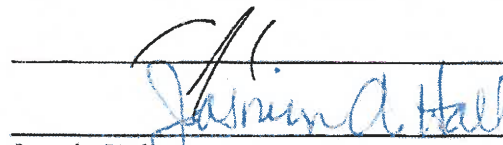
STEVEN J. ELIE
 EMPLOYEE NO. 1175
 ACCOUNT NO. 10200 110100 100000 501010

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-06-17	IEUA Special Board Meeting	Yes	\$247.50
07-18-17	Ribbon Cutting Ceremony for Pinehurst Park in Chino Hills	Yes	\$247.50
07-19-17	Lab Building Topping Off Ceremony	Yes (same day)	\$-0-
07-19-17	IEUA Board Meeting	Yes	\$247.50
07-21-17	IEUA Facility Tour w/Assembly Member E. Reyes & IEUA staff	Yes	\$247.50
07-25-17	Upper Watershed Lunch Meeting w/Presidents & GMs	Yes	\$247.50
07-28-17	Interview meeting with Professor William Blomquist, re Chino Basin management	Yes (same day)	\$-0-
07/28/17	SCWC Quarterly Meeting	Yes	\$247.50
07-31-17	Retirement Celebration for Eunice Ulloa	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105)			\$1,732.50
Total No. of Meetings Attended			9
Total No. of Meetings Paid			7

DIRECTOR
SIGNATURE

Approved by:



 Jasmin Hall
 Secretary/Treasurer

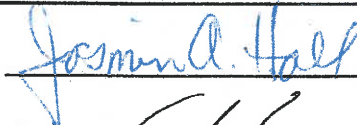
IEUA DIRECTOR PAYSHEET

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


JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-06-17	IEUA Special Board Meeting	Yes (same day)	\$-0-
07-11-17	Meeting w/C Young, West Valley Water, Duncan Canyon	Yes	\$247.50
07-12-17	Finance & Administration Committee	Yes	\$247.50
07-17-17	CASA Board Meeting (Telecon)	Yes	\$247.50
07-17-17	ASBCD Dinner meeting	Yes (same day)	\$-0-
07-19-17	Lab Building Topping Off Ceremony	Yes (same day)	\$-0-
07-19-17	IEUA Board Meeting	Yes	\$247.50
07-19-17	IEUA Employee Appreciation Picnic & STAR Awards	Yes (same day)	\$-0-
07-21-17	Facility Tour w/ Assembly Member E. Reyes	Yes	\$247.50
7-22-17	Assembly Member F. Rodriguez Community BBQ	Yes	\$247.50
7-22-17	First Annual 30/30, Assembly Member E. Reyes	Yes (same day)	\$-0-
7-24-17	Facility Tour w/Council Member J. Amendarez	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105)			\$1,732.50
Total No. of Meetings Attended			12
Total No. of Meetings Paid			7

DIRECTOR
SIGNATURE



Approved by:



Steven J. Elie, President, Board of Directors

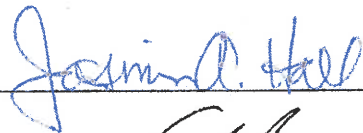
DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-04-17	SAWPA Commission Workshop	Cancelled	\$-0-
07-07-17	Meeting w/R. Haller re: SAWPA business	Yes	\$47.50
07-18-17	SAWPA Reg. Commission Meeting	Yes	\$47.50
07-20-17	Meeting w/SAWPA Senior Watershed Manager	Yes (10 mtg. max.)	\$-0-
TOTAL REIMBURSEMENT			\$95.00
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$47.50 -- difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$247.50), including Agency meetings			
Total No. of SAWPA Meetings Attended			3
Total No. of SAWPA Meetings Paid			2

DIRECTOR
SIGNATURE



Approved by:

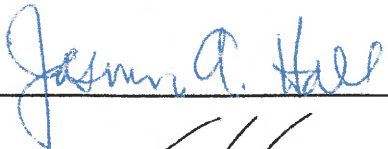

Steven J. Elie
President, Board of Directors

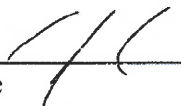
**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY**

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-06-17	CDA Board Meeting	Yes	\$247.50
06-08-17	CDA Board Meeting (payment from CDA)	Yes	\$150.00
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (\$247.50 excludes alternate) including Agency meetings			\$397.50
Total No. of CDA Meetings Attended			1 + 1 (June mtg.)
Total No. of CDA Meetings Paid			1 + 1 (June mtg.)

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 REPRESENTATIVE
ON REGIONAL POLICY COMMITTEE**

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-27-17	Regional Policy Committee Meeting	Yes	\$247.50
TOTAL REIMBURSEMENT			
Up to 10 days of service per month per Ordinance No. 105 (total amount of \$247.50, should reflect on timesheet)			\$247.50
Total No. of Meetings Attended			1
Total No. of Meetings Paid			1

**DIRECTOR
SIGNATURE**

*April Woodhull for
Director Parker*

Approved by:



Steven J. Elie
President, Board of Directors

IEUA DIRECTOR PAYSHEET

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-06-17	IEUA Special Board Meeting	Yes	\$247.50
07-12-17	Skype Training with staff (W.To)	Yes (staff)	\$-0-
07-12-17	Engineering, Operations & Water Resources Committee	Yes	\$247.50
07-19-17	Lab Building Topping Off Ceremony	Yes (same day)	\$-0-
07-19-17	IEUA Board Meeting	Yes	\$247.50
07-19-17	IEUA Employee Appreciation Picnic & STAR Awards	Yes	\$-0-
07-31-17	Retirement Celebration for Eunice Ulloa	Yes	\$247.50
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (i.e., \$47.50 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$247.50), including Agency meetings			\$990.00
Total No. of Meetings Attended			7
Total No. of Meetings Paid			4

DIRECTOR SIGNATURE *April Woodruff for Director Parker*

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

DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION (ALTERNATE)

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-04-17	SAWPA Commission Workshop	Cancelled	\$-0-
07-18-17	SAWPA Regular Commission Meeting	Yes	\$47.50
07-31-17	SAWPA Special Meeting	Yes (same day)	\$-0-
TOTAL REIMBURSEMENT			\$47.50
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$47.50 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$247.50), including Agency meetings			
Total No. of SAWPA Meetings Attended			2
Total No. of SAWPA Meetings Paid			1

DIRECTOR SIGNATURE *Kati Woodruff for Director Parker*

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

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

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

JULY 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
07-27-17	CBWM Board Meeting (Alt.)	Yes (same day)	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (i.e., \$97.50 – difference between Watermaster \$125.00 and Agency meetings \$247.50), including Agency meetings			\$-0-
Total No. of Watermaster Meetings Attended			1
Total No. of Watermaster Meetings Paid			0

DIRECTOR
SIGNATURE

[Handwritten Signature]
Director Parker

Approved by: _____

[Handwritten Signature]
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.

Attachment 6

Payroll-Net Pay-Employees

ber	PP 16 Checks	PP 16 EFTs	PP 17 Checks	PP 17 EFTs	August
	\$0.00	\$716,694.96	\$0.00	\$718,750.30	\$1,435,445.26

INLAND EMPIRE UTILITIES AGENCY

PAYROLL FOR AUGUST 4, 2017

PRESENTED AT BOARD MEETING ON OCTOBER 18, 2017

GROSS PAYROLL COSTS	\$1,311,550.42
DEDUCTIONS	(\$594,855.46)
NET PAYROLL	<u>\$716,694.96</u>

CHECKS USED	
TOTAL CHECKS PROCESSED	0
PAYROLL DIRECT DEPOSIT PROCESSED	367
TOTAL PAYROLL PROCESSED	<u>\$367</u>

INLAND EMPIRE UTILITIES AGENCY

PAYROLL FOR AUGUST 18, 2017

PRESENTED AT BOARD MEETING ON OCTOBER 18, 2017

GROSS PAYROLL COSTS	\$1,311,038.89
DEDUCTIONS	(\$592,288.59)
NET PAYROLL	<u>\$718,750.30</u>
CHECKS USED	
TOTAL CHECKS PROCESSED	0
PAYROLL DIRECT DEPOSIT PROCESSED	364
TOTAL PAYROLL PROCESSED	<u>\$364</u>

**CONSENT
CALENDAR
ITEM**

2C



Date: October 18, 2017

To: The Honorable Board of Directors
Committee: Finance & Administration

From: P. Joseph Grindstaff, General Manager

10/11/17

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

Subject: Adoption of a Resolution for a State Department of Parks and Recreation (DPR)
Outdoor Environmental Education Facilities Grant Program

Executive Summary:

The Chino Creek Wetlands and Educational Park, consists of 22 acres that are landscaped with a wide variety of California friendly trees and grasses. Key components of the park are the community education elements about the value of conservation and importance of wetlands in our environment, which weave throughout the site. The project is made up of two phases to integrate different project elements that will improve the quality of community visits. Phase I will include the construction of three freestanding structures with interpretive signage. Phase II will incorporate a trailhead restroom/storage facility and the construction of a pervious concrete parking lot. The additional facilities will provide the park with larger interpretive areas and open-space areas to demonstrate the restoration and conservation benefits, allowing the park to bring together nature education and natural science with the public role in preventing pollution and protecting the river habitats.

This grant application will request \$500,000 to support the total estimated Phase I project cost of \$810,800. The State Department of Parks and Recreation (DPR) mandates that an official resolution be adopted by the applicant's Board of Directors to apply for and enter into a financial assistance agreement under the Program.

Staff's Recommendation:

1. Adopt Resolution No. 2017-10-1, authorizing IEUA to apply for and enter into a financial assistance agreement with the DPR for the Outdoor Environmental Education Facilities Grant Program; and
2. Authorize the General Manager or his designee to prepare the necessary data, conduct investigations, file such application, execute a funding agreement and any amendments thereto, and sign invoices with DPR.

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

Account/Project Name:

Project No. EN21002

Fiscal Impact (explain if not budgeted):

The proposed grant funding portion from DPR is \$500,000 for the construction cost of the project. Matching funds are not required for this grant opportunity, however there are funds budgeted in the TYCIP under Project No. EN21002. Upon award of funding, the annual project appropriations will be revised to reflect the grant funding.

Full account coding (internal AP purposes only):

- - -
- - -

Project No.:

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.

Business Goal:

This action supports IEUA's mission to protect the environment and is consistent with the IEUA's mission of pursuing state and federal grants and low-interest financing.

Attachments:

Attachment 1 - PowerPoint

Attachment 2 - Resolution No. 2017-10-1

Outdoor Environmental Education Facilities Grant



**State Department of Parks and Recreation
Chino Creek Wetlands and Educational Park**

Grant Funding Information

- Proposition 40 Clean Water, Clean Air, Safe Neighborhood Parks, and Coastal Protection Act of 2004
- California Department of Parks and Recreation
- Outdoor Environmental Educational Facilities Program
- Maximum \$500,000 grant per project
- No local match funding requirement, but is encouraged
- Funding date – Approximately March 2018

Background

- Chino Creek Wetlands and Educational Park (22 acres)
- Landscaped with California friendly trees, grasses
- Five ponds with engineered wetlands habitat
- Outdoor education elements woven throughout the site
- Value of water conservation
- Importance of wetlands in our environment

Proposed Project and Site Map

Three freestanding shade structures with educational signage

CHINO CREEK WETLANDS FACILITY UPGRADES

- Picnic Area
- Pipe Garden
- Amphitheater

Cost - \$810,800

Finish - Dec. 2021

Request - \$500,000



Recommendation

- Adopt Resolution No. 2017-10-1, authorizing IEUA to apply for and enter into a financial assistance agreement with the DPR for the Outdoor Environmental Education Facilities Grant Program; and
- Authorize the General Manager or his designee to prepare the necessary data, conduct investigations, file such application, execute a funding agreement, any amendments thereto, and sign invoices with DPR.

This action supports the Agency's mission to protect the environment and is consistent with the Agency's mission of pursuing grants and low-interest financing.

RESOLUTION NO. 2017-10-1

RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, AUTHORIZING THE INLAND EMPIRE UTILITIES AGENCY TO APPLY FOR AND ENTER INTO A FINANCIAL ASSISTANCE AGREEMENT UNDER THE OUTDOOR ENVIRONMENTAL EDUCATION FACILITIES GRANT PROGRAM WITH THE STATE DEPARTMENT OF PARKS AND RECREATION AND DESIGNATING A REPRESENTATIVE TO EXECUTE THE FINANCIAL ASSISTANCE AGREEMENT, AND ANY AMENDMENTS THERETO FOR THE CHINO CREEK WETLANDS EDUCATION PARK PROGRAM

WHEREAS, the State Department of Parks and Recreation has been delegated the responsibility by the Legislature of the State of California for the administration of the Outdoor Environmental Education Facilities Grant Program, setting up necessary procedures governing the application;

WHEREAS, said procedures established by the State Department of Parks and Recreation require the Applicant to certify by resolution the approval of the application before submission of said application to the State; and

WHEREAS, successful Applicants will enter into a contract with the State of California to complete the Grant Scope project.

BE IT RESOLVED, that the Inland Empire Utilities Agency hereby: Approves the filing of an application for the **CHINO CREEK WETLANDS EDUCATION PARK PROGRAM** and;

1. Certifies that Inland Empire Utilities Agency has or will have available, prior to commencement of any work on the project included in this application, the sufficient funds to complete the project;
2. Certifies that if the project is awarded, Inland Empire Utilities Agency has or will have sufficient funds to operate and maintain the project;
3. Certifies that Inland Empire Utilities Agency has reviewed, understands, and agrees to the General Provisions contained in the contract shown in the Grant Administration Guide;
4. Delegates the authority to the General Manager to conduct all negotiations, sign and submit all documents, including, but not limited to applications, agreements, amendments, and payment requests, which may be necessary for the completion of the Grant Scope; and

5. Agrees to comply with all applicable federal, state and local laws, ordinances, rules, regulations and guidelines.

BE IT FURTHER RESOLVED, that IEUA's Board of Directors hereby adopts Resolution No. 2017-10-1 on this 18th day of October 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

* A Municipal Water District

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 No. 2017-10-1 was adopted at a regular
meeting on October 18, 2017 of said Agency* by the following vote:

AYES: Hofer, Hall, Camacho, Parker, Elie

NOES: None

ABSTAIN: None

ABSENT: None

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

2D

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources

10/11/17

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

Subject: RP-1 Mechanical Restoration and Improvements Consultant Contract Award

Executive Summary:

Regional Water Recycling Plant No.1 (RP-1) utilizes the method of conventional activated sludge to treat wastewater in three parallel secondary treatment systems. The primary goal of the project is to replace major pieces of mechanical equipment and their appurtenances, which are at the end of their useful life. All the return activated sludge (RAS) pumps, waste activated sludge (WAS) pumps, scum pumps, associated piping, valves, and flow meters in the RAS pump station buildings will be replaced in this project.

Four design consultants responded to the project solicitation and were evaluated to determine which proposal offered the best value to IEUA. A selection committee determined that Stantec Consulting Services Inc., provided the best value for this project. Stantec has the technical experience and responsiveness to make this project a success. Stantec's fee proposal is within the project budget and was determined to be comprehensive and reasonable.

Staff's Recommendation:

1. Award a consultant contract for the RP-1 Mechanical Restoration and Improvements, Project No. EN17082, to Stantec Consulting Services Inc., for the not-to-exceed amount of \$459,024; and
2. Authorize the General Manager to execute the consultant contract subject to non-substantive changes.

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

Account/Project Name:

EN17082.00/RP-1 Mechanical Restoration and Improvements 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 1 as defined in Section 15301(b) of the State CEQA Guidelines.

Business Goal:

The RP-1 Mechanical Restoration and Improvements Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

Attachments:

- Attachment 1 - Background
- Attachment 2 - PowerPoint
- Attachment 3 - Consultant Contract

Background

Subject: RP-1 Mechanical Restoration and Improvements Consultant Contract Award

Regional Water Recycling Plant No.1 (RP-1) utilizes the method of conventional activated sludge to treat wastewater in three parallel secondary treatment systems. The primary goal of the project is to replace major pieces of mechanical equipment and their appurtenances, which are at the end of their useful life. All the return activated sludge (RAS) pumps, waste activated sludge (WAS) pumps, scum pumps, associated piping, valves, and flow meters in the RAS pump station building will be replaced in this project. A portion of the digester transfer sludge pumps and thickened sludge pumps will also be evaluated and upgraded to reduce excessive maintenance due to the pumps plugging with material. Another notable project goal will include replacing the remaining RAS and WAS inefficient pump motor drives with modern premium efficiency motors.

On August 14, 2017, IEUA advertised the request for proposal on *PlanetBids*. All four consultants participated in the pre-proposal meeting on August 29, 2017. On September 14, 2017, the following proposals were received:

Consultant's Name
Stantec Consulting Services Inc
GHD
Lee & Ro, Inc.
Civiltec Engineering, Inc.

The proposals were reviewed by a selection committee consisting of IEUA staff from Engineering and Construction Management, Operations and Maintenance, and Contracts and Procurement. The proposals were evaluated based on project team qualifications and experience, understanding of the project scope, ability to meet the project schedule, and intrinsic knowledge of pump station design. Based on these criteria, the committee determined that Stantec Consulting Services Inc., provided the best value to IEUA for this project. Stantec has the technical experience, qualifications, and responsiveness to make this project a success.

The following table is the anticipated project cost:

Description	Estimated Cost
Design Services	\$688,536
Design Consultant (10%) (this action)	\$459,024
IEUA Design Services (5%)	\$229,512
Construction Services	\$ 693,743
Engineering Services During Construction (8%)	\$340,849
IEUA Construction Services (4.5%)	\$231,727
Construction Services Contingency (10%)	\$121,167
Construction	\$ 4,260,608
Construction	\$3,873,280
Contingency (10%)	\$387,328
Total Project Cost	\$5,642,887
Total Project Budget	\$ 1,515,000

The following is the project schedule:

Project Milestone	Date
Design	
Consultant Contract Award (this action)	October 2017
Design Completion	May 2018
Construction	
Construction Contract Award	September 2018
Construction Completion	December 2019

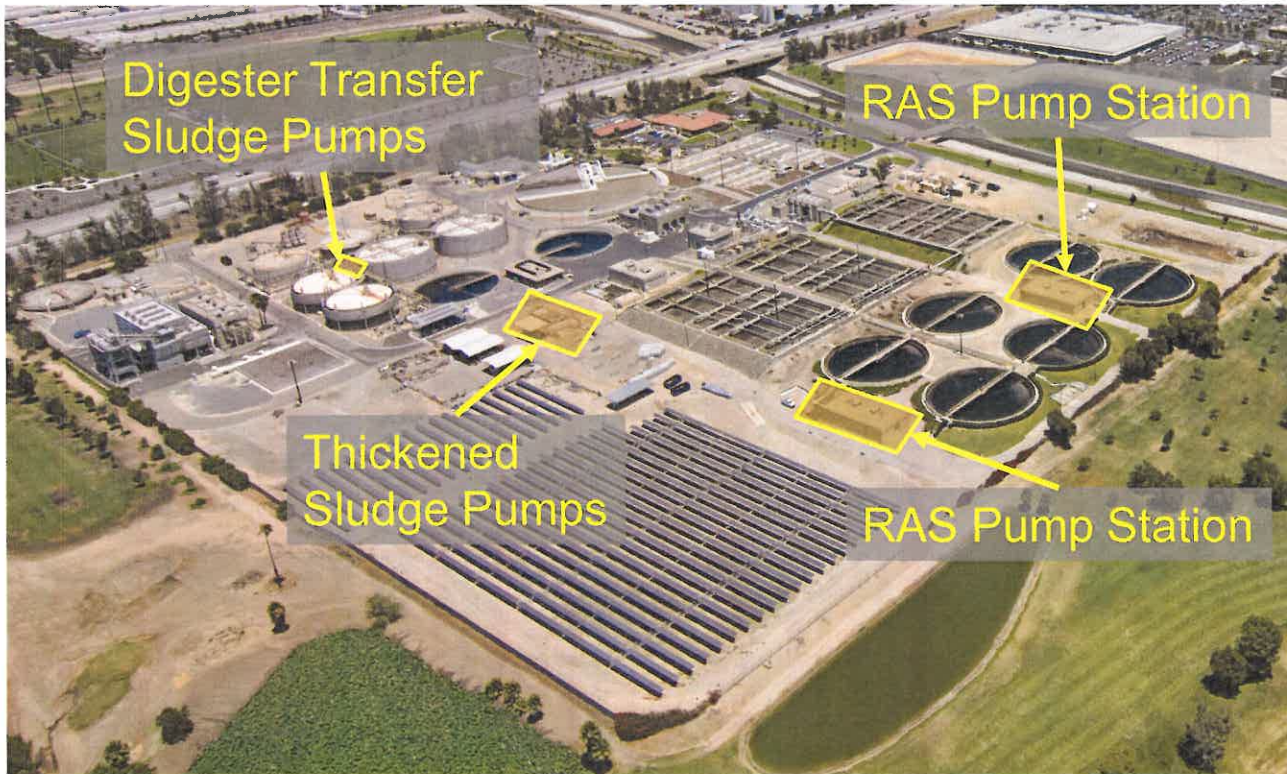
Fiscal Impact:

If approved, the design services contract for the RP-1 Mechanical Improvements Project, Project No. EN17082, in the amount of \$459,024, will be within the total project budget of \$1,515,000 in the Regional Wastewater Operations and Maintenance (10800) Fund. An anticipated amount of \$270,000 will be spent in FY 2017/18, with the remaining contract value to be spent in FY 2018/19. The current project budget will cover all project development and design services. If the project scope and priority remains consistent with the approved Project Charter, staff will request additional funding through the FY 2018/19 TYCIP for the construction contract.

RP1 Mechanical Restoration & Improvements Consultant Contract Award Project No. EN17082



Project Location



Project Background

- Secondary Treatment Systems
 - Equipment at the end of useful life
 - RAS Pump Station Buildings
 - System A and B constructed in 1978
 - System C constructed in 1991
- Solids Treatment Systems
 - Clogging issue in the sludge pumps
 - Digester transfer and thickening pumps
 - High maintenance and low reliability



RAS Pump Station Building



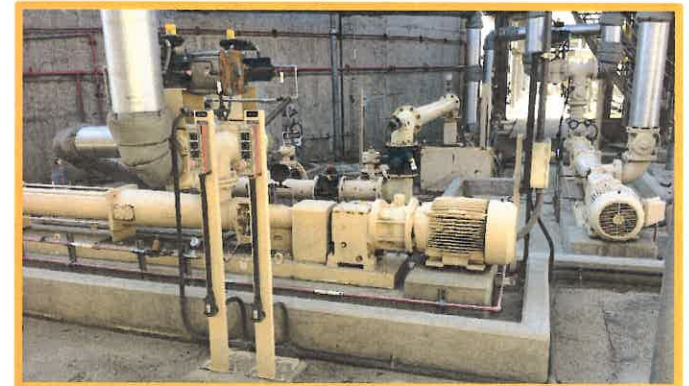
RAS Pump at End of Useful Life

Project Scope

- RAS Pump Station Buildings
 - Replace all activated sludge pumps, scum pumps, and appurtenances
 - Upgrade remaining inefficient motor drives
 - Replace old electric cabinets with new systems
 - Rehabilitate restroom, roof, and entrance doors
- Solids Treatment Systems
 - Install grinders on sludge transfer pumps
 - Evaluate alternative types of non-clog pumps



RAS Pump Equipment and Appurtenances



Digester Transfer Sludge Pump Clogging

Consultant Selection

- Evaluation and Selection Committee
 - Engineering and Construction Management Department; Operations and Maintenance; Contracts and Procurement
- Four Proposals Received on September 14, 2017

Proposals Received
Stantec Consulting Services Inc.
GHD
Lee & Ro, Inc.
Civiltec Engineering, Inc.

- Justification for unanimously selecting Stantec Consulting Services Inc.
 - Success in similar past projects
 - Comprehensive understanding of project scope and expectation

Project Budget and Schedule

Description	Estimated Cost
Design Services	\$688,536
Consultant Design Contract	\$459,024
IEUA Design Services (5%)	\$229,512
Construction Services	\$693,743
Engineering Services During Construction (8%)	\$340,849
IEUA Construction Services (4.5%)	\$231,727
Construction Services Contingency (10%)	\$121,167
Construction	\$4,260,608
Construction (estimate)	\$3,873,280
Contingency (10%)	\$387,328
Total Project Cost:	\$5,642,887
Total Project Budget:	\$1,515,000

Project Milestone	Date
Design	
Consultant Design Contract Award	October 2017
Design Completion	May 2018
Construction	
Construction Contract Award	September 2018
Construction Completion	December 2019

Recommendation

- Award a consultant contract for the RP-1 Mechanical Restoration and Improvements, Project No. EN17082, to Stantec Consulting Services Inc., for the not-to-exceed amount of \$459,024; and
- Authorize the General Manager to execute the contract subject to non-substantive changes.

The RP-1 Mechanical Restoration and Improvements Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.



CONTRACT NUMBER: 4600002418
FOR
RP-1 MECHANICAL RESTORATION
AND IMPROVEMENTS, PROJECT NO. EN17082

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 interchangeably as "IEUA" and "Agency") and Stantec Consulting Services Inc. with offices located in Irvine, California and Denver, Colorado (hereinafter referred to as "Consultant"), for professional design services in support of the RP-1 Mechanical Restoration and Improvements Project No. EN17082.

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

1. **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: John Scherck, Senior Project Manager
Address: 6075 Kimball Avenue, Building "B"
Chino, California 91708
Telephone: (909) 993-1547
Facsimile: (909) 993-1982
Email: jscherck@ieua.org

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

Consultant: Jeff Dunn, P.E., Project Manager
Address: 38 Technology Drive, Suite 100
Irvine, CA 92618-5312
Telephone: (949) 923-6974
Facsimile: (949) 923-6121
Email: jeff.dunn@stantec.com

3. **ORDER OF PRECEDENCE:** The documents referenced below represent the Contract Documents. Where any conflicts exist between the General Terms and Conditions, or addenda attached, then the governing order of precedence shall be as follows:

A. Amendments to Contract Number 4600002418

- B. Contract Number 4600002418 General Terms and Conditions.
- C. Project Manager's Request for Proposal (RFP) RFP-RW-17-012, incorporated by reference.
- D. Consultant's Proposal dated September 14, 2017, incorporated by reference.

4. **SCOPE OF WORK AND SERVICES:** Consultant's services and responsibilities shall be in accordance with Project Manager's RFP and Consultant's proposal, which are both incorporated by reference.
5. **TERM:** The term of this Contract shall extend from the date of the Notice to Proceed and terminate on December 31, 2020 unless agreed to by both parties, reduced to writing, and amended to this Contract.
6. **COMPENSATION:** Agency shall pay Consultant's once-monthly, properly-executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice. Invoices shall include the name of assigned personnel, fully-burdened hourly billing rate, dates worked, a brief description of work, as well as the Contract Number 4600002418 for payment. Payment shall be withheld for any service which does not meet Agency requirements or have proven unacceptable until such service is revised, the invoice resubmitted and accepted by the Project Manager. Consultant's original invoice shall be submitted electronically to apgroup@ieua.org. Should Consultant engage in any public works activity in excess of \$1,000.00 in billing value, Consultant shall provide with all public works invoicing certified payroll verifying that Consultant has paid prevailing wage in accordance with the Department of Industrial Relations requirements as stipulated in SB-854 [<http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html>].

In compensation for the work represented by this Contract, Agency shall pay Consultant NOT-TO-EXCEED a maximum total of **\$459,024.00** for all services provided in accordance with **Attachment 1, less optional services**, referenced herein, attached hereto, and made a part hereof.

Agency may, at any time, make changes to the Scope of Work, including additions, reductions, and changes to any or all of the Work, as directed in writing by the Agency. Such changes shall be made by an Amendment to the Contract. Any changes shall be made by a written Amendment to the Contract. Consultant's invoice must be submitted according to milestones achieved by Consultant and accepted by the Agency's Project Manager, and shall include a breakdown by items completed, all associated labor provided, labor hours supplied and associated hourly rates, dates worked, the current monthly amount due, and the cumulative amount invoiced to-date against this Contract, using the Agency's standard Excel-based invoicing template **Attachment 2**. Invoice shall not be submitted in advance and shall not be dated earlier than the actual date of submittal. A copy of subject Excel invoicing template shall be furnished by the Agency's Project Manager.

7. **CONTROL OF THE WORK:** The Consultant shall perform the Work in compliance with the Work Schedule. If performance of the Work falls behind schedule, the Consultant 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 Consultant is unable to accelerate

the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule.

8. FITNESS FOR DUTY:

A. Fitness: Consultant 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.
4. Compliance: Consultant shall advise all Consultant and subcontractor 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. Consultant shall impose these requirements on its Subcontractors. Agency may cancel the Contract if Consultant violates these Fitness for Duty Requirements.

B. California Department of Industrial Relations: **For all public works performed in excess of \$1,000.00, SB854 is applicable: Effective January 1, 2015:** The call for bids and contract documents must include the following information:

1. 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)].
2. 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.
3. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. As such, a PWC-100 shall be generated under the direction of the IEUA Project Manager or their designee.

9. INSURANCE: During the term of this Contract, the Consultant shall maintain at Consultant'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 Consultant 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 Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.
- 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 Consultant shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expenses.
- C. Other Insurance Provisions: The policies are to contain, or be endorsed to contain, the following provisions:
1. 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 Consultant 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 Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or both 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 Consultant'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 Consultant'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 Consultant'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 Consultant 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 Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant 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-VII, and who are admitted insurers in the State of California.
- E. Verification of Coverage: Consultant shall furnish 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 Consultant'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: Consultant shall submit all required certificates and endorsements to the following:

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

10. LEGAL RELATIONS AND RESPONSIBILITIES

A. Professional Responsibility: The Consultant 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 Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein, and is not an employee of the Agency.

C. Observing Laws and Ordinances: The Consultant 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 Consultant 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 Consultant or its employees.

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. For this project subcontractor list law shall apply.

E. Grant-Funded Projects: This project is grant-funded. For Federal/State grant/loan-funded projects, the Consultant 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, Disadvantaged Business Enterprise (DBE) Requirements, Competitive Solicitation, Record Retention and Public Access to Records, and Labor Compliance and Compliance Review. Federal funds have additional requirements. Please reference the flow-down requirements attached hereto and made a part hereof as **Attachment 3**.

F. 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.

G. Equal Opportunity and Unlawful Discrimination: During the performance of this Contract, the Consultant 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. To accomplish these goals the Agency has established procedures regarding the implementation and enforcement of the Agency's Harassment Prohibition and Equal Employment Opportunity commitments. Please refer to Agency Policies A-29 (Equal Employment Opportunity) and A-30 Harassment Prohibition for detailed information or contact the Agency's Human Resources Administrator. A copy of either of these Policies can be obtained by contacting the Project Manager for your respective Contract. Please advise any of your staff that believes they might have been harassed or discriminated against while on Agency property, to report said possible incident to either the Project Manager, or the Agency's Human Resources Administrator. Please be assured that any possible infraction shall be thoroughly investigated by the Agency.

H. Non-Conforming Work and Warranty: Consultant represents and warrants that the Work and Documentation shall be adequate to serve the purposes described in the Contract. For a period of not less than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all errors in and shortcomings of the Work or Documentation, regardless of whether any such errors or shortcoming is brought to the attention of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error or shortcoming that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. 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, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract.

I. Disputes:

(1). All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant 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 during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant 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 Consultant 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 Consultant'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 Consultant 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 hereto 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 Consultant to be appointed as Arbitrator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person shall be designated as Arbitrator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Arbitrator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Arbitrator. The Consultant 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). **Joinder in Mediation/Arbitration:** The Agency may join the Consultant in mediation or arbitration commenced by a subcontractor on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.

11. **INDEMNIFICATION:** Consultant 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 Consultant, its directors, employees, agents and assigns, in the performance of work under this Contract, to the extent caused by Consultant's negligence or willful misconduct. Notwithstanding the foregoing, to the extent that this Contract includes design professional services under Civil Code Section 2782.8, as may be amended from time to time, such duties of Consultant to defend and to indemnify Agency shall only be to the full extent permitted by Civil Code Section 2782.8.
12. **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 Consultant and/or the Consultant'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 Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency.
13. **TITLE AND RISK OF LOSS:**
- A. **Documentation:** Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant 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, 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. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. **Disposition:** Consultant shall dispose of items to which Agency has title as directed in writing by the Agreement Administrator and/or Agency.

14. 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 Consultant in the performance of the Work, shall be governed by the following provisions:

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

B. No Additional Compensation: Nothing Set forth in this Contract shall be deemed to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required hereby, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract.

15. INFRINGEMENT: Consultant 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.

Consultant 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 arising out of any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant 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.

16. **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
Inland Empire Utilities Agency, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Consultant: Mr. Robert Reid
Principal-in-Charge
Stantec Consulting Services, Inc.
38 Technology Drive, Suite 100
Irvine, CA 92618

Any notice given hereunder 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.

17. **SUCCESSORS AND ASSIGNS:** All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant 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.
18. **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 Consultant of any requests for disclosure of any documents pertaining to this work.

In the event of litigation concerning disclosure of information Consultant considers exempt from disclosure, (e.g., "Confidential," "Proprietary" or "Trade Secret,") 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 Consultant has marked "Confidential," "Proprietary" or "Trade Secret," Consultant 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.

19. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultant'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 termination of the Contract. The Consultant shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.
20. INTEGRATION: The Contract Documents represent the entire Contract of the Agency and the Consultant as to those matters contained herein. 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 Consultant.
21. GOVERNING LAW: This Contract is to be governed by and constructed in accordance with the laws of the State of California, County of San Bernardino.
22. 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 Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.
23. 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.
24. NOTICE TO PROCEED: No services shall be performed or furnished 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 Consultant.

IN WITNESS WHEREOF, 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)

STANTEC CONSULTING SERVICES INC.:

P. Joseph Grindstaff
General Manager

(Date)

Robert S. Reid
Principal-in-Charge

(Date)

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Attachment 1



38 Technology Drive, Suite 100
Irvine, CA 92618
P: (949) 923-6000
F: (949) 923-6121

September 14, 2017

Attention

John Scherck, CCM
Inland Empire Utilities Agency
6075 Kimball Ave, Building A
Chino, California, 91708

Reference

Fee Proposal Consulting Engineering Services for the Regional Water Recycling Plant No.1
Mechanical Restoration and Improvements
Project No. EN17082

Dear Mr. Scherck and Selection Committee Members:

We are pleased to provide Inland Empire Utilities Agency (IEUA) with our professional fees in conjunction with our proposal. We've attached our standard rates, reimbursables, and broken down our rates by proposed contract title on the attached table.

At Stantec, we strongly believe that the measurement of value is partially referenced from pricing, but also from credentials and capabilities. Our rates were created with an understanding of this balance.

Thank you again for considering Stantec to provide design services for the Regional Water Recycling Plant No.1 Mechanical Restoration and Improvements project. We look forward to working for you with the assurance that we will commit our best resources for a successful project. If you have any questions or require additional information, please contact our project manager, Jeff Dunn, at the number below.

Robert is an authorized representative able to legally bind our firm to an agreement of this amount.

Sincerely,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in blue ink, appearing to read "Jeff Dunn".

Jeff Dunn, PE
Project Manager
(949) 923-6974
jeff.dunn@stantec.com

A handwritten signature in blue ink, appearing to read "Robert Reid".

Robert Reid, PE
Principal-in-Charge
(949) 923-6037
robert.reid@stantec.com

**Inland Empire Utilities Agency
 RP-1 Mechanical Restoration and Improvements Project No. EN17082
 Proposed Labor Hours and Budget**



	LABOR HOURS															TOTAL STANTEC LABOR HOURS	TOTAL STANTEC LABOR FEES	V&A	Other Direct Costs	TOTAL FEES
	Robert Reid, PE, CPA Principal-In-Charge	Jim Cathcart, PE Technical Advisors / QA/QC	Jeff Dunn, PE Project Manager	Ed Pasqua, PE, LEED AP Process-Mechanical Task Lead	Ruoren Yu, PE Mechanical Design Engineer	Civil / Mechanical Designer / CAD	Marty Armanta, PE Electrical/QC Engineer	Shayne McGiboney Controls Engineer	Electrical Designer	Electrical Assistant	Chuck Young Architectural Task Lead	Ray Mansur Survey Manager	Survey Coordinator	Survey Analyst	Two Person Crew					
A. Project Management, Meetings, and Coordination	4		56	16	32		28	20	8		4					168	\$ 30,264			\$ 30,264
B. Environmental Review			4	2												6	\$ 1,198			\$ 1,198
C. Preliminary Design	6	12	23	59	138	86	50	111	100	0	30	8	8	16	32	679	\$ 110,070	\$ 2,100	\$ 1,600	\$ 113,770
C.1 Preparation of Technical Memoranda	4	8	10	24	50	8	0	0	0	0	0	0	0	0	0	104	\$ 16,974	\$ 0	\$ 400	\$ 17,374
TM #1 - RAS/WAS Pump & Seal Type Evaluations	2	2	2	4	8											18	\$ 3,172		\$ 200	\$ 3,372
TM #2 - Mitigating Clogging of Solids Pumping	2	2	2	4	8											18	\$ 3,172		\$ 200	\$ 3,372
C.1.1 RAS/WAS/Scum Pump & Seal Type Evaluations			4	6	12											22	\$ 3,518			\$ 3,518
C.1.2 Selection of Utility Water Pipe Size & Material		2		2	4											8	\$ 1,374			\$ 1,374
C.1.3 Buildings K & E Pump Room Layouts		2	2	8	10	8										30	\$ 4,658			\$ 4,658
C.1.4 Sludge Transfer Pump Type Evaluation					4											4	\$ 540			\$ 540
C.1.5 Solids Grinding Equipment Evaluation					4											4	\$ 540			\$ 540
C.2 Preliminary Design	0	4	9	27	54	76	38	55	84	0	22					369	\$ 56,404	\$ 2,100		\$ 58,504
C.3 Three-Dimensional Scanning Services			2		4							8	8	16	32	70	\$ 14,932		\$ 1,200	\$ 16,132
C.4 Control System Design				2	6		4	40								52	\$ 8,496			\$ 8,496
C.5 Construction Cost Estimate	1		2	4	16	2	4	8	8		8					53	\$ 8,384			\$ 8,384
C.6 Preliminary Design Review Package	1			2	8		4	8	8							31	\$ 4,880			\$ 4,880
D. 50% Final Design	0	24	34	54	96	51	87	106	114	16	27	0	0	0	0	609	\$ 98,312	\$ 2,420	\$ 200	\$ 100,932
D.1 50% Design Workshops			16	16	16		8	8								64	\$ 11,144			\$ 11,144
D.2 50% Construction Drawings and Specifications	0	24	14	34	64	51	75	94	114	16	23					509	\$ 81,364	\$ 2,420	\$ 200	\$ 83,984
D.3 Process Control Narratives				4	8											12	\$ 1,780			\$ 1,780
D.4 50% Design Review Package			4		8		4	4			4					24	\$ 4,024			\$ 4,024
E. 85% Final Design	2	9	23	39	94	89	79	101	133	8	38	0	0	0	0	615	\$ 96,117	\$ 2,420	\$ 700	\$ 99,237
E.1 85% Complete Drawings	0	5	11	31	62	89	59	81	133	0	26					497	\$ 76,385			\$ 76,385
E.2 85% Specifications		4	4	8	16		8	8		8	4					60	\$ 9,804	\$ 2,420		\$ 12,224
E.3 85% Design Review Package	2		8		16		12	12			8					58	\$ 9,928		\$ 700	\$ 10,628
F. 100% and Final Design	4	2	89	36	75	44	76	43	57	8	37	0	0	0	0	471	\$ 78,943	\$ 0	\$ 1,400	\$ 80,343
F.1 100% and Final Design Package	0	2	71	30	59	42	58	43	57	8	27					397	\$ 65,637		\$ 1,000	\$ 66,637
Asset List			6		8						4					18	\$ 3,052			\$ 3,052
Shop Drawing Submittal List			4	2	4	2	8				4					24	\$ 4,160			\$ 4,160
Arc-Flash Study			2				8									10	\$ 1,896			\$ 1,896
Final Design Review Meeting			2	2	2		2									8	\$ 1,412			\$ 1,412
Final Design Package	4		4	2	2						2					14	\$ 2,786		\$ 400	\$ 3,186
G. Programming Scope/Process Control Narratives			2	2	2			56								62	\$ 10,284			\$ 10,284
H. Construction Bid Assistance	0	1	12	14	12	8	24	8	8	0	0	0	0	0	0	87	\$ 14,744	\$ 0	\$ 500	\$ 15,244
Bid Support & Interpretations			4	8	4		8	8								32	\$ 5,580			\$ 5,580
Pre-Bid Meeting			2				8									10	\$ 1,896			\$ 1,896
Pre-Construction Conference			4	4			8									16	\$ 3,020			\$ 3,020
Conformed Plans and Specifications		1	2	2	8	8		8	8							29	\$ 4,248		\$ 500	\$ 4,748
I. Training				16	16		8	8								48	\$ 7,752			\$ 7,752
Total Hours	16	48	243	238	465	278	352	453	420	32	136	8	8	16	32	2,745				
Total Fees	\$ 3,872	\$ 11,616	\$ 51,516	\$ 41,650	\$ 62,775	\$ 34,750	\$ 64,768	\$ 74,745	\$ 60,480	\$ 3,744	\$ 23,800	\$ 1,936	\$ 1,472	\$ 2,400	\$ 8,160		\$ 447,684	\$ 6,940	\$ 4,400	\$ 459,024
OPTIONAL Services - Building E Draining/Access		2	6		16	24							4	6	8	66	\$ 10,592			\$ 10,592
Total Hours with Optional Services	16	50	249	238	481	302	352	453	420	32	136	8	12	22	40	2,811				
Total Fees with Optional Services	\$ 3,872	\$ 12,100	\$ 52,788	\$ 41,650	\$ 64,935	\$ 37,750	\$ 64,768	\$ 74,745	\$ 60,480	\$ 3,744	\$ 23,800	\$ 1,936	\$ 2,208	\$ 3,300	\$ 10,200		\$ 458,276	\$ 6,940	\$ 4,400	\$ 469,616

Attachment 2



**INLAND EMPIRE UTILITIES AGENCY
CONSULTING SERVICES INVOICE**

Company: ABC Company	Pay Est. No.:	Contract Date:	Invoice Date: #####
Address:	Contract No.: 46-xxxx	IEUA Project Manager: Jamal Zughbi	This Period: From: 9/1/2015 To: 9/30/2015
Phone No.:			Invoice No. / Consult Ref: XXXXXX
Proj. Name & No: RP-1 Improvements Project, EN15xxx			

ORIGINAL CONTRACT:

PO No.	SAP Line Item No.	WBS Element No.	Item Description	Original Contr. Value	Total This Period		Total to Date		Progress to Date	Remaining Contract Value
				Amount (\$)	% Complete	Amount (\$)	% Complete	Amount (\$)	% Complete	Amount (\$)
45-xxxxx	1	EN15xxx.00.F.DN50	50% Design Services	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
	2	EN15xxx.00.F.DN85	85% Design Services	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
	3	EN15xxx.00.F.DFLP	Final Design	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
	4	EN15xxx.00.G.CNSW.00	Constr Support Services	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
Subtotal Original Contract				\$0.00		\$0.00		\$0.00		\$0.00

CONTRACT AMENDMENTS:

PO No.	SAP Line Item No.	WBS Element No.	Amendment Description	Amended Contract Value	Total This Period		Total to Date		Progress to Date	Remaining Contract Value
				Amount (\$)	% Complete	Amount (\$)	% Complete	Amount (\$)	% Complete	Amount (\$)
						\$0.00		\$0.00	0%	0%
						\$0.00		\$0.00	0%	0%
						\$0.00		\$0.00	0%	0%
Subtotal Contr. Amendm				\$0.00		\$0.00		\$0.00		\$0.00
Total Cont. with Amendr				\$0.00		\$0.00		\$0.00		\$0.00

PAYMENT SUMMARY FOR THIS PERIOD:

	From: 9/1/2015	
	To: 9/30/2015	
Amount Earned Original Contract	\$0.00	
Amount Earned Amendments	\$0.00	
Back Charges	\$0.00	
Amount Due This Period	\$0.00	

PRIOR PAYMENT SUMMARY:

	From:	
	To:	
Amount Earned Orig Contract	\$0.00	
Amount Earned Amendments	\$0.00	
Back Charges	\$0.00	
Prior Payments	\$0.00	

TOTAL PAYMENT SUMMARY:

	Total Contract	
Total Original Contract	\$0.00	
Total Contract Amendments	\$0.00	
Total Payments to Date	\$0.00	
Back Charges	\$0.00	
Payment this period	\$0.00	
Balance of Contract	\$0.00	

CONTRACT SCHEDULE SUMMARY:

Contract Start Date:	10/9/2014
Contract Duration:	365
Contract Completion Date:	10/9/2015
Authorized Time Extension:	0
Revised Completion Date:	10/9/2015

PROJECT COMPLETION SUMMARY:

Contract Time Expired:	102%
Contract Work Complete:	#DIV/0!

Consultant Approval:

Title: _____ Signature: _____ Date: _____

Inland Empire Utilities Agency Approvals:

Proj. Engineer: _____ Date: _____ Exec Mgr. / Assistant GM: _____ Date: _____
 Deputy Manager: _____ Date: _____ General Manager: _____ Date: _____
 Dept. Manager: _____ Date: _____

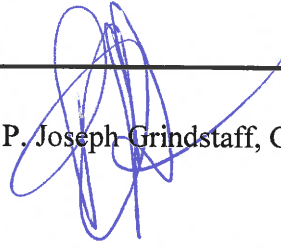
**ACTION
ITEM**

3A

Date: October 18, 2017

To: The Honorable Board of Directors
Committee:

From: P. Joseph Grindstaff, General Manager



Executive Contact: Jean Cihigoyenette, General Counsel

Subject: Amendment to General Manager's Employment Agreement

Executive Summary:

At a Special Board Meeting on September 12, 2017, the Board of Directors approved a General Manager Employment Agreement with Halla Razak. Ms. Razak will be succeeding Joe Grindstaff, who has announced his retirement. The Employment Agreement, which has been signed by all parties, provides a commencement date of December 1, 2017.

It has been noted that the ACWA Conference will be held from November 28, 2017 to December 1, 2017, and a suggestion has been made that it would be appropriate for Ms. Razak to attend the ACWA Conference and be introduced as the new General Manager for IEUA, however, this would require amendment of the contract start date. Accordingly, if the Board of Directors finds it appropriate, the General Manager Employment Agreement commencement date should be amended to reflect a start date of November 27, 2017 as opposed to December 1, 2017.

Staff's Recommendation:

Approve the proposed Amendment to the General Manager Employment Agreement entered into between IEUA and Ms. Halla Razak.

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

Account/Project Name:

Fiscal Impact *(explain if not budgeted):*

If approved, this contract amendment will have a minimal impact on the budget adding four days to the term of the employment agreement.

Prior Board Action:

On September 12, 2017, the Board of Directors approved the General Manager Employment Agreement with Halla Razak.

Environmental Determination:

Statutory Exemption

Business Goal:

Attachments:

**ACTION
ITEM**

3B

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources

10/11/17

Finance & Administration

10/11/17

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

Subject: RP-1 Headworks Upgrades Project Construction Contract Award

Executive Summary:

In 2009 and 2015, IEUA retained consultants to assess the condition of the Regional Water Recycling Plant No.1's (RP-1) headworks grit removal process and encompassing concrete conveyance structures. The condition assessment reports identified numerous deficiencies and substantial corrosion of the concrete structures. The deficiencies have led to poor process performance, additional maintenance, reduction of process reliability, and safety concerns of the structural integrity of the covers. Due to the severity of the headworks condition, a project was created to rehabilitate the headworks area to improve the reliability, performance, and safety of the grit removal system and the concrete structures.

On September 7, 2017, IEUA received four pre-qualified contractor bids. Myers & Sons Construction LP was the lowest responsive bidder, with a bid price of \$5,690,000. The construction contract was unanimously recommended for IEUA Board approval by the Regional Technical and Policy Committees.

The staff requests the existing contract with RMC be amended by \$510,558 to include engineering services during construction, increasing the contract from \$832,939 to \$1,343,497.

Staff's Recommendation:

1. Award a construction contract for the RP-1 Headworks, Primary, and Secondary Upgrades, Project No. EN14019, to Myers & Sons Construction LP in the amount of \$5,690,000;
2. Approve a contract amendment to RMC Water and Environment for engineering services during construction for the not-to-exceed amount of \$510,558; and
3. Authorize the General Manager to execute the contract and contract amendment.

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

Account/Project Name:

EN14019/RP-1 Headworks, Primary and Secondary Upgrades

Fiscal Impact (explain if not budgeted):

N/A

Prior Board Action:

On January 18, 2017, the Board of Directors approved a contract amendment for additional engineering services for the RP-1 Headworks, Primary, and Secondary Upgrades to RMC for the not-to-exceed amount of \$68,204.

On January 20, 2016, the Board of Directors approved a contract for the RP-1 Headworks, Primary, and Secondary Upgrades to RMC for the not-to-exceed amount of \$723,151.

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(b) of the State CEQA Guidelines.

Business Goal:

The RP-1 Headworks, Primary and Secondary Upgrades Project is consistent with IEUA's Business Goal of Wastewater Management specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

Attachments:

- Attachment 1 - Background
- Attachment 2 - PowerPoint
- Attachment 3 - Construction Contract
- Attachment 4 - Consultant Engineering Amendment

Background

Subject: RP-1 Headworks Upgrades Project Construction Contract Award

In 2009 and 2015, IEUA retained consultants to assess the condition of the Regional Water Recycling Plant No.1's (RP-1) headworks grit removal process and encompassing concrete conveyance structures. Based on the condition assessment reports, numerous deficiencies were identified, which included inoperable and leaking gates, air distribution pipeline corrosion and failure, and substantial corrosion of the concrete structures. These deficiencies have led to poor process performance, additional maintenance, reduction of process reliability, and safety concerns of the structural integrity of the covers. Due to the severity of the headworks condition, a project was created to rehabilitate the headworks area to improve the reliability, performance, and safety of the grit removal system and the concrete structures.

On January 20, 2016, IEUA retained RMC Water and Environment for engineering and design services for the Headworks, Primary, and Secondary Upgrades Project. A project to completely rehabilitate the headworks system is planned for 2030.

On January 24, 2017, IEUA pre-qualified six general contractors to bid on the project. On July 25, 2017, a request for bids was advertised to the six pre-qualified contractors through PlanetBids. On September 7, 2017, the following four bids were received:

Bidder's Name	Total Price
Myers & Sons Construction LP	\$ 5,690,000
PCL Construction, Inc.	\$ 6,136,731
SCW Contracting Corporation	\$ 6,578,289
J.F. Shea Construction, Inc.	\$ 8,719,950
Engineer's Estimate	\$ 6,175,000

Myers & Sons Construction LP was the lowest responsive and responsible bidder with a bid price of \$5,690,000. Myers & Sons was pre-qualified by IEUA by presenting the required experience on performing similar projects with other utilities and cities and showing good workmanship and responsiveness.

In addition to the construction contract award, staff requests that the existing contract with RMC be amended by \$510,558 to include engineering services during construction, increasing the contract from \$832,939 to \$1,343,497.

The following table is the anticipated project cost:

Description	Estimated Cost
Design Services	\$1,062,755
Design Contract (actual cost)	\$832,939
IEUA Design Services (actual cost)	\$229,816
Construction Services	\$795,058
Engineering Services During Construction (this action)	\$510,558
IEUA Construction Services (5%)	\$284,500
Construction	\$6,259,000
Construction Contract (this action)	\$5,690,000
Contingency (~10%)	\$569,000
Total Project Cost:	\$8,116,813
Total Project Budget:	\$10,350,000
Remaining Budget:	\$2,233,187

The following is the project schedule:

Project Milestone	Date
• Construction Contract Award	October 2017
• Construction Completion	January 2019

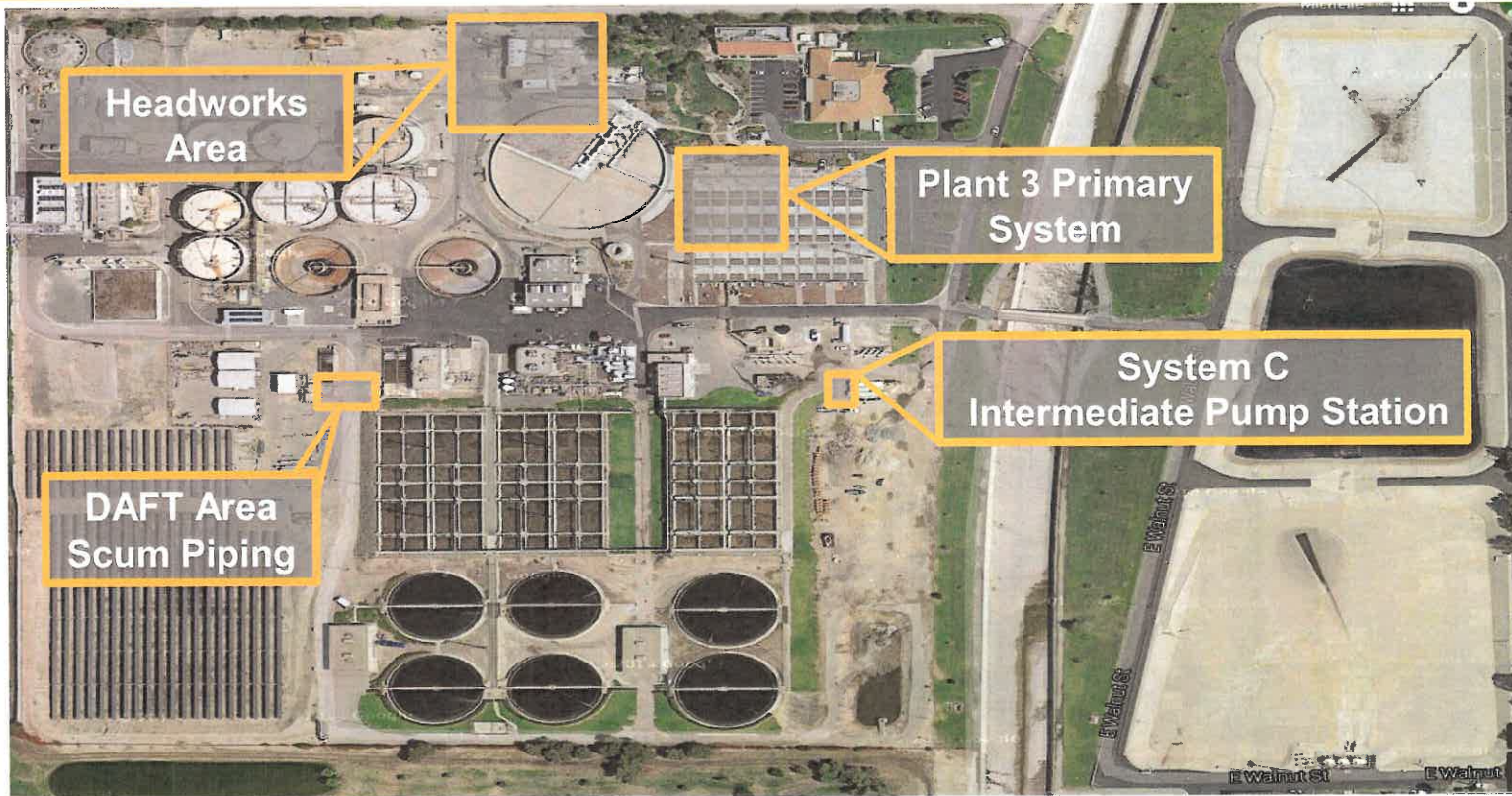
Fiscal Impact:

If approved, the combined amount of the construction contract award and the engineering services contract amendment for the Headworks, Primary, and Secondary Upgrades, Project No. EN14019, for the not-to-exceed amount of \$6,200,558, will be within the combined total project budget of \$10,350,000 in the Regional Wastewater Capital (RC) Fund. Staff anticipates amount of \$3,205,822 will be spent on the project this FY2017/18, with the remaining contract value to be spent in FY 2018/19.

RP-1 Headworks Upgrades Project Construction Contract Award Project No. EN14019



Project Location



Project Background

- Headworks Screen and Grit Removal System
 - Condition assessments in 2009 and 2015
 - Structural concrete degradation
 - Safety concerns
 - Process performance and reliability
 - Leaking and inoperable gates
- Plant 3 Primaries and Scum System
 - Scum pump undersized and without redundancy
 - Obsolete control and electrical panels
- Secondary System C Intermediate Pump Station
 - Flow meter lacks bypass piping



2015 Headworks Bypass



Existing Scum System

Project Scope

- Headworks
 - Structural concrete rehabilitation
 - Grit removal system rehabilitation
 - Isolation gate replacement
- Plant 3 Primaries and Scum System
 - Scum pump station upgrades
 - Control and electrical panels upgrades
 - Concrete rehabilitation
- Secondary System C Intermediate Pump Station
 - System C flow meter piping upgrades



Obsolete Electrical Components



Corroded Concrete Deck

Contractor Selection

Four bids were received on September 7, 2017:

Proposals Received

Bidder's Name	Total
Myers & Sons Construction LP	\$ 5,690,000
PCL Construction, Inc.	\$ 6,136,731
SCW Contracting Corporation	\$ 6,578,289
J.F. Shea Construction, Inc.	\$ 8,719,950
Engineer's Estimate	\$ 6,175,000

Project Budget and Schedule

Description	Estimated Cost
Design Services	\$1,062,755
Design Contract (actual cost)	\$832,939
IEUA Design Services (actual cost)	\$229,816
Construction Services	\$795,058
Engineering Services During Construction	\$510,558
IEUA Construction Services (5%)	\$284,500
Construction	\$6,259,000
Construction Contract (this action)	\$5,690,000
Contingency (10%)	\$569,000
Total Project Cost:	\$8,116,813
Total Project Budget:	\$10,350,000
Remaining Budget:	\$2,233,187

Project Milestone	Date
Construction Contract Award	October 2017
Construction Completion	January 2019

Recommendation

- Award a construction contract for the RP-1 Headworks, Primary and Secondary Upgrades Project No. EN14019, to Myers & Sons Construction LP in the amount of \$5,690,000;
- Approve a contract amendment to RMC Water and Environment for engineering services during construction for the not-to-exceed amount of \$510,558; and
- Authorize the General Manager to execute the contract and contract amendment.

The RP-1 Headworks, Primary and Secondary Upgrades Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

CONTRACT

THIS CONTRACT, made and entered into this ____ day of October, 2017, by and between Myers and Sons Construction, LP, 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 THE CONSTRUCTION OF THE RP-1 HEADWORKS, PRIMARY AND SECONDARY UPGRADES, PROJECT NO. EN14019, 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 \$ Five Million, Six Hundred Ninety Thousand 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 within four hundred and ten (410) calendar days after award of the Contract. All work shall be completed before final payment is made.
6. Time is of the essence on this Contract.
7. 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 three thousand (\$3,000) 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.
8. All work shall be completed before final payment is made. 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 per Item No. 7 of this Contract.

9. 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 to the Contractor, penalties and fines for violations of applicable local, state, and federal law.
10. 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.
11. 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.
12. 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.
13. That the Contractor shall carry Workers' Compensation Insurance and require all subcontractors to carry Workers' Compensation Insurance as required by the California Labor Code.
14. 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.

15. 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 to the extent permitted by law.

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.

Contractor

By _____
General Manager

By _____
Title

*Municipal Water District

Bond Number _____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, THAT, WHEREAS, the Inland Empire Utilities Agency, a Municipal Water District, hereinafter designated as the "Agency," has, on October 18, 2017, awarded to Myers and Sons Construction, LP, hereinafter designated as the "Principal," the Contract for the construction of:

RP-1 Headworks, Primary and Secondary Upgrades, Project No. EN14019

WHEREAS, said Principal is required under the terms of said Contract to furnish a bond for the faithful performance of said Contract:

NOW, THEREFORE, WE, the Principal, and _____, as Surety, are held and firmly bound unto the Agency the penal sum of _____ dollars(\$ _____) lawful money of the United States, for the payment of which sum will and truly be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above bounden Principal, or its heirs, executors, administrators, successors, or assigns, shall in all things stand to and abide by, and will and truly keep and faithfully perform the covenants, conditions, and agreements in the said Contract and any alterations made as therein provided, on its or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless, Agency and engineer, their officers, agents, and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and virtue and Principal and Surety, in the event suit is brought on this bond, will pay to Agency such reasonable attorney's fees as shall be fixed by the court.

As a condition precedent to the satisfactory completion of the said Contract, the above obligation in the said amount shall hold good for a period of one (1) year after the completion and acceptance of said Contract, during which time if the above bounden Principal, its heirs, executors, administrators, successors, or assigns shall fail to make full, complete, and satisfactory repair and replacements or totally protect said Agency from loss or damage made evident during said period of one year from the date of acceptance of the work under said Contract, and resulting from or caused by defective materials or faulty workmanship in the execution of the work done, the above obligation in the said amount shall remain in full force and effect. However, anything in this paragraph to the contrary notwithstanding, the obligation of the Surety hereunder shall continue so long as any obligation of the Principal remains.

Bond Number _____

SECOND PAGE OF PERFORMANCE BOND

Said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the work to be performed there under or the specifications accompanying the same shall, in any way, affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work or to the specifications. Said Surety hereby waives the provisions of Sections 2819 and 2845 of the Civil Code of the State of California.

As a part of the obligation secured hereby and in addition to the amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by Agency in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

IN WITNESS WHEREOF, the above bounden parties have executed this instrument under their seals this _____ day of _____, 20__, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Principal (print name)

Signature for Principal

(Corporate Seal)

Bond Number _____

THIRD PAGE OF PERFORMANCE BOND

Surety (print name)

Signature for Surety

(Surety Seal)

Surety address

**ATTACH POWER-OF-ATTORNEY AND NOTARIAL ACKNOWLEDGEMENT OF
SURETY BELOW**

Bond Number _____

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS, THAT, WHEREAS, the Inland Empire Utilities Agency, hereinafter designated as the "Agency", has, on October 18, 2017, awarded to Myers and Sons Construction, LP, hereinafter designated as the "Principal," a Contract for the construction of:

RP-1 Headworks, Primary and Secondary Upgrades, Project No. EN14019

WHEREAS, said Principal is required under the terms of said Contract to furnish a payment bond providing that if said Principal, or any of their subcontractors, shall fail to pay for any materials, provisions, or other supplies used in, upon, for, or about the performance of the work under said Contract, or for any work or labor done thereon of any kind, the Surety of this bond will pay the same to the extent hereinafter set forth:

NOW, THEREFORE, WE, the Principal, and _____, as Surety, are held and firmly bound unto the Agency the penal sum of _____ dollars (\$ _____) lawful money of the United States, for the payment of which sum will and truly be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above bounden Principal, or its heirs, executors, administrators, successors, or assigns, shall fail to pay any person specified in California Civil Code Section 3181, or for any materials, provisions, or other supplies used in, upon, for, or about the performance of the work under said Contract, or for any work or labor thereon of any kind or for amount due under the Unemployment Insurance Code with respect to work or labor performed under said Contract, or for any amounts due, or to be withheld pursuant to Sections 18806 of the Revenue and Taxation Code of the State of California, or with respect to any work or labor for which a bond is required by the provisions of Sections 3247 through 3252 of the California Civil Code, and provided that the persons, companies, or corporations so furnishing said materials, provisions, or other supplies, appliances, or power use, in, upon, for, or about the performance of the work under said Contract, or any person who performs work or labor upon same, or any person who supplies both work and materials, thereto, shall have complied with the provisions of said Civil Code, then said surety will pay the same in or to an amount not exceeding the amount herein before set forth, and also will pay in case suit is brought upon this bond, such reasonable attorney's fees to Agency as shall be fixed by the court.

Bond Number _____

SECOND PAGE OF PAYMENT BOND

This bond shall inure to the benefit of Agency and any and all persons, companies, and corporations and their respective assigns entitled to file claims under applicable State law, including but not limited to, California Civil Code Section 3181, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of said Contract or to the work to be performed there under or the specifications accompanying the same shall, in any way, affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work or to the specifications. Said Surety hereby waives the provisions of Sections 2819 and 2845 of the Civil Code of the State of California.

As a part of the obligation secured hereby and in addition to the amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by Agency in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

IN WITNESS WHEREOF, the above bounden parties have executed this instrument under their seals this _____ day of _____, 2017, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Principal (print name)

Signature for Principal

(Corporate Seal)

Bond Number _____

THIRD PAGE OF PAYMENT BOND

Surety (print name)

Signature for Surety

(Surety Seal)

Surety address

**ATTACH POWER-OF-ATTORNEY AND NOTARIAL ACKNOWLEDGEMENT OF SURETY
BELOW**

WAIVER/RELEASE OF LIABILITY

I, the undersigned, on behalf of _____ (hereinafter called Firm) fully understand that the storage or leaving of _____ at the Agency's _____ facility, located at _____ California, during the period of _____ to _____ exposes Firm to the risk of, but not limited to, theft, fire damage, vandalism, water damage, wind damage, and possible personal injury to Firm's employees. For the privilege of storing/leaving _____ at said location, Firm agrees to assume any and all such risk.

In consideration of being able to store/leave said item(s) at said location, Firm hereby releases, agrees not to sue, or bring any action against, the Inland Empire Utilities Agency, its officers, employees, agents, representatives, and volunteers for any and all liability, claims, or actions for injury or death to Firm's employees, or damage or theft of said property arising out of, or in connection with, the storage or leaving of said item(s) at Inland Empire Utilities Agency's facility for whatever cause, excluding the purposeful actions or active negligence of the Inland Empire Utilities Agency, its officers, employees, agents, representatives, and volunteers.

I have carefully read this Waiver/Release of Liability and covenant not to sue, and fully understand its contents, and the possible exposures that Firm is agreeing to assume. I am aware that this Waiver/Release of Liability is a full release of any and all liability. I am signing such as the authorized agent of Firm, and of my own free will.

Name of Firm

By: _____
Representative's signature

Date

Print Name

Title

Approved: _____

Date

Department Manager of Engineering signature

Distribution: Department Manager of Engineering, Construction Manager; Construction Project Manager; Supervisor; Risk Manager; Contractor, Subcontractor, Supplier, or Repair Person



CONTRACT AMENDMENT NUMBER: 4600002028-004

FOR

**RP-1 HEADWORKS, PRIMARY, AND SECONDARY UPGRADES,
PROJECT NO. EN14019**

THIS CONTRACT AMENDMENT FOUR 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 interchangeably as "IEUA" and "Agency") and RMC Water and Environment, Inc., a wholly-owned subsidiary of Woodard & Curran, with offices located in Irvine, California (hereinafter referred to as "Consultant"), to provide professional engineering services in support of Project EN14019, and shall revise the Contract as amended:

SECTION FOUR, SCOPE OF WORK AND SERVICES, IS REVISED TO ADD THE FOLLOWING ITEM:

Additional services and responsibilities shall include, and be in accordance with tasks identified in Consultant's proposal dated September 11, 2017, which is attached hereto, incorporated herein and made a part hereof by this reference as **Attachment 2**.

SECTION SIX, COMPENSATION, IS REVISED TO ADD THE FOLLOWING ITEM:

In compensation for the additional work represented by this Contract Amendment, Agency shall pay Consultant a **NOT-TO-EXCEED maximum total of \$1,343,497.00** for all services provided in accordance with Consultant's Fee Estimate, attached hereto, made a part hereof, and referenced herein as **Attachment 2**. Additional compensation in the amount of \$510,558.00 is hereby authorized in accordance with Project Manager's SAP Purchase Requisition 10041986.

ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.

Witnesseth, that the parties hereto have mutually covenanted and agreed as per the above Amendment items, and in doing so have caused this document to become incorporated into the Contract documents.

INLAND EMPIRE UTILITIES AGENCY:
(a Municipal Water District)

RMC WATER AND ENVIRONMENT, INC.,
A WHOLLY-OWNED SUBSIDIARY OF WOODARD
& CURRAN:

P. Joseph Grindstaff
General Manager

(Date)

Scott Goldman
Principal-in-Charge

(Date)

Attachment 2



National Experience. Local Focus.

September 11, 2017

John Scherck, CCM
Senior Project Manager
Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708

**RE: RP-1 Headworks, Primary and Secondary Upgrades, IEUA Project No. EN14019
Amendment Request No. 4**

Dear Mr. Scherck

At the request of the Inland Empire Utilities Agency (IEUA), Woodard & Curran (formerly RMC Water and Environment), hereby submits the enclosed proposal, dated September 11, 2017 for Engineering Services During Construction (ESDC) for the RP-1 Headworks, Primary and Secondary Upgrades Design project.

The enclosed proposal includes the revised scope of work and fee estimate to complete these services based on your discussion with David Haug on September 5, 2017. If you have any questions, or would like to discuss this proposal, please contact David Haug at (213) 223-9460.

Sincerely,
Woodard & Curran

Approved by:
Inland Empire Utilities Agency

Scott Goldman
Principal-in-Charge

 9-12-17
Name Date

AMENDMENT 4

INLAND EMPIRE UTILITIES AGENCY RP-1 HEADWORKS, PRIMARY AND SECONDARY UPGRADES (PROJECT NO. EN14019)

Scope of Services for Engineering Services During Construction

This Scope of Services defines the engineering services to be provided to the Inland Empire Utilities Agency (IEUA) to support construction of the RP-1 Headworks, Primary and Secondary Upgrades (Project No. EN14019) project. The construction duration for this project is anticipated to be 16 months. Engineering services during construction will be performed by Woodard & Curran (formerly RMC, Water and Environment) and its design subconsultants: TJCAA (Instrumentation, Controls, Electrical and Structural) and Harper Associates Engineering (Concrete Coating). The Woodard & Curran team will provide the following services during construction:

- Preparation of Conformed Drawings
- Meetings and Site Visits
- Submittal Reviews
- Respond to Requests for Information (RFIs)
- Review of Construction Change Order Requests
- Startup and Testing Assistance
- Preparation of Record Drawings
- Project Management

The scope of services are detailed in the following tasks and include assumptions used as the basis for the Fee Estimate (see attached). The level of effort for engineering services during construction is highly dependent upon variables beyond Woodard & Curran's direct control and may require adjustment during the course of construction and startup.

Task 1 – Preparation of Conformed Drawings and Specifications

- Woodard & Curran will prepare Conformed Drawings and Specifications to reflect addenda issued during the bid period. Conformed drawings and specifications will be submitted electronically in CAD, PDF and MS Word Format. IEUA confirmed the Agency will be responsible for hard copy reproduction.

Task 2 – Meetings and Site Visits

- Woodard & Curran and appropriate TJCAA staff will attend the following workshops:
 - Preconstruction Meeting
 - Overall System Workshop
 - Electrical, I&C and Mechanical Workshop
 - SCADA System Programming Workshop
 - 70% Complete Workshop
 - Testing, Training, Start-Up and Commissioning Workshop

For budgeting purposes, it is assumed two attendees from the engineering team will participate in each workshop, except for the Preconstruction Meeting and the 70% Complete Workshop, which will only have one Woodard & Curran attendee. This task assumes 8 labor hours per attendee per workshop, which includes travel time and preparation. In addition, the Woodard & Curran team will attend a limited number of construction meetings in person and/or site visits not included in the progress meetings above. For budgeting purposes, the team will physically attend 4 additional meetings/visits, assuming 8 labor hours per meeting/visit, including travel time and preparation.

- Woodard & Curran's project manager will attend weekly progress meetings in person twice a month, and by teleconference twice a month. For budgeting purposes, a total of 64 progress meetings are assumed. In person attendance at 32 progress meetings, 4 labor hours per meeting are assumed, which includes travel time. Attendance by teleconference assumes 1.5 labor hours per attendee.
- In addition to the meetings listed above, Woodard & Curran's team will inspect the Primary Clarifier Inlet Channel after it is dewatered and cleaned by the Contractor during construction. The inspection is assumed to require one 8-hour day. For budgeting purposes, this task assumes a total of 124 hours for the inspection and associated report, including travel time and accommodations.

Task 3 – Submittal Reviews

- IEUA's document control software program, Capital Improvement Project Office (CIPO), will be utilized for all project related correspondence.
- The Woodard & Curran team will review and respond to submittals provided by the Contractor via IEUA's Construction Manager. Based on the attached List of Anticipated Submittals, the total number of submittal reviews is estimated to be 263 (164 initial submittal reviews and 99 resubmittal reviews). The level of effort is assumed to be 5 hours each per initial submittal and 3 hours each for each resubmittal on average, divided among the various disciplines and staff.

Task 4 – Respond to Requests for Information (RFIs)

- The Woodard & Curran team will review and respond to Requests for Information (RFIs) from the Contractor via IEUA's Construction Manager. This task assumes review of up to 50 RFIs. The level of effort is assumed to be 4 hours per RFI on average, divided among the various disciplines and staff.

Task 5 – Review of Construction Change Order Requests

- The Woodard & Curran team will review and respond to construction change order requests submitted by the Contractor via the IEUA Construction Manager. This task assumes up to 20 change order reviews. The level of effort is assumed to be 8 hours per review on average, divided among the various disciplines and staff. This task assumes two drawing revisions will be required in addition to the review mentioned above. The drawing level of effort is assumed to be 8 hours for each revision.

Task 6 – Startup and Testing Assistance

- Woodard & Curran staff will be present to witness performance testing of equipment and will provide startup assistance during commissioning of the project. Startup assistance will include guidance and review of the Contractor's step-by-step Startup Plan and coordination with the

Contractor to provide any design and/or operational information for the Testing, Training, Start-Up and Commissioning Workshop. This is in addition to meetings and site visits included under Task 1. TJCAA staff will provide telephone support for issues that arise during startup and testing activities. For budgeting purposes, it is assumed Woodard & Curran will provide a subtotal of 48 hours and TJCAA will provide a subtotal of 16 hours, for a total of 64 hours, for startup and testing assistance, including travel time.

- Woodard & Curran will schedule to attend up to two (2) 1-day training sessions for IEUA staff on major pieces of equipment installed by the Contractor. Woodard & Curran will coordinate with the Contractor to provide design and/or operational information as a context for the training. For budgeting purposes, this task assumes 48 labor hours, including travel time.

Task 7 – Preparation of Record Drawings

- Woodard & Curran and its subconsultants will incorporate redline markups provided by the Contractor into the CAD files. For budgeting purposes, a total of 130 labor hours for as-built incorporation is assumed. Woodard & Curran will not be responsible for interpretation of construction changes made in the field and will rely solely on a single set of redline drawings provided by the Contractor or the IEUA Construction Manager. Record drawings will be submitted electronically in CAD and PDF format.

Task 8 – Project Management

- Project management will include regular client communications; monthly progress reports to be submitted with the project invoice; and schedule, scope and budget tracking for this phase of the project. Project management effort is based on a 16-month duration for construction.
- This task assumes 8 hours to support development and finalization of an Asset List for IEUA. For the 70% Complete Workshop, Woodard & Curran will develop an Asset List that reflects actual equipment installed at that time and proposed remaining equipment to be installed. This list will be turned over to the Contractor to update with information such as cost, warranty period, etc. and submit at 95% Construction Completion. Woodard & Curran will then review and prepare a Final Asset List for IEUA.

Scope of Work Assumptions

The scope of work is based on the following assumptions and the assumptions included in the tasks above. In the event of any ultimate facts or events differ from such assumptions, Woodard & Curran's scope of work, schedule, and compensation shall be adjusted accordingly.

- IEUA will provide special inspections services. The Woodard & Curran team can provide these services upon request and at a negotiated scope and fee.
- All final decisions and direction to the Contractor will be made by the IEUA Construction Manager.



National Experience. Local Focus.

Fee Estimate

**Inland Empire Utilities Agency
RP-1 Headworks, Primary and Secondary Upgrades Design (Project No. EN14019)
Engineering Services During Construction**

Tasks	RMC Labor							RMC Subtotal Hours	RMC Sub Total Labor Costs (1)	TJC Labor			HAE Labor			Total Project Work Hours	Total Subs Construction Costs	Sub Consultant Total Cost (2)	ODCs	RMC Total ODCs (3)	Total Fee
	Richard Bichette	Jon Ganz	David Haug	Justin Kraetsch	Jehan Anketell	Cathy Macklin	Chu To			TJC Subtotal Hours	TJC ODCs	TJC Total Labor Costs	HAE Subtotal Hours	HAE ODCs	HAE Total Labor Costs						
	PIC	Technical Lead	PM	PE	PE	Admin	CAD														
Task 1. Preparation of Conformed Drawings	\$266	\$266	\$249	\$178	\$152	\$105	\$165														
Preparation of Conformed Drawings		1	2	6	6		24	39	\$6,704	36	\$0	\$5,605				75	\$5,605	\$6,165	\$0	\$0	\$12,869
Subtotal Task 1	0	1	2	6	6	0	24	39	\$6,704	36	\$0	\$5,605	0	\$0	\$0	75	\$5,605	\$6,165	\$0	\$0	\$12,869
Task 2. Meetings, Workshops and Site Visits																					
2.1 Meetings, Workshops and Site Visits			56					56	\$13,944	60	\$3,190	\$13,653	8		\$1,440	124	\$18,283	\$20,111	\$440	\$484	\$34,539
2.2 Weekly Construction Meetings			176					176	\$43,824	96		\$22,305				272	\$22,305	\$24,536	\$1,490	\$1,639	\$69,999
2.3 Inlet Channel Inspection			8					8	\$1,992	116	\$300	\$24,166				124	\$24,466	\$26,913	\$0	\$0	\$28,905
Subtotal Task 2	0	0	240	0	0	0	0	240	\$59,760	156	\$3,490	\$60,124	8	\$0	\$1,440	520	\$65,054	\$71,560	\$1,930	\$2,123	\$133,443
Task 3. Submittal Reviews																					
Submittal Reviews		14	86	284	284			668	\$118,858	442		\$77,931	8		\$1,440	1,118	\$79,371	\$87,308	\$0	\$0	\$206,166
Subtotal Task 3	0	14	86	284	284	0	0	668	\$118,858	442	\$0	\$77,931	8	\$0	\$1,440	1,118	\$79,371	\$87,308	\$0	\$0	\$206,166
Task 4. Respond to Requests for Information (RFIs)																					
Respond to RFIs			16	48	48			112	\$19,824	80		\$14,688	8		\$1,440	200	\$16,128	\$17,741	\$0	\$0	\$37,565
Subtotal Task 4	0	0	16	48	48	0	0	112	\$19,824	80	\$0	\$14,688	8	\$0	\$1,440	200	\$16,128	\$17,741	\$0	\$0	\$37,565
Task 5. Review of Construction Change Order Requests																					
Review of Construction Change Order Requests		4	8	34	34		16	96	\$16,916	80		\$15,808				176	\$15,808	\$17,389	\$0	\$0	\$34,305
Subtotal Task 5	0	4	8	34	34	0	16	96	\$16,916	80	\$0	\$15,808	0	\$0	\$0	176	\$15,808	\$17,389	\$0	\$0	\$34,305
Task 6. Startup and Training Assistance																					
6.1 Startup Assistance			40	8				48	\$11,384	16		\$2,786				64	\$2,786	\$3,065	\$280	\$308	\$14,757
6.2 Training Assistance			16	16	16			48	\$9,264			\$0				48	\$0	\$0	\$94	\$103	\$9,367
Subtotal Task 6	0	0	40	8	0	0	0	96	\$20,648	16	\$0	\$2,786	0	\$0	\$0	112	\$2,786	\$3,065	\$374	\$411	\$24,124
Task 7. Preparation of Record Drawings																					
Preparation of Record Drawings			4	8	8		60	80	\$13,536	50		\$7,514				130	\$7,514	\$8,265	\$0	\$0	\$21,801
Subtotal Task 7	0	0	4	8	8	0	60	80	\$13,536	50	\$0	\$7,514	0	\$0	\$0	130	\$7,514	\$8,265	\$0	\$0	\$21,801
Task 8. Project Management																					
Project Management	16	4	64	8		16		108	\$24,360	48	\$1,960	\$11,076	8		\$1,440	164	\$14,476	\$15,924	\$0	\$0	\$40,284
Subtotal Task 8	16	4	64	8	0	16	0	108	\$24,360	48	\$1,960	\$11,076	8	\$0	\$1,440	164	\$14,476	\$15,924	\$0	\$0	\$40,284
TOTAL	16	23	476	412	396	16	100	1439	\$280,606	1024	\$5,450	\$195,533	32	\$0	\$5,760	2495	\$206,743	\$227,418	\$2,304	\$2,534	\$510,558

1. The individual hourly rates include salary, overhead and profit.
2. Subconsultants will be billed at actual cost plus 10%.
3. Other direct costs (ODCs) such as reproduction, delivery, mileage (rates will be those allowed by current IRS guidelines), and travel expenses, will be billed at actual cost plus 10%.
4. RMC reserves the right to adjust its hourly rate structure and ODC markup at the beginning of the calendar year for all ongoing contracts.

IEUA RP-1 HEADWORKS, PRIMARY AND SECONDARY UPGRADES (PROJECT NO. EN14019)
 LIST OF ANTICIPATED SUBMITTALS

Section	Part	Description	Responsibility			Responsibility
			RMC	TJCAA	HAE	
GC/D	1.B	Contractor's Representative	1			RMC
GC/G	1.A	Preliminary Schedule of Values	1			RMC
GC/G	1.A	Schedule of Values	1			RMC
GC/J	3	Asset Management Equipment Upload Data	1			RMC
GC/M	1.2.B	Scheduling Representative - Resume, Qualifications and References	1			RMC
GC/M	2.1	Preliminary Project Control Schedule	1			RMC
GC/M	2.1	Baseline Project Control Schedule	1			RMC
SC	7.0	Certification Letter - Compliance with AQMD/CARB	1			RMC
SC	10.0	Project Office - Owner's Representative	1			RMC
SC	16.0	Portable Generator/Compressor Sizing Calculations		1		TJCAA
SC	19.0	Start-Up Plan	1	1		RMC, TJCAA
02050	1.3	Demolition Plan (Headworks)	1			RMC
02050	1.3	Demolition Plan (Plant 3 Scum Well)	1			RMC
02050	1.3	Demolition Plan (Meter Structure 2)	1			RMC
02145	1.2	Flow Bypass Plan (Headworks)	1			RMC
02145	1.2	Flow Bypass Plan (Plant 3 Scum Well)	1			RMC
02145	1.2	Flow Bypass Plan (Meter Structure 2)	1			RMC
02200	1.2	Shoring and Bracing Drawings/Plan	1			RMC
02200	1.2	Fill and Backfill Materials - Material Data and Test Results	1			RMC
02200	1.2	Crushed Rock - Material Data and Test Results	1			RMC
02460	1.3	Asphalt Cement - Material Data and Test Results	1			RMC
02500	2.1.D	Pipe Identification - Detection Wire, Locator Tape, Etc.	1			RMC
02500	3.2.G	For Unspecified Joints - Thrust Restraint Calculations	1			RMC
02571	1.2	Steel Pipe and Fittings - Shop Drawings, Pipe Layout, Certifications, Etc.	1			RMC
02571	1.2	Steel Pipe Coatings and Liners	1			RMC
02571	1.3	Welding Procedures and Welder Qualification	1			RMC
02640	3.3.E	Joint Testing Procedure	1			RMC
02640	3.5.F	Pressure Test Plan	1			RMC
03100	1.4	Form Release Agent		1		TJCAA
03100	1.4	Location and Sequence of Concrete Placement (Indicate locations of form joints, form-tie layout, panel sizes, and patterns)		1		TJCAA
03150	1.4	Bond Breaker		1		TJCAA
03700	1.4	Reinforcing Steel - Lay Sheets		1		TJCAA
03200	1.4	Reinforcing Steel Test Reports - Mill Sheets		1		TJCAA
03300	1.4	Concrete Mix Designs (Various)		1		TJCAA
03300	1.4	Liquid Curing Compound		1		TJCAA
03305	3.1.A	Concrete Mix Design (Ductbank Encasement)		1		TJCAA
03366	1.4	Concrete Sealer		1		TJCAA
03600	1.4	Nonshrink Cementitious Grout		1		TJCAA
03600	1.4	Nonshrink Epoxy Grout		1		TJCAA
03600	1.4	Cement Grout		1		TJCAA
03740	2.2	Epoxy Bonding Agent		1		TJCAA
03740	2.2	Epoxy Paste		1		TJCAA
03740	2.2	Crack Repair Epoxy Adhesive		1		TJCAA
03930	1.3	Coating System - Shop Drawings, Material Cut Sheets, Surface Prep and Application Procedure, Compatibility Certifications			1	HAE
05500	1.4	Misc Hardware		1		TJCAA
05500	1.4	Checkered Plate		1		TJCAA
05500	1.4	Floor Hatches / Floor Doors		1		TJCAA
05500	1.4	Steel Protection Posts (Ballards)		1		TJCAA
05500	1.4	Epoxy Anchors		1		TJCAA
05510	1.4	Metal Stair and Platform System		1		TJCAA
05520	1.3	Aluminum Handrail and Guardrail		1		TJCAA

IEUA RP-1 HEADWORKS, PRIMARY AND SECONDARY UPGRADES (PROJECT NO. EN14019)
 LIST OF ANTICIPATED SUBMITTALS

Section	Part	Description	Responsibility			Responsibility
			RMC	TJCAA	HAE	
09900	1.2	Paint System (Includes Samples)	1			RMC
11146	1.3	Submersible Chopper Pumps - Shop Drawings (Incl. Davit Crane and Receivers)	1			RMC
11146	1.3	Submersible Chopper Pumps - Seismic Calculations		1		TJCAA
11146	1.3	Submersible Chopper Pumps - O&M manuals	1			RMC
11146	1.3	Submersible Chopper Pumps - Factory Test Procedures	1			RMC
11146	1.3	Submersible Chopper Pumps - Factory Test Report	1			RMC
11146	1.5	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
11190	1.3	Air Lift Pump - Shop Drawings	1			RMC
11190	1.3	Air Lift Pump - O&M Manuals	1			RMC
11190	1.3	Air Lift Pump - Factory Test Procedures	1			RMC
11190	1.3	Air Lift Pump - Factory Test Report	1			RMC
11190	1.3	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
11205	1.3	Submersible Mixers - Shop Drawings	1			RMC
11205	1.3	Submersible Mixers - Seismic Calculations		1		TJCAA
11205	1.3	Submersible Mixers - O&M Manuals	1			RMC
11205	1.3	Submersible Mixers - Factory Test Procedures	1			RMC
11205	1.3	Submersible Mixers - Factory Test Report	1			RMC
11205	1.5	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
11320	1.2	Mechanical Vortex Grit System - Shop Drawings	1			RMC
11320	1.2	Mechanical Vortex Grit System - Seismic Calculations		1		TJCAA
11320	1.2	Mechanical Vortex Grit System - O&M Manuals	1			RMC
11320	1.2	Mechanical Vortex Grit System - Factory Test Procedures	1			RMC
11320	1.2	Mechanical Vortex Grit System - Factory Test Report	1			RMC
11320	1.2	Mechanical Vortex Grit System - Performance Testing Data	1			RMC
11320	1.4	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
11325	1.2	Grit Washer - Shop Drawings	1			RMC
11325	1.2	Grit Washer - Seismic Calculations	1			RMC
11325	1.2	Grit Washer - O & M Manuals	1			RMC
11325	1.2	Grit Washer - Factory Test Procedures	1			RMC
11325	1.2	Grit Washer - Factory Test Report	1			RMC
11325	1.2	Grit Washer - Performance Testing Data	1			RMC
11325	1.4	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
11501	1.3	Positive Displacement Blowers - Shop Drawings (Incl. Fittings)	1			RMC
11501	1.3	Positive Displacement Blowers - Seismic Calculations		1		TJCAA
11501	1.3	Positive Displacement Blowers - O&M Manuals	1			RMC
11501	1.3	Positive Displacement Blowers - Factory Test Procedures	1			RMC
11501	1.3	Positive Displacement Blowers - Factory Test Report	1			RMC
11501	1.5	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
13300	1.3	PCSI - Project Plan, Deviation List, Schedule		1		RMC
13300	1.3	PCSI - Coordination Workshop Agendas		1		TJCAA
13300	1.3	PCSI - Field Instrumentation		1		TJCAA
13300	1.3	PCSI - PAC, HMI and Network Component Hardware		1		TJCAA
13300	1.3	PCSI - PAC and HMI Software		1		TJCAA
13300	1.3	PCSI - Control Panel Submittal		1		TJCAA
13300	1.3	PCSI - Interconnection Diagram		1		TJCAA
13300	1.3	PCSI - Testing Plan		1		TJCAA
13300	1.3	PCSI - Training Plan		1		TJCAA
13300	1.3	PCSI - Spares, Expendables and Test Equipment		1		TJCAA
14600	1.3	Hoists, Cranes and Winches - General - Shop Drawings	1			RMC
14600	1.3	Hoists, Cranes and Winches - General - O&M Manuals	1			RMC
14600	1.4	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
15000	1.3	Mechanical-Type Couplings	1			RMC

IEUA RP-1 HEADWORKS, PRIMARY AND SECONDARY UPGRADES (PROJECT NO. EN14019)
 LIST OF ANTICIPATED SUBMITTALS

Section	Part	Description	Responsibility			Responsibility
			RMC	TJCAA	HAE	
15000	1.3	Thrust Restraint Harnesses	1			RMC
15000	1.3	Flange Coupling Adapters	1			RMC
15000	1.3	Miscellaneous Fittings	1			RMC
15006	1.3	Pipe Supports - Shop Drawings	1			RMC
15025	1.3	Steel Pipe and Fittings - Shop Drawings, Pipe Layout, Certifications, Etc.	1			RMC
15025	1.3	Steel Pipe Coatings and Liners	1			RMC
15030	1.3	Stainless Steel Pipe and Fittings - Shop Drawings and Certifications	1			RMC
15060	1.3	PVC Pipe and Fittings - Shop Drawings and Certifications	1			RMC
15080	1.3	Mechanical Insulation - Shop Drawings, Product Data, Etc.	1			RMC
15200	1.3	Valves - General - Shop Drawings (Misc Valves)	3			RMC
15201	1.3	Valve Actuators - Electrical and Control Submittals	1			RMC
15202	1.3	Butterfly Valves - Shop Drawings	1			RMC
15202	1.3	Butterfly Valves - O&M Manuals	1			RMC
15202	1.3	Butterfly Valves - Factory Test Procedures	1			RMC
15202	1.3	Butterfly Valves - Factory Test Report	1			RMC
15203	1.3	Check Valves - Shop Drawings	1			RMC
15203	1.3	Check Valves - O&M Manuals	1			RMC
15203	1.3	Check Valves - Factory Test Procedures	1			RMC
15203	1.3	Check Valves - Factory Test Report	1			RMC
15207	1.3	Plug Valves - Shop Drawings	1			RMC
15207	1.3	Plug Valves - O&M Manuals	1			RMC
15207	1.3	Plug Valves - Factory Test Procedures	1			RMC
15207	1.3	Plug Valves - Factory Test Report	1			RMC
15250	1.3	Hydraulic Gates - Shop Drawings	1			RMC
15250	1.3	Hydraulic Gates - O&M Manuals	1			RMC
15250	1.3	Hydraulic Gates - Factory Test Procedures	1			RMC
15250	1.3	Hydraulic Gates - Factory Test Report	1			RMC
15250	1.5	Manufacturer Service Representative Resume and Proposed Training Materials	1			RMC
16000	1.3	List of Systems and Equipment for which Seismic Anchoring Provided		1		TJCAA
16000	1.3	Seismic Anchorage and Mounting Calculations		1		TJCAA
16060	1.3	Product Data for Following: 1. Ground rods 2. Ground rod boxes 3. Exothermic welding materials and methods 4. Mechanical and compression type grounding clamps including installation requirements and materials 5. Grounding hubs and fittings		1		TJCAA
16080	1.3	Qualifications of Electrical Analysis Firm		1		TJCAA
16080	3.3	Harmonic Analysis Study		2		TJCAA
16080	3.4	Short Circuit and Protective Devices Study		2		TJCAA
16080	3.5	Arc Flash Hazard Study		2		TJCAA
16120	1.3	Product Data for Following: 1. Power, control, and instrumentation wire 2. Termination and splicing materials 3. Pulling lubrication compound 4. Circuit identification system		2		TJCAA
16122	1.3	Product Data for Following: 1. Fiber optic cable 2. Fiber optic installation and pulling equipment methods 3. Cable identification approach and scheme 4. Link loss budget calculations		1		TJCAA
16130	1.3	Product data for conduits, raceways, fittings, boxes, hardware, identification systems, and other materials specified in this Section.		2		TJCAA

IEUA RP-1 HEADWORKS, PRIMARY AND SECONDARY UPGRADES (PROJECT NO. EN14019)
 LIST OF ANTICIPATED SUBMITTALS

Section	Part	Description	Responsibility			Responsibility
			RMC	TJCAA	HAE	
16130	1.3	Layout and details of raceway supports, bracing, and connections, for all support systems (Includes raceway support calculations stamped and signed by a licensed Professional Engineer (Civil or Structural) in California for mounting hardware and all raceway support systems)		2		TJCAA
16140	1.3	Product data for Wiring Devices		1		TJCAA
16190	1.3	Product Data for Miscellaneous Electrical Equipment		1		TJCAA
16441	1.3	Product Data for Following: 1. Catalog cuts and descriptive literature for each type of panelboard and breaker provided 2. Panelboard directory for each panelboard showing circuit allocations, breaker rating, poles, spare, short circuit, and continuous bus ratings 3. Outline drawings showing panel layouts, dimensions and weights. Panel layout shall show circuit breakers allocation and available space		2		TJCAA
16460	1.3	Product Data for Low Voltage Dry Type Distribution Transformers		1		TJCAA
16480	1.3	Motor Control Center (MCC-2M): 1. Shop drawings showing plan and elevation views, equipment locations, construction details, equipment mounting details, and conduit installation details 2. Complete bill of materials, product data sheets, and catalog numbers for all integral components 3. Motor Control Centers, VFDs, Harmonic Filters, Etc. 4. Interconnection Diagrams 5. HVAC Equipment 6. Seismic, wind and anchorage calculations 7. O&M Manuals		2		TJCAA
16600	1.3	Product Data for Following: 1. Handhole and splice boxes 2. Underground raceway installation accessories including conduit spacers, cable racks, pull rope, pulling lubricants, sealants, identification warning tape, and other underground system components		2		TJCAA
MISC	Plans	Aluminum Covers		1		TJCAA
MISC	Plans	FRP Covers - Gaskets, Hardware, Etc.	1			RMC
MISC	Plans	Sump Pump	1			RMC
MISC	Plans	Exhaust Fans	1			RMC

Initial Submittals	98	65	1
Resubmittals	59	39	1
Total Submittals	157	104	2
	<div style="border: 1px solid black; padding: 2px; display: inline-block;">263</div>		

**ACTION
ITEM**

3C

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources

10/11/17

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

Subject: Inspection and Testing Services Master Contract Award

Executive Summary:

Construction inspection, soils testing, and material testing are required to administer work for various current and future capital projects, as they are designed and constructed. The current contract with RMA and Heider Engineering Services expires on December 31, 2017. Staff solicited proposals from 58 potential offerers for construction inspection, soils and material testing, and coating inspection services through PlanetBids. Twelve consultants responded to the Agency's Request for Proposal (RFP). Each proposal was evaluated by a four-member panel of Agency staff in accordance with the rating categories established in the RFP.

Based on the evaluation of capability, resources, and key personnel qualifications; project experience; National Association of Coating Engineers (NACE) certification; approach; procedure and methodology; pricing and rates; references; and contract and RFP exceptions, the panel determined that RMA Group, CTE Inc., and CSI Services submitted the best qualification proposals.

Staff is recommending award of three master three-year contracts with two one-year amendment options to RMA Group, CTE Inc., and CSI Services for a combined total amount of \$2,300,000.

Staff's Recommendation:

1. Approve a three-year master service contract for construction inspection and soils/material testing services on an "as needed" basis to RMA Group, for the not-to-exceed amount of \$1,000,000;
2. Approve a three-year master service contract for construction inspection and soils/material testing services on an "as needed" basis to CTE Inc., for the not-to-exceed amount of \$1,000,000;
3. Approve a three-year master service contract for coating inspection services on an "as-needed" basis to CSI Services, for the not-to-exceed amount of \$300,000; and
4. Authorize the General Manager to execute the master service contracts.

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

Account/Project Name:

Various current and future capital projects.

Fiscal Impact (explain if not budgeted):

There is no direct impact on the Agency's fiscal year budget as a result of this action. These contracts are for work which will be required on various projects and at various times throughout the next three years. The funding for this work is included in each individual project budget that requires soils and material testing and/or construction inspection services.

Full account coding (internal AP purposes only):

- - -
- - -

Project No.: Various Projects

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 Construction Inspection and Material Testing Master Contract Award is consistent with the IEUA's Business Goal of Business Practices specifically the Efficiency and Effectiveness objective that IEUA will 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 - PowerPoint
- Attachment 2 - RMA Group Contract
- Attachment 3 - CTE Inc. Contract
- Attachment 4 - CSI Services Contract

Inspection and Testing Services Master Contract Award



Background

- Services required for current and future capital projects
 - Construction Inspection – International Code Council (ICC) Certified
 - Design Soil Engineering
 - Construction Soil Engineering
 - Materials Testing per American Society for Testing and Materials (ASTM)/American Society of Mechanical Engineers (ASME)
- RFP posted on PlanetBids
 - Construction Inspection, Soils Testing, and Material Testing
 - Coating Inspection



Compaction Testing

Consultant Selection

- Evaluation and selection committee
 - Engineering and Construction Management Department
- 12 Proposals received on August 29, 2017
- Evaluation Criteria for consultant selection
 - Pricing and rates
 - Capability, resources, key personnel qualifications, and project experience
 - National Association of Coating Engineers (NACE) certifications
 - Methodology, procedure, and approach
 - Contract and RFP exceptions
 - References

Proposals Received	
	RMA Group
	CTE Inc.
	CSI Services
	Fenagh Engineering and Testing
	Koury Engineering
	MTGL, Inc.
	Ninyo & Moore
	Converse Consultants
	Amec Foster Wheeler
	American Engineering Laboratories
	Smith-Emery Laboratories
	United-Heider

Recommendation

- Approve a three-year master service contract for construction inspection and soils/material testing services on an “as needed” basis to RMA Group, for the not-to-exceed amount of \$1,000,000;
- Approve a three-year master service contract for construction inspection and soils/material testing services on an “as needed” basis to CTE Inc., for the not-to-exceed amount of \$1,000,000;
- Approve a three-year master service contract for coating inspection services on an "as-needed" basis to CSI Services, for the not-to-exceed amount of \$300,000; and
- Authorize the General Manager to execute the master service contracts.

The Construction Inspection and Material Testing Master Contract Award is consistent with the **IEUA's Business Goal of Business Practices** specifically the Efficiency and Effectiveness objective that IEUA will apply best industry practices in all processes to maintain or improve the quality and value of their services we provide to our member agencies and the public.



MASTER SERVICES CONTRACT NUMBER: 4600002421
FOR PROVISION OF
CONSTRUCTION INSPECTION AND
SOILS AND MATERIALS TESTING SERVICES

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 interchangeably as "IEUA" and "Agency") and R M A Group, Inc. with offices in Rancho Cucamonga, California (hereinafter referred to as "Consultant"), in order to establish mutually acceptable terms and conditions which will hold for and govern all "Task Order" releases subsequently issued under this Master Services Contract.

RECITALS

Whereas the Agency anticipates future need(s) to retain the services of the Consultant to provide inspection, soils and materials testing services on an "as needed" On-call or Task Order assignment basis;

Whereas the Consultant is willing to undertake performance of such as needed "On-call" or Task Order assignments under which the terms and conditions set forth herein shall apply;

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

1. **ORDER OF PRECEDENCE:** The documents referenced below constitute the Contract Documents and are each hereby incorporated herein. In the event of any conflicts or inconsistencies between any of the Contract Documents, the governing order of precedence shall be as follows:
 - a. Amendments to this Master Services Contract No. 4600002421.
 - b. Amendments to Task Order releases under this Master Services Contract.
 - c. Task Order releases under this Master Services Contract.
 - d. Master Services Contract Number 4600002421, General Terms and Conditions.
 - e. Agency's Request for Proposals Number RFP-MB-17-044
 - f. Consultant's Proposal dated August 29, 2017, incorporated herein by reference.

2. SCOPE OF WORK AND SERVICES: The Consultant shall provide all labor, materials, tools, machinery, equipment, and other items and services necessary to properly perform the work (hereinafter referred to as the "Work") as set forth and requested services on an "on-call" basis and/or by issuance of project-specific task orders for work that falls within the contract term. The firms selected for receipt of master contracts may subsequently and exclusively be bidding against each other on selected individual task-order statements of work released under this Master Services Contract, including exhibits and amendments hereto. The Work shall be carried out in accordance with the Contract Documents in a diligent and workman-like manner, utilizing qualified personnel and good and sufficient materials and equipment. Further, the Consultant shall perform only those work assignments as requested or authorized by Task Orders issued in conjunction with this Contract.

Ordering Provisions and Understandings:

Negotiation of Task Orders: Agency and Consultant each reserve and retain the right to negotiate the scope of work, price, and term of any specific Task Order. However, both parties agree that the various proposed labor and expense rates used to develop each Task Order's price will be consistent with those specified within **Attachment 1**, Consultant's Cost Proposal and Fee Schedule, attached hereto, referenced herein, and made a part hereof.

Task Order Price: A firm fixed price or not-to-exceed price for each Task Order will be addressed and authorized via the content of each specific Task Order.

Task Order Format: Each Task Order issued under this Master Services Contract will be based on **Attachment 2**, Sample Task Order Template.

Task Order Assignment Method:

- a. As the need for work arises, specific Statements of Work will be forwarded to all Consultants in possession of master services contracts for purposes of competitive proposal formulation. If the Consultant desires to propose for award of the work, the Consultant shall respond no-later-than the specified proposal submittal date/time, (which shall be not less than five [5] working days after solicitation issuance) with submittal of a price and technical proposal (if applicable) to perform the requested services. This proposal will be reviewed and, if selected by the Agency, negotiated (if required) to develop mutually-agreed-upon Task Order content and price. Each Task Order will designate a specific scope of work, schedule, firm-fixed or not-to-exceed compensation, and other specifications and terms particular to the Work. Upon agreement and execution by both parties, the Task Order will be released, a written notice-to-proceed order will be issued and the

Consultant may then begin performance of the Work provided for under the executed Task Order.

- b. There is neither a maximum nor minimum number of Task Orders that may be issued under this Contract. Further, there is no guarantee that any Task Orders will be released against this Contract. Conversely, multiple Task Orders may be issued requiring work in support of concurrent projects.
 - c. Any Task Order executed during the term of this Contract, and not completed within the term of this Contract, shall nevertheless be completed within the time specified in the Task Order. This Contract shall govern the rights and obligations of the parties with respect to that Task Order to the same extent as if it were being completed within the Contract's term.
 - d. Each Task Order executed hereunder, including any changes to or terminations of such Task Orders, shall be automatically incorporated into this Contract, and therefore shall be subject to the terms and conditions of this Contract.
3. TERM OF CONTRACT AND OPTION: The term of this Contract shall extend from the date of its execution through September 30, 2020, unless agreed to by both parties, reduced to writing, and amended to this Contract. Agency hereby reserves the right to extend two (2) one-year optional extensions to the Contract term.
 4. SCHEDULE: The Consultant shall complete the Work specified by each Task Order in accordance with the schedule established within said Task Order. All Work shall be fully finished no later than the date specified in said Task Order, unless terminated sooner or extended as provided for herein.
 5. INVOICING, COMPENSATION & PAYMENT: The Agency shall pay Consultant's properly executed invoices, subsequent to approval by the Project Manager, within forty-five (45) calendar days following receipt of the invoice. Payment will be withheld for any service which does not meet the requirements of this Contract or has proven unacceptable until such service is revised, resubmitted, and accepted by the Project Manager.

As compensation for work performed under this Contract, Agency shall pay Consultant, on a Fixed Price Level-of-Effort basis at the rates specified within Appendix A, Schedule of Rates attached hereto, referenced herein, and made a part hereof, up to the **NOT-TO-EXCEED total contract price established at \$1,000,000.00.**

Consultant's invoice must be submitted monthly, and shall include a breakdown by items completed, all associated labor categories provided, labor hours supplied and associated hourly rates, dates worked, the types and quantities of testing completed, the current

monthly amount due, and the cumulative amount invoiced to date against this Contract. Invoice shall not be submitted in advance and shall not be dated earlier than the actual date of submittal.

Consultant shall provide with their invoice certified payroll verifying that Consultant has paid prevailing wage in accordance with the Department of Industrial Relations requirements as stipulated in SB-854 (<http://www.dir.ca.gov/DIRNews/2017/2017-52.pdf>).

A separate invoice must be submitted for each project, and must reference the Contract Number 4600002421, Project Number, Project Name, request for inspection/testing, certified payroll, and daily reports for the project being billed. All invoices shall be submitted electronically with all required back-up to apgroup@ieua.org .

6. COMPENSATION AND CHANGES: As compensation for the Work satisfactorily performed against Task Order releases under this Contract, Agency shall pay Consultant in accordance with **Attachment 1** for time and materials task orders or, alternately, the established lump-sum or fixed price milestones in the case of firm fixed price Task Orders. Any additional services/costs must be approved in advance by the Agency's Contract Administrator and a subsequent Task Order, or Task Order Change Order, for the additional work must be issued and bi-laterally executed.
7. CONTROL OF THE WORK: Consultant shall perform the Work in compliance with the Task Order-specified Work Schedule. If performance of the Work falls behind schedule, the Consultant 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 Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule for consideration by the Project Manager.
8. FITNESS FOR DUTY:
 - A. Fitness: Consultant's 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. Confined Space Work:

1. Precautions and Programs:

a. The Consultant or Consultant shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work or the activities of subConsultants, suppliers, and others at the work site.

b. The Consultants or Consultants and subConsultants or subconsultants shall comply with the provisions of the Safety and Health Regulations for Construction, promulgated by the Secretary of Labor under Section 107 of the "Contract Work Hours and Safety Standards Act," as set forth in Title 29 C.F.R. If the Agency is notified of an alleged violation of the Occupational Safety and Health Standards referred to in this Section and it is established that there is a violation, the Consultant shall be subject to liquidated damages as provided in the Contract.

c. The Consultant or Consultants and all subConsultants or subconsultants shall comply with the provisions of the Occupational Safety and Health Standards, promulgated by the United States Secretary of Labor under the "Occupational Safety and Health Act of 1970," as set forth in Title 29, C.F.R. Where an individual State act on occupational safety and health standards has been approved by federal authority, then the provisions of said state act shall control.

d. The Consultant or Consultant shall take all necessary precautions for the safety of, and shall provide the necessary supervision, control, and direction to prevent damage, injury, or loss to:

- 1) All employees on the work or work site and other persons and organizations who may be affected thereby;
- 2) All the work and materials and equipment to be incorporated therein, whether in storage or on or off the work site; and
- 3) All other property at the site. Property of Consultant and all subConsultants left on-site shall be governed by **Exhibit C**, which is attached hereto, referenced herein, and made a part hereof. Signed copies shall remain on file with the IEUA Project Manager as part of the project file

e. Contract work requiring confined space entry must follow Cal-OSHA Regulation 8 CCR, Sections 5157 - 5158. This regulation requires the following to be submitted to IEUA for approval prior to the start of the project:

- 1) *Proof of training on confined space procedures, as defined in Cal-OSHA Regulation 8 CCR, Section 5157.* This regulation also requires the following to be submitted to IEUA for approval prior to the entry of a confined space:

2) *A written plan that includes identification of confined spaces within the construction site, alternate procedures where appropriate, Consultant provisions, specific procedures for permit-required and non-permit required spaces, and a rescue plan.*

f. The Consultant or Consultant must also submit a copy of their Safety Program or IIPP prior to the start of the project for approval by the Safety & Risk Department.

9. INSURANCE: During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

1. General Liability: 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 Consultant 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 Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

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 Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

C. Other Insurance Provisions: The policies are to contain, or be endorsed to contain, the following provisions:

1. 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 Consultant 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 Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or **both** 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 Consultant'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 Consultant'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 Consultant'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 Consultant 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

Consultant hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant 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: 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: Consultant shall furnish 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 Consultant'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: Consultant shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency, a Municipal Water District
Attn: Ms. Angela Witte, Risk Specialist
P.O. Box 9020
Chino Hills, CA 91709
Via Email: AWitte@ieua.org

10. LEGAL RELATIONS AND RESPONSIBILITIES

- A. Professional Responsibility: The Consultant 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 Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein, and is not an employee of the Agency.
- C. Observing Laws and Ordinances: The Consultant 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 Consultant 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 Consultant or its employees.

- D. Subcontracted Services: Any subcontracts for the performance of any services under this Contract shall be subject to the prior written approval of the Project Manager.
- E. Grant Funded Projects: The Consultant shall be responsible to comply with all grant requirements specified within any Task Order assignments. 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, Records Retention and Public Access to Records, and Compliance Review. Consultant shall inquire for each Task Order issued if work is grant funded.
- F. Liens: Consultant shall pay all sums of money that become due from any labor, services, materials or equipment furnished to Consultant on account of said services to be rendered or said materials to be furnished under this Contract and that may be secured by any lien against the Agency. Consultant shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.
- G. Indemnification: Consultant 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 Consultant, its directors, employees, agents and assigns, in the performance of work under this contract.
- H. 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.
- I. Equal Opportunity: During the performance of this Contract, the Consultant 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.
- J. Non-Conforming Work: Consultant represents that the Work and Documentation shall meet the standard of care of Consultant's profession. For a period of not less than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all agreed-to errors in the Work or Documentation, regardless of whether any such errors are brought to the attention

of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. 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, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract.

K. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant 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 mediation.
2. Any and all disputes during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant 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 Consultant 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 Consultant'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 Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for mediation with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of mediation, the parties hereto agree that there shall be a single neutral Mediator who shall be selected in the following manner:
 - a. The Demand for a Mediator shall include a list of five names of persons acceptable to the Consultant to be appointed as Mediator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person will be designated as Mediator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Mediator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Mediator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
 4. Joinder in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by an agreement mediator on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.
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 Consultant and/or the Consultant's subConsultant(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 Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency. Any reuse of such documents for other than the specific purpose, intended as stated herein, shall be at the sole risk of the user, and without liability or legal exposure to the Consultant.

Notwithstanding any provision to the contrary contained in this Contract, Consultant shall retain sole ownership to its preexisting information including but not limited to computer programs, software, standard details, figures, templates and specifications.

When transferring data in electronic media format, Consultant makes no representation as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by Consultant at the beginning of the Project.

Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within sixty (60) days of receipt, after which the Agency shall have deemed to have accepted the data transferred. Any errors detected within the sixty days will be corrected by the Consultant at no additional cost to the Agency. Consultant shall not be responsible to maintain documents stored in electronic media format after acceptance by the Agency. The original hard copy of the documents containing the professional engineer's seal shall take precedence over the electronic documents.

12. 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 Consultant of any requests for disclosure of any documents pertaining to Consultant.

In the event of litigation concerning disclosure of information Consultant 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 Consultant has marked "Confidential," "Proprietary," or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the California Public Records Act.

13. TITLE AND RISK OF LOSS:

- A. Documentation: Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant 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, 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. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Contract Administrator and/or Agency.

14. 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 Consultant in the performance of the Work, shall be governed by the following provisions:

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

B. No Additional Compensation: Nothing set forth in this Contract shall be deemed to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required hereby, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract.

15. INFRINGEMENT: Consultant 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.

Consultant 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 arising out of any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant 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.

16. 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, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Consultant: Slawek Dymerski
Vice President
RMA Group, Inc.
12130 Santa Margarita Court
Rancho Cucamonga, California 91730

Any notice given hereunder 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.

17. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant 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.
18. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultants' records related to the work assigned by subsequent Task Orders. 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 Consultant. The Consultant 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 agreement of the Agency and the Consultant as to those matters contained herein. 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 Consultant.
20. GOVERNING LAW: This Agreement is to be governed by and constructed in accordance with the laws of the State of California.
21. TERMINATION FOR CONVENIENCE: The Agency reserves and has the right to immediately suspend, cancel or terminate this Agreement at any time upon written notice to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.
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, etc.
23. CHANGES: The Agency may, at any time, make changes to a given Task Order's Scope of Work, including additions, reductions, and changes to any or all of the Work, as directed in writing via a Task Order Change Order issued by the Agency and executed by both Parties. The Task Order Change Order will, if warranted, convey any associated change to the established Task Order price and/or performance schedule.
24. NOTICE TO PROCEED: No services shall be performed or furnished under this Master Services Contract unless and until an associated Task Order has bi-laterally executed and issued to the Consultant.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)

R M A GROUP, INC.:

P. Joseph Grindstaff
General Manager

(Date)



Edward Lewis Perry Lyon
President

9/27/17
(Date)

Attachment 1



August 29, 2017
17-1602-P

Inland Empire Utilities Agency
Municipal Water District
Attn: Mia Beltran, Contracts Administrator II
6075 "A" Kimball Avenue
Chino, CA 91708

RE: SOILS / MATERIAL TESTING & CONSTRUCTION INSPECTION | RFP-MB-17-044

Dear Ms. Beltran:

RMA Group is pleased to submit herein our proposed cost proposal and fee schedule to perform the soil / material testing and inspection services for the Inland Empire Utilities Agency. Our proposal was submitted separately in response to your request for proposals. Our fee proposal / rate / fee schedule (attachment A) is included on the following pages along with our standard rate schedule which represents our proposed personnel rates for our staff that would be assigned to your project, as well as unit costs for laboratory materials testing. Our general conditions for minimum call out charges, overtime charges, and reimbursable expenses are described in the final page of the attached schedule of fees.

As the Vice President of the firm, I am duly authorized to bind RMA Group to all statements and representations made herein and represent the authenticity of the information as presented.

Sincerely,

Slawek Dymerski, PE, GE
Vice President

**ATTACHMENT A
PROPOSAL RATE/FEE SCHEDULE**

Offerors shall fully complete this Proposal Price Schedule and return it with their submittal. All proposed prices and fees shall be held firm-fixed throughout the anticipated three (3) year (October 1, 2017 through August 31, 2020) contract performance period (other than prevailing wage classifications, which shall be paid in accordance with the current year prevailing wage determination as made by the Department of Industrial Relations (DIR)), and shall include costs associated with **all**, equipment, materials, transportation, overhead, travel, profit, insurance, sales and other taxes, licenses, incidentals, and all other related costs necessary to provide the required soils / materials testing and related services.

DESCRIPTION PROPOSED UNIT RATE

1. AGGREGATE

a. Moisture Content	\$6.00
b. Organic Impurities	\$50.00
c. Percent Clay in Sands by Hydrometer	\$165.00
d. Sieve analysis – Fine and Coarse Including Wash	\$135.00
e. Sieve Analysis – Coarse (Retained on No. 4)	\$95.00
f. Sieve Analysis – Fine (Passing No. 4)	\$115.00

2. ASPHALT TESTING

a. Maximum Density of Mix by Marshall Method (pre-mixed)	\$210.00
b. Maximum Density of Mix by Hveem Method (pre-mixed)	\$210.00
c. Marshall Stability and Flow (pre-compacted)	\$175.00
d. Marshall Stability and Flow (lab compacted)	\$195.00
e. Maximum Theoretical Specific Gravity – Rice Test	\$150.00

3. CONCRETE

a. Concrete Cylinder Cured and/or Compression Tested	\$23.00
b. Cylinder Molds - 6" x 12" (No Charge if Tested)	\$1.50
c. Compression Tests on Cores - 8" maximum diameter (included trimming)	\$25.00
d. Concrete Mix Design Review – Calculation Only	\$125.00

4. MASONRY

a. Compression Test – Masonry Unit	\$25.00
b. Compression Test – Masonry Assemblage (8 x 8 x 16 inch prism or smaller)	\$ 75.00
c. Compression Test – Mortar Specimens (2 x 4 cylinder)	\$ 18.00
d. Block, 24 hour Absorption	\$ 20.00

e. Brick, 24 hour Absorption \$20.00

5. REINFORCING STEEL

a. Tension – No. 8 or Smaller \$35.00
b. Tension – No. 11 or Smaller \$50.00
c. Tension – No. 18 or Smaller \$95.00

6. STRUCTURAL STEEL

a. Tension – Coupons \$50.00

7. SOILS

a. Consolidation (no time rates) \$175.00
b. Consolidation (with one time rate) \$200.00
c. Expansion Index (UBC Standard 29-2) \$150.00
d. Direct Shear \$175.00
e. R-Value (CAL 301) \$190.00
f. Sand Equivalent (CAL 217) \$75.00
g. Mechanical Sieve Analysis with wash \$125.00
h. Coarse Fraction Sieve Analysis (Retained on No. 4) \$90.00
i. Fine Fraction Sieve Analysis including wash (Passing No. 4) \$110.00
j. Maximum Density – Optimum Moisture (ASTM D1557) \$170.00
k. Lab Density and Moisture Determinations \$10.00

HOURLY RATE [Prevailing wage rates shall be paid for applicable classifications and shall adjust in accordance with DIR determinations]

8. ENGINEERING OFFICE

a. Data Entry \$43.00
b. Draftsman \$60.00
c. Principal Civil Engineer \$160.00
d. Principal Engineering Geologist \$160.00
e. Project Engineer \$140.00
f. Project Engineer Geologist \$140.00
g. Secretarial \$50.00
h. Staff Engineer \$120.00
i. Staff Geologist \$120.00

9. INSPECTOR – TECHNICIAN

a. Special Inspector – Pre-Stressed Concrete (ICC) \$87.00
b. Special Inspector – Reinforced Concrete (ICC) \$87.00

c. Special Inspector – Concrete Batch Plant	\$ <u>87.00</u>
d. Special Inspector – High Strength Bolts (ICC)	\$ <u>87.00</u>
e. Special Inspector – Masonry (ICC)	\$ <u>87.00</u>
f. Special Inspector – Structural Steel Fabrication (ICC)	\$ <u>87.00</u>
g. Special Inspector – Welding (AWS-CWI)	\$ <u>87.00</u>
h. Special Inspector – Fireproofing (ICC)	\$ <u>87.00</u>
i. Special Inspector – Timber	\$ <u>100.00</u>
j. Anchors – Pull Tests	\$ <u>87.00</u>
k. Bolt – Torque Tests	\$ <u>87.00</u>
l. Liquid Penetrants – Level II	\$ <u>90.00</u>
m. Magnetic Particle Technician – Level II	\$ <u>90.00</u>
n. Ultrasonic Technician – Level II	\$ <u>90.00</u>
o. Ultrasonic Technician – Level III	\$ <u>150.00</u>
p. Radiographic Examination	\$ <u>250.00</u>
q. Supervising Special Inspector	\$ <u>120.00</u>
r. Concrete Technician (ACI)	\$ <u>86.00</u>
s. Pick-Up and Delivery of Test Samples	\$ <u>55.00</u>
t. Soils Technician	\$ <u>86.00</u>
u. Supervising Soils Technician	\$ <u>110.00</u>
v. Public Works Inspector – Asphalt Paving	\$ <u>87.00</u>
w. Public Works Inspector – Asphalt Plant	\$ <u>87.00</u>
x. Public Works Inspector – Concrete Plant	\$ <u>87.00</u>
y. Public Works Inspector – Resident Inspection	\$ <u>110.00</u>
z. Supervising Public Works Inspector	\$ <u>110.00</u>
aa. Coring	\$ <u>110.00</u>

10. COATINGS INSPECTION

a. NACE International Certified Level II Coatings Inspector(s)	\$ <u>100.00</u>
b. NACE International Certified Level III Coatings Inspector(s)	\$ <u>100.00</u>

(Other: Specify)

Vehicle mileage reimbursement:

\$ 0.00 / mile

\$ _____

\$ _____

[Remainder Of Page Intentionally Left Blank]

PROPOSAL SIGNATURE FORM
ALL COMPLETED RATE/FEE SCHEDULES MUST BE ACCOMPANIED BY
THIS COMPLETE, SIGNED FORM

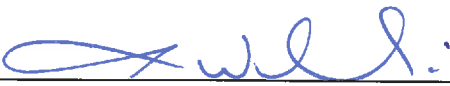
Each Offeror shall indicate the availability and the magnitude of any discount related to prompt payment of any or all invoices (i.e. if Net 10, then 2% discount).

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

If Net 10, then 2% % discount

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 EXECUTE A CONTRACT OF SIMILAR TO THAT DISPLAYED UNDER ATTACHMENT D.

Offeror has thoroughly read this RFP and agrees to all the terms and conditions stipulated herein, except as stated within the "EXCEPTIONS FORM" submitted with Offeror's proposal.

 _____ Offeror's Signature	RMA Group _____ Company Name
Slawek Dymerski _____ Printed Name	001676 _____ Business License Number
Vice President _____ Title	8/29/2017 _____ Date

PERSONNEL RATES

Professional and Office Staff

Staff Type	Rate/Cost
Principal Engineer / Geologist	\$160.00 /hour
Project Engineer / Geologist	\$140.00 /hour
Project Manager	\$125.00 /hour
Quality Control Manager	\$135.00 /hour
Qualified SWPPP Developer	\$135.00 /hour
Qualified SWPPP Practitioner	\$125.00 /hour
Staff Engineer / Geologist	\$120.00 /hour
Drafting	\$60.00 /hour
Administrative	\$50.00 /hour

Inspectors and Technicians

Staff Type	Rate/Cost
Laboratory Technician	\$75.00 /hour
Soils Engineering Technician	\$86.00 /hour
Public Works Technician	\$86.00 /hour
Batch Plant Inspector	\$87.00 /hour
ACI Concrete Technician	\$86.00 /hour
Pull Torque Testing Technician	\$86.00 /hour
Coring Technician	\$86.00 /hour
Public Works Inspector	\$87.00 /hour
Special Inspector (ICC)	\$87.00 /hour
Special Inspector Coatings (NACE)	\$100.00 /hour
Special Inspector DSA Masonry	\$87.00 /hour
Special Inspector Wood Construction	\$100.00 /hour
AWS Certified Welding Inspector – Field	\$87.00 /hour
AWS Certified Welding Inspector – Shop	\$87.00 /hour
Non-Destructive Testing ASNT Level II	\$90.00 /hour
Non-Destructive Testing ASNT Level III	\$150.00 /hour
Radiographic Testing Crew	\$250.00 /hour
Inspector of Record DSA Class I	\$110.00 / hour
Inspector of Record DSA Class II	\$90.00 /hour
Building Inspector	\$95.00 /hour
Mechanical / Electrical Inspector	\$98.00 /hour
Project Inspector (IOR)	\$95.00 /hour
Qualified SWPPP Practitioner	\$115.00 /hour
SWPPP Inspector	\$90.00 /hour
Field Supervisor	\$110.00 /hour
Pick-up and Delivery of Test Specimens	\$55.00 /hour

EXPLORATORY AND FIELD TESTING EQUIPMENT

Description	Rate/Cost
Dutch Cone Penetrometer with Operator	\$320.00 /hour
Hollow Stem Auger Drill Rig with Operator	\$375.00 /hour
Portable Drilling Equipment with Operator	\$395.00 /hour
Bucket Auger Drill Rig with Operator	\$450.00 /hour
Air Rotary Drill Rig with Operator	\$475.00 /hour
Rotary Wash Drill Rig with Operator	\$475.00 /hour
Dutch Cone / Drilling Equipment Mobilization	\$600.00 /each
Mobile Laboratory	\$500.00 /day
Diamond Bit Core Rig and Generator	\$130.00 /hour
Field Truck with Equipment	\$30.00 /day
Nuclear Density Test Gage	\$25.00 /day
Hand Held Turbidity Meter	\$15.00 /day
Ultrasonic Test Unit and Consumables	\$25.00 /day
Magnetic Particle Test Unit	\$15.00 /day
Skidmore	\$30.00 /day
Schmidt Hammer	\$20.00 /day
Torque Wrench	\$20.00 /day
Proof Load Testing Equipment	\$45.00 /day
Ground Penetrating Radar	\$1,000.00 /day

Schedule of Fees

Inertial Profiler	\$1,800.00 /day
ASTM C1028 Coefficient of Friction	\$400.00 /day
Mini Environmental Quality Meter	\$300.00 /day
Slab Moisture Test Kit	\$50.00 /each
Profilograph with Data Recorder	\$265.00 /hour
pH Meter	\$10.00 /day

LABORATORY TESTS

Aggregate Tests

Description	Rate/Cost
ASTM C131 Abrasion, Los Angeles Rattler	\$190.00 /each
ASTM C40 Organic Impurities in Fine Agg	\$50.00 /each
ASTM D4791 Flat & Elongated Particles	\$225.00 /each
ASTM D5821 Percent Fractured Particles	\$100.00 /each
ASTM C123 Percent Lightweight Particles	\$200.00 /each
ASTM C566 Moisture Content by Drying	\$6.00 /each
ASTM C1252 Angularity and Voids in Fine Agg	\$125.00 /each
ASTM C117 Materials Finer than No. 200	\$75.00 /each
ASTM C289 Potential Alkali Silica Reaction	\$350.00 /each
ASTM D2419 Sand Equivalent Value	\$100.00 /each
ASTM C136 Sieve Analysis-Combined Sample	\$135.00 /each
ASTM C136 Sieve Analysis-Fine Aggregate	\$115.00 /each
ASTM C136 Sieve Analysis-Coarse Aggregate	\$95.00 /each
ASTM C88 Soundness by Sodium Sulfate	\$400.00 /each
ASTM C127 Specific Gravity of Coarse Agg	\$105.00 /each
ASTM C128 Specific Gravity of Fine Agg	\$140.00 /each
ASTM C142 Clay and Friable Particles	\$205.00 /each
AASHTO T304 Angularity and Voids in Fine Agg	\$135.00 /each
AASHTO T84 Specific Gravity, Fine Agg	\$195.00 /each
AASHTO T85 Specific Gravity, Coarse Agg	\$165.00 /each
AASHTO T96 Abrasion, Los Angeles Rattler	\$275.00 /each
AASHTO T27 Sieve Analysis, Combined Agg	\$195.00 /each
AASHTO T27 Sieve Analysis, Fine Agg	\$165.00 /each
AASHTO T27 Sieve Analysis, Coarse Agg	\$150.00 /each
AASHTO T176 Sand Equivalent	\$135.00 /each
AASHTO T335 Crushed Particles	\$165.00 /each

Asphalt Tests

Description	Rate/Cost
ASTM D2726 Core Density (SSD)	\$35.00 /each
ASTM D1188 Core Density Parafilm Coated	\$40.00 /each
ASTM D6926 Lab Max Density Marshall Method	\$195.00 /each
ASTM D6927 Marshall Stability and Flow	\$210.00 /each
ASTM D1561 LTMD Kneading Compactor	\$250.00 /each
ASTM D1560 Hveem Stability	\$235.00 /each
ASTM D1560 Hveem Stability and Density	\$210.00 /each
ASTM D2041 Maximum Theoretical Density	\$150.00 /each
ASTM D6307 Asphalt Content by Ignition	\$150.00 /each
ASTM D6307 Ignition Oven Calibration	\$300.00 /each
ASTM D2172 Asphalt Content by Solvents	\$225.00 /each
ASTM D4125 Asphalt Content by Nuclear Gauge	\$175.00 /each
ASTM D5444 Gradation of Extracted Aggregate	\$165.00 /each
ASTM D244 Emulsion Residue, Evaporation	\$175.00 /each
ASTM D244 Emulsion Sieve Analysis	\$115.00 /each
ASTM D3910 Wet Tract Abrasion	\$150.00 /each
AASHTO T324 Hamburg Wheel Tracking Test	\$990.00 /each
AASHTO T283 Tensile Strength Ratio	\$800.00 /each
AASHTO T312 Core Density Paraffin Coated	\$55.00 /each
AASHTO T312/T275 LTMD Gyrotory Compactor	\$360.00 /each
AASHTO T308 Asphalt Content by Ignition	\$205.00 /each
AASHTO T308A Ignition Oven Calibration	\$385.00 /each
AASHTO T209 Theoretical Maximum Density	\$215.00 /each

Schedule of Fees

LABORATORY TESTS

Concrete Tests

Description	Rate/Cost
Mix Design Review – Calculations Only	\$125.00 /each
ASTM C39 Concrete Cylinder Cured or Tested	\$23.00 /each
ASTM C39 Cylinder Tested out of Sequence	\$45.00 /each
ASTM C39 Compressive Strength - Core	\$25.00 /each
ASTM C495 Lightweight Concrete Strength	\$45.00 /each
ASTM C78 Flexural Strength - Beam	\$85.00 /each
ASTM C39 Gunita Cyl Compression Test	\$35.00 /each
ASTM C157 Linear Shrinkage (Set of 3)	\$450.00 /each
ASTM C138 Unit Weight of Concrete	\$60.00 /each
ASTM C469 Concrete Modulus of Elasticity	\$225.00 /each
ASTM C495 Oven Dry Density Light Weight Concrete	\$195.00 /each
ASTM C496 Splitting Tensile Strength	\$95.00 /each
ASTM C1140 Shotcrete Panel Test	\$275.00 /each
AASHTO T336 Coefficient of Thermal Expansion	\$500.00 /each

Caltrans Tests

Description	Rate/Cost
CT 202 Sieve Analysis-Combined Sample	\$155.00 /each
CT 202 Sieve Analysis-Fine Aggregate	\$135.00 /each
CT 202 Sieve Analysis-Coarse Aggregate	\$115.00 /each
CT 204 Plasticity Index Atterberg	\$195.00 /each
CT 205 Percentage Crushed Particles	\$135.00 /each
CT 206 Specific Gravity of Coarse Aggregate	\$105.00 /each
CT 207 Specific Gravity of Fine Aggregate	\$135.00 /each
CT 208 Apparent Specific Gravity of Fines	\$145.00 /each
CT 209 Specific Gravity of Soils	\$175.00 /each
CT 211 Abrasion by Los Angeles Rattler	\$190.00 /each
CT 213 Organic Impurities in Sand	\$95.00 /each
CT 214 Soundness by Sodium Sulfate	\$400.00 /each
CT 216 California Impact Max Density	\$185.00 /each
CT 216 CA Impact Max Dens - Rock Correction	\$45.00 /each
CT 217 Sand Equivalent Value	\$100.00 /each
CT 226 Moisture Content by Oven Drying	\$12.00 /each
CT 227 Cleanness Value	\$235.00 /each
CT 229 Durability Index	\$275.00 /each
CT 234 Angularity & Voids Fine Aggregate	\$125.00 /each
CT 235 Flat and Elongated Particles	\$225.00 /each
CT 301 Resistance R-Value Stabilometer	\$225.00 /each
CT 302 Film Stripping	\$295.00 /each
CT 303 Approximate Bitumen Ratio	\$250.00 /each
CT 304/308 LTMD Kneading Compactor	\$220.00 /each
CT 305 Swell of Bituminous Mixtures	\$285.00 /each
CT 308 (A) Core Density Paraffin Coated	\$35.00 /each
CT 308 (C) Core Density SSD	\$30.00 /each
CT 308, CT 366 Stability & Density	\$245.00 /each
CT 309 Maximum Theoretical Density	\$175.00 /each
CT 366 Stabilometer Value	\$205.00 /each
CT 370 Moisture Content by Microwave	\$75.00 /each
CT 371 Tensile Strength Ratio	\$1,100.00 /each
CT 379 Asphalt Content Nuclear Gauge	\$175.00 /each
CT 382 Asphalt Content, Correction Factor	\$300.00 /each
CT 382 Asphalt Content by Ignition Oven	\$150.00 /each
CT 417 Soluble Sulfates	\$45.00 /each
CT 422 Chloride Content	\$60.00 /each
CT 515 Relative Mortar Strength, PCC Sand	\$600.00 /each
CT 521 Concrete Compressive Strength	\$27.00 /each
CT 523 Conc Flexural Strength - Beam	\$85.00 /each
CT 531 Length of Drilled Concrete Cores	\$45.00 /each
CT 534 Water Retention, Liq Curing Cmpnd	\$425.00 /each
CT 550 Surface Abrasion of Concrete	\$400.00 /each
CT 643 Resistivity and pH	\$95.00 /each

LABORATORY TESTS

Masonry Tests

Description	Rate/Cost
ASTM C140 Block Compressive Strength	\$25.00 /set
ASTM C140 Block Moisture & Absorption	\$20.00 /set
ASTM C426 Block Linear Shrinkage	\$275.00 /set
ASTM C140 Block Unit Wt & Dimensions	\$195.00 /set
ASTM C90 Masonry Block Conformance	\$550.00 /set
ASTM C67 Brick Compressive Strength	\$85.00 /set
ASTM C67 Brick Moisture & Absorption	\$20.00 /set
ASTM C67 Brick 5 Hour Boil	\$95.00 /each
ASTM C67 Brick Modulus of Rupture	\$95.00 /each
ASTM C780 Mortar Cylinder Compression	\$18.00 /each
ASTM C1019 Grout Prism Compression	\$30.00 /each
ASTM C1314 Masonry Core Cmp Str 8" max dia	\$75.00 /each
ASTM C1314 Masonry Core Shear 8" max dia	\$75.00 /each
ASTM E519 Assemblage Comp Str 8" Block	\$75.00 /each
ASTM E519 Assemblage Comp Str 12" Block	\$110.00 /each
ASTM E519 Assemblage Comp Str 16" Block	\$135.00 /each
ASTM C109 Compression Test 2" Cube	\$35.00 /each

Soils Tests

Description	Rate/Cost
ASTM D4318 Plasticity Index of Soils	\$205.00 /each
ASTM D1883 CA Bearing Ratio of Soils	\$475.00 /each
ASTM D2435 Consolidation	\$175.00 /each
ASTM D2435 Consolidation, with Time Rate	\$200.00 /each
ASTM D3080 Direct Shear, Consol & Drained	\$175.00 /each
ASTM D4829 Expansion Index of Soils	\$150.00 /each
ASTM D2166 Unconfined Comp Strength	\$270.00 /each
ASTM D2434 Const Head Permeability Test	\$390.00 /each
ASTM D5333 Hydro-Collapse Potential	\$185.00 /each
ASTM D2050 Tri-Axial Shear Strength	\$350.00 /each
ASTM D422 Hydrometer Analysis	\$165.00 /each
ASTM D854 Specific Gravity of Soils	\$175.00 /each
ASTM D4546 Swell Potential	\$175.00 /each
ASTM D4943 Shrinkage Factor by Resin	\$190.00 /each
ASTM D559 Soil Cement Sample Preparation	\$85.00 /each
ASTM D558 Soil Cement Maximum Density	\$210.00 /each
ASTM D1633 Compression Test Soil Cement	\$65.00 /each
ASTM D2937 In-Place Density, Drive Cylinder	\$10.00 /each
ASTM D2216 Soil Moisture Content by Mass	\$6.00 /each
ASTM D698 Maximum Density Std Effort	\$185.00 /each
ASTM D1557 Max Density Optimum Moisture	\$170.00 /each
ASTM D2974 Moisture, Ash, Organic Matter	\$75.00 /each
ASTM D4972 pH of Soils	\$60.00 /each
ASTM D2844 R-Value & Expansion Pressures	\$190.00 /each
ASTM D2419 Sand Equivalent	\$75.00 /each
ASTM D422 Sieve Analysis of Soils	\$125.00 /each
ASTM D1140 Materials Finer than #200	\$110.00 /each
AASHTO T100 Specific Gravity of Soils	\$220.00 /each

Reinforcing Steel Bars

Description	Rate/Cost
ASTM A370 Rebar Tension up to #8	\$30.00 /each
ASTM A370 Rebar Tension #9 to #11	\$35.00 /each
ASTM A370 Rebar Tensibn #14	\$ 50.00 /each
ASTM A370 Rebar Tension #18	\$95.00 /each
ASTM A370 Tension Test – Structural Steel	\$350.00 /each
ASTM E290 Bend Test Rebar up to #8	\$35.00 /each
ASTM E290 Bend Test Rebar #9 to #11	\$45.00 /each
ASTM E290 Bend Test Rebar #14	\$ 90.00 /each
ASTM E290 Bend Test Rebar # 18	\$135.00 /each



RMA Group

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Schedule of Fees

LABORATORY TESTS

Mechanical Splices of Reinforcing Steel

Description	Rate/Cost
CT670 Tensile Strength up to #8	\$55.00 /each
CT670 Tensile Strength #8 - #11	\$95.00 /each
CT670 Tensile Strength #14	\$110.00 /each
CT670 Tensile Strength #18	\$165.00 /each
CT 52-1-08C Slip Test	\$165.00 /each

Operator Qualifications Reinforcing Steel Bar Splicing

Description	Rate/Cost
CT670 Op Qual Ult Butt Splice to #8	\$385.00 /each
CT670 Op Qual Ult Butt Splice #9 - #11	\$440.00 /each
CT670 Op Qual Ult Butt Splice #14	\$660.00 /each
CT670 Op Qual Ult Butt Splice #18	\$935.00 /each
CT670 Op Qual Service Splice to #8	\$330.00 /each
CT670 Op Qual Service Splice #9 - #11	\$385.00 /each
CT670 Op Qual Service Splice #14	\$495.00 /each
CT670 Op Qual Service Splice #18	\$660.00 /each

Production Lot Reinforcing Steel Bar Splicing

Description	Rate/Cost
CT670 Production Lot up to #8 (Service)	\$275.00 /lot
CT670 Production Lot #9 to #11 (Service)	\$330.00 /lot
CT670 Production Lot #14 (Service)	\$440.00 /lot
CT670 Production Lot #18 (Service)	\$600.00 /lot
CT670 Production Lot up to #8 (Ultimate)	\$330.00 /lot
CT670 Production Lot #9 to #11 (Ultimate)	\$385.00 /lot
CT670 Production Lot #14 (Ultimate)	\$605.00 /lot
CT670 Production Lot #18 (Ultimate)	\$825.00 /lot

Headed Reinforcing Steel Bars

Description	Rate/Cost
ASTM A370 Headed Bar Tensile up to #8	\$220.00 /lot
ASTM A370 Headed Bar Tensile #9 to #11	\$275.00 /lot
ASTM A370 Headed Bar Tensile #14	\$420.00 /lot
ASTM A370 Headed Bar Tensile #18	\$550.00 /lot

Prestressing Wires

Description	Rate/Cost
ASTM A416 Stress-Strain Analysis	\$195.00 /each
ASTM A416 Tensile Test Only	\$140.00 /each

LABORATORY TESTS

Structural Steel Tests

Description	Rate/Cost
ASTM A370 Tensile Up to 100K lbs (Each)	\$55.00 /each
ASTM A370 Tensile Up to 200K lbs (Each)	\$65.00 /each
ASTM A370 Tensile Up to 300K lbs (Each)	\$75.00 /each
ASTM A370 Tensile Up to 400K lbs (Each)	\$125.00 /each
ASTM A370 Tensile Up to 500K lbs (Each)	\$330.00 /each
ASTM A370 Tensile Stress-Strain Percent Offset	\$165.00 /each
AWS Weld: Macrotech	\$85.00 /each
AWS Weld: Fracture	\$55.00 /each
AWS Bend Test	\$55.00 /each
ASTM A370 Rockwell Hardness (Each)	\$85.00 /each
Steel Chemical Analysis	\$165.00 /each
Welding Procedure Review	\$550.00 /each

High Strength Bolts

Description	Rate/Cost
ASTM F606 Bolt Axial Tensile to 7/8"	\$45.00 /each
ASTM F606 Bolt Wedge Tensile to 7/8"	\$65.00 /each
ASTM F606 Bolt: Axial 7/8" - 1 1/2"	\$70.00 /each
ASTM F606 Bolt Wedge Tensile 7/8" to 1 1/2"	\$85.00 /each
ASTM F606 Bolt: Proof Load Test up to 7/8"	\$75.00 /each
ASTM F606 Bolt: Proof Load Test up to 1 1/2"	\$95.00 /each
ASTM F606 Nut: Proof Load Test up to 7/8"	\$50.00 /each
ASTM F606 Nut: Proof Load Test up to 1 1/2"	\$75.00 /each

Spray Applied Fire Proofing Tests

Description	Rate/Cost
ASTM E605 Spray Applied Fireproofing Density	\$75.00 /each



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General Charges

- RMA Group requires twenty-four (24) hour prior notification for scheduling inspectors and/or technicians.
- Inspection charges start at the scheduled show up time at the job site. All inspection hours will be billed in the following increments:
 - o There will be a minimum two (2) hour charge for any RMA Group employee presence on site.
 - o Any time less than four (4) hours of work will be billed as four (4) hours.
 - o Four (4) to eight (8) hours will be billed as eight (8) hours.
- When personnel are required to work in excess of 5 hours without an uninterrupted meal period of 30 minutes, due to project constraints, ½ hour will be charged at double time rates in addition to any applicable hours worked.
- Rates are valid through June 30, 2018. Rates for personnel will increase by 5% per year on July 1st of each subsequent year.
- Certified Payroll Reports will be prepared upon request. There will be a \$75.00 charge for each certified payroll report.
- Outside services will be billed at cost plus 15% unless billed directly to and paid for by Client.
- Requests made by client for management attendance at meetings at the project site will be charged at standard rate.

Overtime Charges

- Work performed in excess of 8 hours per day and/or up to eight (8) hours on Saturdays will be billed at 1.5 times the unit rate.
- Work performed on Sunday, recognized holidays, or in excess of eight (8) hours on Saturdays will be billed at 2.0 times the unit rate.
- A 20% surcharge will be applied for laboratory tests performed on a Saturday or Sunday.

Per Diem and Travel Charges

- An \$100.00 charge per day will be applied when our personnel are required to stay overnight at remote locations.
- Time will be billed at the unit rate while traveling to a remote location or if a location requires an overnight stay
- Mileage for travel outside a 50 mile radius from either the project site or the nearest RMA facility whichever is closest, will be charged at a rate of \$0.55 per mile.

Night Work

- A \$10.00 per hour surcharge will be added to all personnel rates for work performed during night shifts.

Attachment 2

Attachment 2

SAMPLE TASK ORDER

Date: XXXXXXXXXXXX

Task Order Number: XXX

Consultant: XXXXXXXXXXXX

Contract Number: 460000XXXX

Project / Task Description:

I. RECITALS

This Task Order is issued for the procurement of services needed in conjunction with Agency Project No. XXXXXXXX .

Agency and Consultant previously entered into Master Services Contract No. 460000XXXX. Except as otherwise specified herein, all terms and conditions of that Agreement are incorporated into this Task Order via this reference.

II. TASK ORDER AGREEMENTS

- Scope of Work: Consultant shall furnish the qualified personnel, equipment, materials, and supplies necessary to perform the work described in the attached Statement of Work.
- Period of Performance: XXXXXX through XXXXXX. All work is to be performed in a timely manner and in accordance with the Project Manager's schedule.
- Compensation: Authorized total payments to Consultant for performance of this time-and-materials Task Order shall sum to a total not-to-exceed price of \$ XXXXXXXX. (NOTE: Compensation is based on submitted fees rates included in the Master Services Contract.)
- Assigned Personnel: The below-listed named personnel are assigned to direct the performance of this Task Order on behalf of the respective Parties.

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

Project Manager: XXXXXXXXXXXXXXXX
Address: 6075 Kimball Ave, Bldg. X
Chino, California 91708
Telephone: (909) 993-XXXX
Facsimile: (909) XXXXXXXX
Email: XXXXXXXX@ieua.org

CONSULTANT ASSIGNMENT: Special inquiries related to this Agreement and the effects of this Agreement shall be referred to the following:

Consultant: XXXXXXXXXXXXXXXXXXXX
Project Manager: XXXXXXXXXXXXXXXXXXXX
Address: XXXXXXXXXXXXXXXXXXXX

Telephone:
Facsimile:
Email:

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

5. Task Order Modifications: No communication, either written or oral, by other than written and bi-laterally executed change order shall be effective to modify or otherwise affect the provisions of this Task Order.

III. SIGNATURES

Inland Empire Utilities Agency:

XXXXXXXXXXXXXXXXXXXX:

Date: _____

Date: _____

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MASTER SERVICES CONTRACT NUMBER: 4600002423
FOR PROVISION OF
CONSTRUCTION INSPECTION AND
SOILS AND MATERIALS TESTING SERVICES

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 interchangeably as "IEUA" and "Agency") and Construction Testing and Engineering, South, Inc., dba CTE South, Inc. with offices in Riverside, California (hereinafter referred to as "Consultant"), in order to establish mutually acceptable terms and conditions which will hold for and govern all "Task Order" releases subsequently issued under this Master Services Contract.

RECITALS

Whereas the Agency anticipates future need(s) to retain the services of the Consultant to provide inspection, soils and materials testing services on an "as needed" On-call or Task Order assignment basis;

Whereas the Consultant is willing to undertake performance of such as needed "On-call" or Task Order assignments under which the terms and conditions set forth herein shall apply;

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

1. **ORDER OF PRECEDENCE:** The documents referenced below constitute the Contract Documents and are each hereby incorporated herein. In the event of any conflicts or inconsistencies between any of the Contract Documents, the governing order of precedence shall be as follows:
 - a. Amendments to this Master Services Contract No. 4600002423.
 - b. Amendments to Task Order releases under this Master Services Contract.
 - c. Task Order releases under this Master Services Contract.
 - d. Master Services Contract Number 4600002423, General Terms and Conditions.
 - e. Agency's Request for Proposals Number RFP-MB-17-044
 - f. Consultant's Proposal dated August 29, 2017, incorporated herein by reference.

SCOPE OF WORK AND SERVICES: The Consultant shall provide all labor, materials, tools, machinery, equipment, and other items and services necessary to properly perform the work (hereinafter referred to as the “Work”) as set forth and requested services on an “on-call” basis and/or by issuance of project-specific task orders for work that falls within the contract term. The firms selected for receipt of master contracts may subsequently and exclusively be bidding against each other on selected individual task-order statements of work released under this Master Services Contract, including exhibits and amendments hereto. The Work shall be carried out in accordance with the Contract Documents in a diligent and workman-like manner, utilizing qualified personnel and good and sufficient materials and equipment. Further, the Consultant shall perform only those work assignments as requested or authorized by Task Orders issued in conjunction with this Contract.

2.

Ordering Provisions and Understandings:

Negotiation of Task Orders: Agency and Consultant each reserve and retain the right to negotiate the scope of work, price, and term of any specific Task Order. However, both parties agree that the various proposed labor and expense rates used to develop each Task Order’s price will be consistent with those specified within **Attachment 1**, Consultant’s Cost Proposal and Fee Schedule, attached hereto, referenced herein, and made a part hereof.

Task Order Price: A firm fixed price or not-to-exceed price for each Task Order will be addressed and authorized via the content of each specific Task Order.

Task Order Format: Each Task Order issued under this Master Services Contract will be based on **Attachment 2**, Sample Task Order Template.

Task Order Assignment Method:

- a. As the need for work arises, specific Statements of Work will be forwarded to all Consultants in possession of master services contracts for purposes of competitive proposal formulation. If the Consultant desires to propose for award of the work, the Consultant shall respond no-later-than the specified proposal submittal date/time, (which shall be not less than five [5] working days after solicitation issuance) with submittal of a price and technical proposal (if applicable) to perform the requested services. This proposal will be reviewed and, if selected by the Agency, negotiated (if required) to develop mutually-agreed-upon Task Order content and price. Each Task Order will designate a specific scope of work, schedule, firm-fixed or not-to-exceed compensation, and other specifications and terms particular to the Work. Upon agreement and execution by both parties, the Task Order will

be released, a written notice-to-proceed order will be issued and the Consultant may then begin performance of the Work provided for under the executed Task Order.

- b. There is neither a maximum nor minimum number of Task Orders that may be issued under this Contract. Further, there is no guarantee that any Task Orders will be released against this Contract. Conversely, multiple Task Orders may be issued requiring work in support of concurrent projects.
 - c. Any Task Order executed during the term of this Contract, and not completed within the term of this Contract, shall nevertheless be completed within the time specified in the Task Order. This Contract shall govern the rights and obligations of the parties with respect to that Task Order to the same extent as if it were being completed within the Contract's term.
 - d. Each Task Order executed hereunder, including any changes to or terminations of such Task Orders, shall be automatically incorporated into this Contract, and therefore shall be subject to the terms and conditions of this Contract.
3. TERM OF CONTRACT AND OPTION: The term of this Contract shall extend from the date of its execution through September 30, 2020, unless agreed to by both parties, reduced to writing, and amended to this Contract. Agency hereby reserves the right to extend two (2) one-year optional extensions to the Contract term.
4. SCHEDULE: The Consultant shall complete the Work specified by each Task Order in accordance with the schedule established within said Task Order. All Work shall be fully finished no later than the date specified in said Task Order, unless terminated sooner or extended as provided for herein.
5. INVOICING, PAYMENT DISCOUNT & PAYMENT: The Agency shall pay Consultant's properly executed invoices, subsequent to approval by the Project Manager, within forty-five (45) calendar days following receipt of the invoice. Payment will be withheld for any service which does not meet the requirements of this Contract or has proven unacceptable until such service is revised, resubmitted, and accepted by the Project Manager.

As compensation for work performed under this Contract, Agency shall pay Consultant, on a Fixed Price Level-of-Effort basis at the rates specified within Appendix A, Schedule of Rates attached hereto, referenced herein, and made a part hereof, up to the **NOT-TO-EXCEED total contract price established at \$1,000,000.00.**

Consultant's invoice must be submitted monthly, and shall include a breakdown by items completed, all associated labor categories provided, labor hours supplied and associated

hourly rates, dates worked, the types and quantities of testing completed, the current monthly amount due, and the cumulative amount invoiced to date against this Contract. Invoice shall not be submitted in advance and shall not be dated earlier than the actual date of submittal.

Consultant shall provide with their invoice certified payroll verifying that Consultant has paid prevailing wage in accordance with the Department of Industrial Relations requirements as stipulated in SB-854 (<http://www.dir.ca.gov/DIRNews/2017/2017-52.pdf>).

A separate invoice must be submitted for each project, and must reference the Contract Number 4600002421, Project Number, Project Name, request for inspection/testing, certified payroll, and daily reports for the project being billed. All invoices shall be submitted electronically with all required back-up to apgroup@ieua.org .

6. COMPENSATION AND CHANGES: As compensation for the Work satisfactorily performed against Task Order releases under this Contract, Agency shall pay Consultant in accordance with **Attachment 1** for time and materials task orders or, alternately, the established lump-sum or fixed price milestones in the case of firm fixed price Task Orders. Any additional services/costs must be approved in advance by the Agency's Contract Administrator and a subsequent Task Order, or Task Order Change Order, for the additional work must be issued and bi-laterally executed.
7. CONTROL OF THE WORK: Consultant shall perform the Work in compliance with the Task Order-specified Work Schedule. If performance of the Work falls behind schedule, the Consultant 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 Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule for consideration by the Project Manager.
8. FITNESS FOR DUTY:
 - A. Fitness: Consultant's 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. Confined Space Work:

1. Precautions and Programs:

a. The Consultant or Consultant shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work or the activities of subConsultants, suppliers, and others at the work site.

b. The Consultants or Consultants and subConsultants or subconsultants shall comply with the provisions of the Safety and Health Regulations for Construction, promulgated by the Secretary of Labor under Section 107 of the "Contract Work Hours and Safety Standards Act," as set forth in Title 29 C.F.R. If the Agency is notified of an alleged violation of the Occupational Safety and Health Standards referred to in this Section and it is established that there is a violation, the Consultant shall be subject to liquidated damages as provided in the Contract.

c. The Consultant or Consultants and all subConsultants or subconsultants shall comply with the provisions of the Occupational Safety and Health Standards, promulgated by the United States Secretary of Labor under the "Occupational Safety and Health Act of 1970," as set forth in Title 29, C.F.R. Where an individual State act on occupational safety and health standards has been approved by federal authority, then the provisions of said state act shall control.

d. The Consultant or Consultant shall take all necessary precautions for the safety of, and shall provide the necessary supervision, control, and direction to prevent damage, injury, or loss to:

- 1) All employees on the work or work site and other persons and organizations who may be affected thereby;
- 2) All the work and materials and equipment to be incorporated therein, whether in storage or on or off the work site; and
- 3) All other property at the site. Property of Consultant and all subConsultants left on-site shall be governed by **Exhibit C**, which is attached hereto, referenced herein, and made a part hereof. Signed copies shall remain on file with the IEUA Project Manager as part of the project file

e. Contract work requiring confined space entry must follow Cal-OSHA Regulation 8 CCR, Sections 5157 - 5158. This regulation requires the following to be submitted to IEUA for approval prior to the start of the project:

- 1) *Proof of training on confined space procedures, as defined in Cal-OSHA Regulation 8 CCR, Section 5157. This regulation also requires the following to be submitted to IEUA for approval prior to the entry of a confined space:*
- 2) *A written plan that includes identification of confined spaces within the construction site, alternate procedures where appropriate, Consultant provisions, specific procedures for permit-required and non-permit required spaces, and a rescue plan.*

f. The Consultant or Consultant must also submit a copy of their Safety Program or IIPP prior to the start of the project for approval by the Safety & Risk Department.

9. **INSURANCE:** During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

A. **Minimum Scope of Insurance:** Coverage shall be at least as broad as:

1. **General Liability:** 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 Consultant 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 Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

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 Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

C. Other Insurance Provisions: The policies are to contain, or be endorsed to contain, the following provisions:

1. 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 Consultant 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 Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or **both** 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 Consultant'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 Consultant'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 Consultant'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 Consultant 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

Consultant hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant 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: 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: Consultant shall furnish 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 Consultant'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: Consultant shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency, a Municipal Water District
Attn: Ms. Angela Witte, Risk Specialist
P.O. Box 9020
Chino Hills, CA 91709
Via Email: AWitte@ieua.org

10. LEGAL RELATIONS AND RESPONSIBILITIES

A. Professional Responsibility: The Consultant 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 Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein, and is not an employee of the Agency.

C. Observing Laws and Ordinances: The Consultant 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 Consultant 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 Consultant or its employees.

- D. Subcontracted Services: Any subcontracts for the performance of any services under this Contract shall be subject to the prior written approval of the Project Manager.
- E. Grant Funded Projects: The Consultant shall be responsible to comply with all grant requirements specified within any Task Order assignments. 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, Records Retention and Public Access to Records, and Compliance Review. Consultant shall inquire for each Task Order issued if work is grant funded.
- F. Liens: Consultant shall pay all sums of money that become due from any labor, services, materials or equipment furnished to Consultant on account of said services to be rendered or said materials to be furnished under this Contract and that may be secured by any lien against the Agency. Consultant shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.
- G. Indemnification: Consultant 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 Consultant, its directors, employees, agents and assigns, in the performance of work under this contract.
- H. 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.
- I. Equal Opportunity: During the performance of this Contract, the Consultant 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.
- J. Non-Conforming Work: Consultant represents that the Work and Documentation shall meet the standard of care of Consultant's profession. For a period of not less

than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all agreed-to errors in the Work or Documentation, regardless of whether any such errors are brought to the attention of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. 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, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract.

K. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant 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 mediation.
2. Any and all disputes during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant 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 Consultant 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 Consultant'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 Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for mediation with the

Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of mediation, the parties hereto agree that there shall be a single neutral Mediator who shall be selected in the following manner:
 - a. The Demand for a Mediator shall include a list of five names of persons acceptable to the Consultant to be appointed as Mediator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person will be designated as Mediator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Mediator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Mediator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
4. Joinder in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by an agreement mediator on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.

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 Consultant and/or the Consultant's subConsultant(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 Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency. Any reuse of such documents for other than the specific purpose, intended as stated herein, shall be at the sole risk of the user, and without liability or legal exposure to the Consultant.

Notwithstanding any provision to the contrary contained in this Contract, Consultant shall retain sole ownership to its preexisting information including but not limited to computer programs, software, standard details, figures, templates and specifications.

When transferring data in electronic media format, Consultant makes no representation as to long term compatibility, usability, or readability of documents resulting from the use of

software application packages, operating systems, or computer hardware differing from those used by Consultant at the beginning of the Project.

Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within sixty (60) days of receipt, after which the Agency shall have deemed to have accepted the data transferred. Any errors detected within the sixty days will be corrected by the Consultant at no additional cost to the Agency. Consultant shall not be responsible to maintain documents stored in electronic media format after acceptance by the Agency. The original hard copy of the documents containing the professional engineer's seal shall take precedence over the electronic documents.

12. 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 Consultant of any requests for disclosure of any documents pertaining to Consultant.

In the event of litigation concerning disclosure of information Consultant 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 Consultant has marked "Confidential," "Proprietary," or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the California Public Records Act.

13. TITLE AND RISK OF LOSS:

- A. Documentation: Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant 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, 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. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Contract Administrator and/or Agency.

14. 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 Consultant in the performance of the Work, shall be governed by the following provisions:
1. Proprietary Rights conceived, developed, or reduced to practice by Consultant in the performance of the Work shall be the property of Agency, and Consultant shall cooperate with all appropriate requests to assign and transfer same to Agency.
 2. If Proprietary Rights conceived, developed, or reduced to practice by Consultant prior to the performance of the Work are used in and become integral with the Work or Documentation, or are necessary for Agency to have complete enjoyment of the Work or Documentation, Consultant shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation.
 3. If the Work or Documentation includes the Proprietary Rights of others, Consultant shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.
- B. No Additional Compensation: Nothing set forth in this Contract shall be deemed to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required hereby, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract.
15. INFRINGEMENT: Consultant 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.

Consultant 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 arising out of any claim that use of the

Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant 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.

16. **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, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Consultant: Thomas Gaeto
President
CTE South, Inc.
145 Meridian Parkway, Suite "A"
Riverside, California 92518

Any notice given hereunder 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.

17. **SUCCESSORS AND ASSIGNS:** All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant 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.
18. **RIGHT TO AUDIT:** The Agency reserves the right to review and/or audit all Consultants' records related to the work assigned by subsequent Task Orders. 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 Consultant. The Consultant 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 agreement of the Agency and the Consultant as to those matters contained herein. 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 Consultant.
20. **GOVERNING LAW:** This Agreement is to be governed by and constructed in accordance with the laws of the State of California.
21. **TERMINATION FOR CONVENIENCE:** The Agency reserves and has the right to immediately suspend, cancel or terminate this Agreement at any time upon written notice to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.
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, etc.
23. **CHANGES:** The Agency may, at any time, make changes to a given Task Order's Scope of Work, including additions, reductions, and changes to any or all of the Work, as directed in writing via a Task Order Change Order issued by the Agency and executed by both Parties. The Task Order Change Order will, if warranted, convey any associated change to the established Task Order price and/or performance schedule.
24. **NOTICE TO PROCEED:** No services shall be performed or furnished under this Master Services Contract unless and until an associated Task Order has bi-laterally executed and issued to the Consultant.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)

**CONSTRUCTION TESTING AND
ENGINEERING, SOUTH, INC., DBA CTE
SOUTH, INC.:**

P. Joseph Grindstaff
General Manager

(Date)



Thomas Gaeto
President

9/28/17
(Date)

Attachment 1



Schedule of Fees

While considering our proposal please keep in mind that all of our rates include distribution of reports.

Schedule of Fees and Services		
	Price Per Hour	CA Prevailing Wage Rate
<u>PROFESSIONAL ENGINEERING STAFF</u>		
Principal Engineer / Geologist	\$150	\$150
Senior Engineer / Geologist / Architect	\$130	\$130
Licensed Land Surveyor	\$130	\$130
Project Engineer / Geologist / Architect	\$110	\$110
Environmental Consultant / Registered Environmental Assessor	\$100	\$100
Staff Engineer / Geologist / Architect	\$100	\$100
One-Man Survey Crew & Equipment	\$150	\$190
Two-Man Survey Crew & Equipment	\$170	\$230
Three-Man Survey Crew & Equipment	\$210	\$295
Survey Technician	\$85	\$90
QSP Services	\$85	\$90
<u>INSPECTION SERVICES & QUALITY CONTROL</u>		
Pile Driving Inspector / Deep Foundation Inspector	\$90	\$100
Mechanical / Electrical / Plumbing Inspector	\$85	\$100
Soil Technician	\$75	\$95
Registered Special Inspector (Concrete, Masonry, Welding, Pre-Stress, Fireproofing)	\$70	\$92
Field Technician I (ACI)	\$70	\$90
Concrete Technician (ACI)	\$70	\$90
Roofing / Waterproofing Inspector	\$85	\$100
Roofing / Waterproofing Consultant	QUOTE	QUOTE
Inspector of Record / DSA / OSHPD Inspector	QUOTE	QUOTE
Quality Control Representative	QUOTE	QUOTE
Submittal Reviewer	QUOTE	QUOTE
QC Plan Preparation	QUOTE	QUOTE
<u>NON-DESTRUCTIVE TESTING SERVICES</u>		
Non-Destructive Testing Inspector (Ultrasonic, magnetic particle, dye penetrate)	\$80	\$100
Metallic Surface Coatings (Paint or Fluorescent Fireproofing)	QUOTE	QUOTE
Radiographic (low power portable and laboratory available)	QUOTE	QUOTE
<u>SPECIAL SERVICES</u>		
Vertical Coring / Sawing Operator & Equipment (Horizontal extra)	\$110	\$110
Floor Flatness Testing	\$110	\$110
Mobilization / Demobilization - flat rate	\$100	\$100
Reinforcing Steel Location	\$90	\$90
Anchor Pull Tests - up to 30 tons	\$75	\$97
Batch Plant Inspector	\$75	\$97
Procedure Qualification per AWS, ASME or Military Standards	QUOTE	QUOTE
<u>SUPPORT SERVICES</u>		
Certificate of Completion	\$250	
Draftsman	\$90	
Express Mail (FEDEX/UPS) (minimum)	\$40	
Facsimile (each page)	\$1	
File Search, re-issue of report, copies (minimum)	\$90	
Pickup/Delivery (50 mile radius of CTE office)	\$90	
Administration/Certified Payroll/Word Processing/Secretarial (per hour)	\$65	
Sample Pick-up	\$90 / Hr	
Sample Pick-up (Large)	\$90 / Hr	



Laboratory - Schedule of Fees and Services			
Test Procedure	Price per Specimen	ASTM Designation	Other Method Used
<u>SOILS</u>			
California Bearing Ratio (CBR)	\$360	D1883	---
Cement Treated Base, Laboratory Design - Soil Cement, Each Set	\$530	D558 / D1633	
Cement Treated Base, Laboratory Compaction (Moisture Density-Each Curve)	\$275	D558	
Cement Treated Base, Sample Fabrication & Compression- Per Point	\$85	D558 / D1633	CTM 312
Chloride Content of Soil	\$70	---	---
Consolidations - Per Point	\$200	D2435	---
Direct Shear Test	\$195 to \$245	D3080	---
Expansion Index	\$150	D4829	UBC 18-2
Hydrometer (Particle Size Analysis)	\$180	D422	---
Laboratory Compaction Test - 4" Mold (Moisture Density-Each Curve)	\$175	D1557 / D698	CTM 216
Laboratory Compaction Test - 6" Mold (Moisture Density-Each Curve)	\$190	D1557 / D698	CTM 216
Laboratory Compaction Test - 4" or 6" Mold Requiring Rock Correction	\$225	D1557 / D4718	
Moisture Content	\$25	D2216	---
Moisture & Density	\$40	D2937	---
No. 200 Sieve Wash	\$60	D1140	---
Plasticity Index / Liquid Limit/Atterburg Limits	\$120	D4318	---
Permeability Test - Constant Head			
Fine Grained Soil	\$210	D5084	---
Granular Soil	\$350	D2434	---
R - Value (Minimum 3 pts.)	\$240	D2844	CTM 301
Resistivity and pH of Soil	\$150	D4972	CTM 643
Sand Equivalent	\$100	D2419	CTM 217
Shrinkage Limit	\$90	D427	---
Soil Classification w/ Atterburg & Gradation	\$245	D2487	---
Sulfate Content of Soil	\$80	---	---
Organic Content (Organic Burn)	\$65	D2974	
<u>AGGREGATES</u>			
Aggregate Conformance Testing for State of California Projects (Includes: Sieve Analysis, Specific Gravity, No. 200 Wash, Organic Impurities, Unit Weight)	\$220	---	---
Clay Lumps and Friable Particles	\$90	C142	---
Cleanness Value	\$80	---	CTM 227
Crushed Particles, Percent	\$120	---	CTM 205
Durability Index, Coarse Aggregate	\$110	D3744	CTM 229
Durability Index, Fine Aggregate	\$100	D3744	CTM 229
Los Angeles Rattler	\$160	C131 or C535	CTM 211
Organic Impurities in Sand	\$50	C40	---
Sieve Analysis (Gradation), Coarse Aggregate	\$60	C136	---
Sieve Analysis (Gradation), Fine & Coarse Aggregate (Including 200 Wash)	\$80	C136	---
Specific Gravity & Absorption, Fine Aggregate	\$70	C128	---
Specific Gravity & Absorption, Coarse Aggregate	\$60	C127	---
Sodium Sulfate Soundness (Per Size Fraction)	\$70	C88	---
Unit Weight per Cubic Foot, Voids in Aggregate	\$60	C29	---



Laboratory - Schedule of Fees and Services			
Test Procedure	Price per Specimen	ASTM Designation	Other Method Used
<u>ASPHALT CONCRETE</u>			
Asphalt Mix Design	QUOTE	Marshall & Hveem	---
Asphalt Mix Design Review	\$150	---	---
Extraction, % Asphalt (Including Gradation of Extracted Aggregate)	\$200	D6307 / D5444	CTM 382
Extraction, % Asphalt	\$100	D6307	CTM 382
Hveem Stability & Unit Weight	\$160	D1560 / D1561	CTM 304, 308, 366
Marshall Stability, Flow & Unit Weight (Three Specimens)	\$160	D6926 / D6927	---
Maximum Theoretical Unit Weight (Rice Specific Gravity)	\$150	D2041	---
Tensile Strength Ratio (TSR)	\$500	D4867	---
Unit Weight Compacted Sample or Core (Bulk Specific Gravity)	\$60	D2726	CTM 308
<u>CONCRETE</u>			
Compression Tests, 6x12" Cylinder	\$20	C39	---
Compression Tests, 4X8" Cylinder	\$18	C39	---
Compression Tests, Cores - Shotcrete/Gunite Panels, (3 Cut Cores per Panel)	\$175	C42 / C1604	---
Compression Tests, Core - Shotcrete/Concrete/Gunite (Includes Sample Preparation)	\$60	C42 / C1604	---
Compression Tests, Lightweight Concrete Fill	\$50	C495	---
Concrete Flexural Test, 6x6x18" Flex Beam	\$80	C78	---
Concrete Mix Design	QUOTE	---	---
Concrete Mix Design (Hourly by Engineer)	QUOTE	---	---
Drying Shrinkage (3 Specimens-28 Days)	\$200	C157 (Mod)	---
Modulus of Elasticity, Static	\$85	C469	---
Splitting Strength Test - Concrete Cylinders	\$90	C496	---
Trial Batch, Includes Mix Design, Aggregate Testing & Six Compression Tests	\$750	---	---
Unit Weight, Lightweight Concrete Fill	\$50	C495	---
<u>MASONRY</u>			
Absorption Test, Brick	\$50	C67	---
Absorption Test, CMU Block	\$60	C140 / C90	---
Compression Test, Brick	\$45	C67	---
Compression Test, Composite Prism (Half Size 8 x 16 x 8")	\$95	C1314	UBC 21-17
Compression Test, Composite Prism (Full Size 8 x 16 x 16")	\$110	C1314	UBC 21-17
Compression Test, CMU Block (Full Size or Coupon)	\$50	C140 / C90	---
Compression Tests, High Strength Grout/Mortar Cube (2x2")	\$25	C109	---
Compression Tests, Grout	\$25	C1019	UBC 21-18
Compression Tests, Mortar, 2x4" cylinder	\$20	C39 / C780	UBC 21-16
Conformance Package	\$400	C90	---
Efflorescence, Block & Brick	\$30	C-90 / C67	---
In-Place Shear Test (per test)	\$80	---	UBC 21-6
Linear Shrinkage	\$100	C426	---
Modulus of Rupture, Brick	\$50	C67	---
Moisture as Received, Brick	\$25	C67	---
Saturation Co-Efficient (Includes Absorption) Brick	\$40	C67	---
Shear Test, Core (Excludes Sample Preparation)	\$100	---	CBC Title 24



Laboratory - Schedule of Fees and Services				
Test Procedure	Price per Specimen		ASTM Designation	Other Method Used
	(≤7/8" Dia.)	(1-1 1/4")		
<u>STEEL</u>				
High Strength Bolt, DSA Conformance (Bolt=Wedge Tensile, Proof Load=Nut & Bolt)	\$145	\$230	F606 / A325 / A490	---
High Strength Bolt, Bolt - Axial Tensile Strength	\$60	\$60	F606 / A325 / A490	---
High Strength Bolt, Bolt - Wedge Tensile Strength	\$60	\$90	F606 / A325 / A490	---
High Strength Bolt, Bolt - Proof Load	\$50	\$80	F606 / A325 / A490	---
High Strength Bolt, Nut - Proof Load	\$35	\$60	F606 / A563	---
Mechanical Tests, Hardness Test, Rockwell (Includes Nut, Bolt, & Washer)	\$50		E18	---
Prestressed Steel, Tensile Test, Strand (7 wire)	\$145		---	---
Reinforcing Steel, Bend Test - No. 11 Bars & Smaller	\$35		A615 / A706	---
Reinforcing Steel, Bend Test - No.14 Bars	\$50		A615 / A706	---
Reinforcing Steel, Tensile Test - No. 11 Bars & Smaller	\$35		A615 / A706	---
Reinforcing Steel, Tensile Test - No. 14 Bars & Larger (To Min. Requirement Only)	\$50		A615 / A706	---
Mechanically Spliced Reinforcing Steel	\$80		---	---
Spray Applied Fireproofing Density Tests				
Oven Dry Method	\$75		E 605	UBC 7-6
Structural Steel, Tensile Test - Up to 200,000 lbs.	\$40		A 370	---
Structural Steel, Bend Test.	\$30		---	---
Structural Steel, Pipe Flattening Test	\$30		---	---
Welded Specimens, Tensile Test - No. 11 Bars & Smaller	\$32		---	---
Welded Specimens, Tensile Test - No. 14 Bars	\$60		---	---
Welded Specimens, Tensile Test - No. 18 Bars (To Min. Require. Only)	\$80		---	---
Welded Specimens, Tensile Testing - Mechanically Spliced Bar	\$80		---	---
<u>ROOFING</u>				
Asbestos Evaluation (per ply)	\$60		---	---
Asphalt Softening Point	\$150		---	---
Roofing Material Analysis, With Surfacing	\$450		D 2829	---
Roofing Material Analysis, Without Surfacing	\$225		D 3617	---
Roofing Tile, Absorption (set of 5)	\$150		---	---
Roofing Tile, Strength Test (set of 5)	\$150		---	---
<u>WELDING CERTIFICATION</u>				
American Welding Society (AWS D1.1)	---		---	---
Limited Thickness Plate (per position)	\$200		---	---
Unlimited Thickness Plate (per position)	\$230		---	---
Pipe (per position)	\$230		---	---
American Welding Society (AWS D1.4)	---		---	---
Bar Sizes #3 through #9 (each)	\$200		---	---
Bar Sizes #10 through #11 (each)	\$230		---	---
Bar Sizes #14 through #18 (each)	\$250		---	---
American Society of Mechanical Engineers (ASME)	---		---	---
Plate or Pipe Procedure Qualification (each)	\$550		---	---
Plate or Pipe Welder Qualification (each)	\$550		---	---
American Welding Society (AWS D1.3)	---		---	---
Light Gauge Metal (includes butt and plug weld)	\$180		---	---
Procedure Qualification per AWS, ASME or Military Standards	QUOTE		---	---
Fillet Weld Test (Break and Etch Test)	\$180		---	---
Fillet Weld Test Plates	\$50		---	---
Ultrasonic Testing of Weld Coupons	\$100		---	---
Witness time, If Required	\$100		---	---

Attachment 2

Attachment 2

SAMPLE TASK ORDER

Date: XXXXXXXXXXXX

Task Order Number: XXX

Consultant: XXXXXXXXXXXX

Contract Number: 460000XXXX

Project / Task Description:

I. RECITALS

This Task Order is issued for the procurement of services needed in conjunction with Agency Project No. XXXXXXXX .

Agency and Consultant previously entered into Master Services Contract No. 460000XXXX. Except as otherwise specified herein, all terms and conditions of that Agreement are incorporated into this Task Order via this reference.

II. TASK ORDER AGREEMENTS

- Scope of Work: Consultant shall furnish the qualified personnel, equipment, materials, and supplies necessary to perform the work described in the attached Statement of Work.
- Period of Performance: XXXXXX through XXXXXX. All work is to be performed in a timely manner and in accordance with the Project Manager's schedule.
- Compensation: Authorized total payments to Consultant for performance of this time-and-materials Task Order shall sum to a total not-to-exceed price of \$ XXXXXXXX. (NOTE: Compensation is based on submitted fees rates included in the Master Services Contract.)
- Assigned Personnel: The below-listed named personnel are assigned to direct the performance of this Task Order on behalf of the respective Parties.

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

Project Manager: XXXXXXXXXXXXXXXX
Address: 6075 Kimball Ave, Bldg. X
Chino, California 91708
Telephone: (909) 993-XXXX
Facsimile: (909) XXXXXXXX
Email: XXXXXXXX@ieua.org

CONSULTANT ASSIGNMENT: Special inquiries related to this Agreement and the effects of this Agreement shall be referred to the following:

Consultant: XXXXXXXXXXXXXXXXXXXX
Project Manager: XXXXXXXXXXXXXXXXXXXX
Address: XXXXXXXXXXXXXXXXXXXX

Telephone:
Facsimile:
Email:

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

5. Task Order Modifications: No communication, either written or oral, by other than written and bi-laterally executed change order shall be effective to modify or otherwise affect the provisions of this Task Order.

III. SIGNATURES

Inland Empire Utilities Agency:

XXXXXXXXXXXXXXXXXXXX:

Date: _____

Date: _____

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MASTER SERVICES CONTRACT NUMBER: 4600002422
FOR PROVISION OF
COATING INSPECTION SERVICES

THIS CONTRACT (the "Contract"), is made and entered into this ____ day of _____, 2016, 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 interchangeably as "IEUA" and "Agency") and Coating Specialists and Inspection Services, Inc., dba CSI Services, Inc. with offices in Santa Clarita, California (hereinafter referred to as "Consultant"), in order to establish mutually acceptable terms and conditions which will hold for and govern all "Task Order" releases subsequently issued under this Master Services Contract.

RECITALS

Whereas the Agency anticipates future need(s) to retain the services of the Consultant to provide inspection, soils and materials testing services on an "as needed" On-call or Task Order assignment basis;

Whereas the Consultant is willing to undertake performance of such as needed "On-call" or Task Order assignments under which the terms and conditions set forth herein shall apply;

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

1. **ORDER OF PRECEDENCE:** The documents referenced below constitute the Contract Documents and are each hereby incorporated herein. In the event of any conflicts or inconsistencies between any of the Contract Documents, the governing order of precedence shall be as follows:
 - a. Amendments to this Master Services Contract No. 4600002422.
 - b. Amendments to Task Order releases under this Master Services Contract.
 - c. Task Order releases under this Master Services Contract.
 - d. Master Services Contract Number 4600002422, General Terms and Conditions.
 - e. Agency's Request for Proposals Number RFP-MB-17-044
 - f. Consultant's Proposal dated August 29, 2017, incorporated herein by reference.

SCOPE OF WORK AND SERVICES: The Consultant shall provide all labor, materials, tools, machinery, equipment, and other items and services necessary to properly perform the work (hereinafter referred to as the "Work") as set forth and requested services on an "on-call" basis and/or by issuance of project-specific task orders for work that falls within the contract term. The firms selected for receipt of master contracts may subsequently and exclusively be bidding against each other on selected individual task-order statements of work released under this Master Services Contract, including exhibits and amendments hereto. The Work shall be carried out in accordance with the Contract Documents in a diligent and workman-like manner, utilizing qualified personnel and good and sufficient materials and equipment. Further, the Consultant shall perform only those work assignments as requested or authorized by Task Orders issued in conjunction with this Contract.

2.

Ordering Provisions and Understandings:

Negotiation of Task Orders: Agency and Consultant each reserve and retain the right to negotiate the scope of work, price, and term of any specific Task Order. However, both parties agree that the various proposed labor and expense rates used to develop each Task Order's price will be consistent with those specified within **Attachment 1**, Consultant's Cost Proposal and Fee Schedule, attached hereto, referenced herein, and made a part hereof.

Task Order Price: A firm fixed price or not-to-exceed price for each Task Order will be addressed and authorized via the content of each specific Task Order.

Task Order Format: Each Task Order issued under this Master Services Contract will be based on **Attachment 2**, Sample Task Order Template.

Task Order Assignment Method:

- a. As the need for work arises, specific Statements of Work will be forwarded to all Consultants in possession of master services contracts for purposes of competitive proposal formulation. If the Consultant desires to propose for award of the work, the Consultant shall respond no-later-than the specified proposal submittal date/time, (which shall be not less than five [5] working days after solicitation issuance) with submittal of a price and technical proposal (if applicable) to perform the requested services. This proposal will be reviewed and, if selected by the Agency, negotiated (if required) to develop mutually-agreed-upon Task Order content and price. Each Task Order will designate a specific scope of work, schedule, firm-fixed or not-to-exceed compensation, and other specifications and terms particular to the Work. Upon agreement and execution by both parties, the Task Order will be released, a written notice-to-proceed order will be issued and the

Consultant may then begin performance of the Work provided for under the executed Task Order.

- b. There is neither a maximum nor minimum number of Task Orders that may be issued under this Contract. Further, there is no guarantee that any Task Orders will be released against this Contract. Conversely, multiple Task Orders may be issued requiring work in support of concurrent projects.
 - c. Any Task Order executed during the term of this Contract, and not completed within the term of this Contract, shall nevertheless be completed within the time specified in the Task Order. This Contract shall govern the rights and obligations of the parties with respect to that Task Order to the same extent as if it were being completed within the Contract's term.
 - d. Each Task Order executed hereunder, including any changes to or terminations of such Task Orders, shall be automatically incorporated into this Contract, and therefore shall be subject to the terms and conditions of this Contract.
3. TERM OF CONTRACT AND OPTION: The term of this Contract shall extend from the date of its execution through September 30, 2020, unless agreed to by both parties, reduced to writing, and amended to this Contract. Agency hereby reserves the right to extend two (2) one-year optional extensions to the Contract term.
 4. SCHEDULE: The Consultant shall complete the Work specified by each Task Order in accordance with the schedule established within said Task Order. All Work shall be fully finished no later than the date specified in said Task Order, unless terminated sooner or extended as provided for herein.
 5. INVOICING, COMPENSATION & PAYMENT: The Agency shall pay Consultant's properly executed invoices, subsequent to approval by the Project Manager, within forty-five (45) calendar days following receipt of the invoice. Payment will be withheld for any service which does not meet the requirements of this Contract or has proven unacceptable until such service is revised, resubmitted, and accepted by the Project Manager.

As compensation for work performed under this Contract, Agency shall pay Consultant, on a Fixed Price Level-of-Effort basis at the rates specified within Appendix A, Schedule of Rates attached hereto, referenced herein, and made a part hereof, up to the **NOT-TO-EXCEED total contract price established at \$300,000.00.**

Consultant's invoice must be submitted monthly, and shall include a breakdown by items completed, all associated labor categories provided, labor hours supplied and associated hourly rates, dates worked, the types and quantities of testing completed, the current

monthly amount due, and the cumulative amount invoiced to date against this Contract. Invoice shall not be submitted in advance and shall not be dated earlier than the actual date of submittal.

Consultant shall provide with their invoice certified payroll verifying that Consultant has paid prevailing wage in accordance with the Department of Industrial Relations requirements as stipulated in SB-854 (<http://www.dir.ca.gov/DIRNews/2017/2017-52.pdf>).

A separate invoice must be submitted for each project, and must reference the Contract Number 4600002422, Project Number, Project Name, request for inspection/testing, certified payroll, and daily reports for the project being billed. All invoices shall be submitted electronically with all required back-up to apgroup@ieua.org .

6. **COMPENSATION AND CHANGES:** As compensation for the Work satisfactorily performed against Task Order releases under this Contract, Agency shall pay Consultant in accordance with **Attachment 1** for time and materials task orders or, alternately, the established lump-sum or fixed price milestones in the case of firm fixed price Task Orders. Any additional services/costs must be approved in advance by the Agency's Contract Administrator and a subsequent Task Order, or Task Order Change Order, for the additional work must be issued and bi-laterally executed.

7. **CONTROL OF THE WORK:** Consultant shall perform the Work in compliance with the Task Order-specified Work Schedule. If performance of the Work falls behind schedule, the Consultant 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 Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule for consideration by the Project Manager.

8. **FITNESS FOR DUTY:**

A. **Fitness:** Consultant's 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. Confined Space Work:

1. Precautions and Programs:

a. The Consultant or Consultant shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work or the activities of subConsultants, suppliers, and others at the work site.

b. The Consultants or Consultants and subConsultants or subconsultants shall comply with the provisions of the Safety and Health Regulations for Construction, promulgated by the Secretary of Labor under Section 107 of the "Contract Work Hours and Safety Standards Act," as set forth in Title 29 C.F.R. If the Agency is notified of an alleged violation of the Occupational Safety and Health Standards referred to in this Section and it is established that there is a violation, the Consultant shall be subject to liquidated damages as provided in the Contract.

c. The Consultant or Consultants and all subConsultants or subconsultants shall comply with the provisions of the Occupational Safety and Health Standards, promulgated by the United States Secretary of Labor under the "Occupational Safety and Health Act of 1970," as set forth in Title 29, C.F.R. Where an individual State act on occupational safety and health standards has been approved by federal authority, then the provisions of said state act shall control.

d. The Consultant or Consultant shall take all necessary precautions for the safety of, and shall provide the necessary supervision, control, and direction to prevent damage, injury, or loss to:

1) All employees on the work or work site and other persons and organizations who may be affected thereby;

2) All the work and materials and equipment to be incorporated therein, whether in storage or on or off the work site; and

3) All other property at the site. Property of Consultant and all subConsultants left on-site shall be governed by **Exhibit C**, which is attached hereto, referenced herein, and made a part hereof. Signed copies shall remain on file with the IEUA Project Manager as part of the project file

e. Contract work requiring confined space entry must follow Cal-OSHA Regulation 8 CCR, Sections 5157 - 5158. This regulation requires the following to be submitted to IEUA for approval prior to the start of the project:

1) *Proof of training on confined space procedures, as defined in Cal-OSHA Regulation 8 CCR, Section 5157.* This regulation also requires the following to be submitted to IEUA for approval prior to the entry of a confined space:

2) A written plan that includes identification of confined spaces within the construction site, alternate procedures where appropriate, Consultant provisions, specific procedures for permit-required and non-permit required spaces, and a rescue plan.

f. The Consultant or Consultant must also submit a copy of their Safety Program or IIPP prior to the start of the project for approval by the Safety & Risk Department.

9. **INSURANCE:** During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

A. **Minimum Scope of Insurance:** Coverage shall be at least as broad as:

1. **General Liability:** 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 Consultant 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 Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

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 Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

C. **Other Insurance Provisions:** The policies are to contain, or be endorsed to contain, the following provisions:

1. 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 Consultant 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 Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or **both** 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 Consultant'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 Consultant'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 Consultant'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 Consultant 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

Consultant hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant 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: 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: Consultant shall furnish 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 Consultant'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: Consultant shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency, a Municipal Water District
Attn: Ms. Angela Witte, Risk Specialist
P.O. Box 9020
Chino Hills, CA 91709
Via Email: AWitte@ieua.org

10. LEGAL RELATIONS AND RESPONSIBILITIES

A. Professional Responsibility: The Consultant 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 Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein, and is not an employee of the Agency.

C. Observing Laws and Ordinances: The Consultant 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 Consultant 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 Consultant or its employees.

- D. Subcontracted Services: Any subcontracts for the performance of any services under this Contract shall be subject to the prior written approval of the Project Manager.
- E. Grant Funded Projects: The Consultant shall be responsible to comply with all grant requirements specified within any Task Order assignments. 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, Records Retention and Public Access to Records, and Compliance Review. Consultant shall inquire for each Task Order issued if work is grant funded.
- F. Liens: Consultant shall pay all sums of money that become due from any labor, services, materials or equipment furnished to Consultant on account of said services to be rendered or said materials to be furnished under this Contract and that may be secured by any lien against the Agency. Consultant shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.
- G. Indemnification: Consultant 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 Consultant, its directors, employees, agents and assigns, in the performance of work under this contract.
- H. 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.
- I. Equal Opportunity: During the performance of this Contract, the Consultant 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.
- J. Non-Conforming Work: Consultant represents that the Work and Documentation shall meet the standard of care of Consultant's profession. For a period of not less than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all agreed-to errors in the Work or Documentation, regardless of whether any such errors are brought to the attention

of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. 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, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract.

K. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant 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 mediation.
2. Any and all disputes during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant 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 Consultant 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 Consultant'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 Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for mediation with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of mediation, the parties hereto agree that there shall be a single neutral Mediator who shall be selected in the following manner:
 - a. The Demand for a Mediator shall include a list of five names of persons acceptable to the Consultant to be appointed as Mediator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person will be designated as Mediator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Mediator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Mediator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
4. Joinder in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by an agreement mediator on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.

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 Consultant and/or the Consultant's subConsultant(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 Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency. Any reuse of such documents for other than the specific purpose, intended as stated herein, shall be at the sole risk of the user, and without liability or legal exposure to the Consultant.

Notwithstanding any provision to the contrary contained in this Contract, Consultant shall retain sole ownership to its preexisting information including but not limited to computer programs, software, standard details, figures, templates and specifications.

When transferring data in electronic media format, Consultant makes no representation as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by Consultant at the beginning of the Project.

Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within sixty (60) days of receipt, after which the Agency shall have deemed to have accepted the data transferred. Any errors detected within the sixty days will be corrected by the Consultant at no additional cost to the Agency. Consultant shall not be responsible to maintain documents stored in electronic media format after acceptance by the Agency. The original hard copy of the documents containing the professional engineer's seal shall take precedence over the electronic documents.

12. 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 Consultant of any requests for disclosure of any documents pertaining to Consultant.

In the event of litigation concerning disclosure of information Consultant 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 Consultant has marked "Confidential," "Proprietary," or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the California Public Records Act.

13. TITLE AND RISK OF LOSS:

- A. Documentation: Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant 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, 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. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Contract Administrator and/or Agency.

14. 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 Consultant in the performance of the Work, shall be governed by the following provisions:
1. Proprietary Rights conceived, developed, or reduced to practice by Consultant in the performance of the Work shall be the property of Agency, and Consultant shall cooperate with all appropriate requests to assign and transfer same to Agency.
 2. If Proprietary Rights conceived, developed, or reduced to practice by Consultant prior to the performance of the Work are used in and become integral with the Work or Documentation, or are necessary for Agency to have complete enjoyment of the Work or Documentation, Consultant shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation.
 3. If the Work or Documentation includes the Proprietary Rights of others, Consultant shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.
- B. No Additional Compensation: Nothing set forth in this Contract shall be deemed to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required hereby, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract.
15. INFRINGEMENT: Consultant 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.

Consultant 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 arising out of any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant 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.

16. 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, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Consultant: Patrick Sweeney
General Manager
CSI Services, Inc.
28477 Hidden Hills Drive
Santa Clarita, California 91390

Any notice given hereunder 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.

17. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant 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.
18. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultants' records related to the work assigned by subsequent Task Orders. 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 Consultant. The Consultant 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 agreement of the Agency and the Consultant as to those matters contained herein. 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 Consultant.
20. **GOVERNING LAW:** This Agreement is to be governed by and constructed in accordance with the laws of the State of California.
21. **TERMINATION FOR CONVENIENCE:** The Agency reserves and has the right to immediately suspend, cancel or terminate this Agreement at any time upon written notice to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.
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, etc.
23. **CHANGES:** The Agency may, at any time, make changes to a given Task Order's Scope of Work, including additions, reductions, and changes to any or all of the Work, as directed in writing via a Task Order Change Order issued by the Agency and executed by both Parties. The Task Order Change Order will, if warranted, convey any associated change to the established Task Order price and/or performance schedule.
24. **NOTICE TO PROCEED:** No services shall be performed or furnished under this Master Services Contract unless and until an associated Task Order has bi-laterally executed and issued to the Consultant.

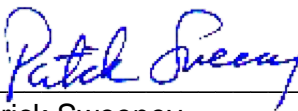
IN WITNESS WHEREOF, the parties hereto have caused this Contract to be entered as of the day and year written above.

**INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)**

CSI SERVICES, INC.:

P. Joseph Grindstaff
General Manager

(Date)



Patrick Sweeney
General Manager

Sept. 27, 2017
(Date)

Attachment 1



Fee Schedule

CSI Services, Inc. (CSI) proposes to provide coating inspection services using a NACE Level III certified inspector on a time and materials basis in accordance with our standard terms and conditions. We understand that this project requires prevailing wage payments, and we intend on paying the prevailing wage rates approved by the California DIR for coating inspectors.

The per day fee below includes travel time, time onsite, and report preparation. Our fees to complete the above Scope of Services follow:

Rates

Project Manager (office).....	No Charge
Coating Inspector	
Straight Time (4 hour minimum)	\$ 95.00/hour
Overtime (1.5x OT, Hrs over 8 and less than 12 per day).....	\$ 105.75/hour

Expenses

No unforeseen expenses will be charged.

**ATTACHMENT A
PROPOSAL RATE/FEE SCHEDULE**

Offerors shall fully complete this Proposal Price Schedule and return it with their submittal. All proposed prices and fees shall be held firm-fixed throughout the anticipated three (3) year (October 1, 2017 through August 31, 2020) contract performance period (other than prevailing wage classifications, which shall be paid in accordance with the current year prevailing wage determination as made by the Department of Industrial Relations (DIR)), and shall include costs associated with all, equipment, materials, transportation, overhead, travel, profit, insurance, sales and other taxes, licenses, incidentals, and all other related costs necessary to provide the required soils / materials testing and related services.

DESCRIPTION PROPOSED UNIT RATE

1. AGGREGATE

- | | |
|--|---------------|
| a. Moisture Content | \$ <u>N/A</u> |
| b. Organic Impurities | \$ _____ |
| c. Percent Clay in Sands by Hydrometer | \$ _____ |
| d. Sieve analysis – Fine and Coarse Including Wash | \$ _____ |
| e. Sieve Analysis – Coarse (Retained on No. 4) | \$ _____ |
| f. Sieve Analysis – Fine (Passing No. 4) | \$ _____ |

2. ASPHALT TESTING

- | | |
|--|----------|
| a. Maximum Density of Mix by Marshall Method (pre-mixed) | \$ _____ |
| b. Maximum Density of Mix by Hveem Method (pre-mixed) | \$ _____ |
| c. Marshall Stability and Flow (pre-compacted) | \$ _____ |
| d. Marshall Stability and Flow (lab compacted) | \$ _____ |
| e. Maximum Theoretical Specific Gravity – Rice Test | \$ _____ |

3. CONCRETE

- | | |
|---|----------|
| a. Concrete Cylinder Cured and/or Compression Tested | \$ _____ |
| b. Cylinder Molds - 6" x 12" (No Charge if Tested) | \$ _____ |
| c. Compression Tests on Cores - 8" maximum diameter (included trimming) | \$ _____ |
| d. Concrete Mix Design Review – Calculation Only | \$ _____ |

4. MASONRY

- | | |
|--|----------|
| a. Compression Test – Masonry Unit | \$ _____ |
| b. Compression Test – Masonry Assemblage
(8 x 8 x 16 inch prism or smaller) | \$ _____ |
| c. Compression Test – Mortar Specimens (2 x 4 cylinder) | \$ _____ |
| d. Block, 24 hour Absorption | \$ _____ |

- e. Brick, 24 hour Absorption \$ N/A
- 5. REINFORCING STEEL
 - a. Tension – No. 8 or Smaller \$ _____
 - b. Tension – No. 11 or Smaller \$ _____
 - c. Tension – No. 18 or Smaller \$ _____
- 6. STRUCTURAL STEEL
 - a. Tension – Coupons \$ _____
- 7. SOILS
 - a. Consolidation (no time rates) \$ _____
 - b. Consolidation (with one time rate) \$ _____
 - c. Expansion Index (UBC Standard 29-2) \$ _____
 - d. Direct Shear \$ _____
 - e. R-Value (CAL 301) \$ _____
 - f. Sand Equivalent (CAL 217) \$ _____
 - g. Mechanical Sieve Analysis with wash \$ _____
 - h. Coarse Fraction Sieve Analysis (Retained on No. 4) \$ _____
 - i. Fine Fraction Sieve Analysis including wash (Passing No. 4) \$ _____
 - j. Maximum Density – Optimum Moisture (ASTM D1557) \$ _____
 - k. Lab Density and Moisture Determinations \$ _____

HOURLY RATE [Prevailing wage rates shall be paid for applicable classifications and shall adjust in accordance with DIR determinations]

- 8. ENGINEERING OFFICE
 - a. Data Entry \$ N/A
 - b. Draftsman \$ _____
 - c. Principal Civil Engineer \$ _____
 - d. Principal Engineering Geologist \$ _____
 - e. Project Engineer \$ _____
 - f. Project Engineer Geologist \$ _____
 - g. Secretarial \$ _____
 - h. Staff Engineer \$ _____
 - i. Staff Geologist \$ _____
- 9. INSPECTOR – TECHNICIAN
 - a. Special Inspector – Pre-Stressed Concrete (ICC) \$ _____
 - b. Special Inspector – Reinforced Concrete (ICC) \$ _____

c. Special Inspector – Concrete Batch Plant	\$ <u>N/A</u>
d. Special Inspector – High Strength Bolts (ICC)	\$ _____
e. Special Inspector – Masonry (ICC)	\$ _____
f. Special Inspector – Structural Steel Fabrication (ICC)	\$ _____
g. Special Inspector – Welding (AWS-CWI)	\$ _____
h. Special Inspector – Fireproofing (ICC)	\$ _____
i. Special Inspector – Timber	\$ _____
j. Anchors – Pull Tests	\$ _____
k. Bolt – Torque Tests	\$ _____
l. Liquid Penetrants – Level II	\$ _____
m. Magnetic Particle Technician – Level II	\$ _____
n. Ultrasonic Technician – Level II	\$ _____
o. Ultrasonic Technician – Level III	\$ _____
p. Radiographic Examination	\$ _____
q. Supervising Special Inspector	\$ _____
r. Concrete Technician (ACI)	\$ _____
s. Pick-Up and Delivery of Test Samples	\$ _____
t. Soils Technician	\$ _____
u. Supervising Soils Technician	\$ _____
v. Public Works Inspector – Asphalt Paving	\$ _____
w. Public Works Inspector – Asphalt Plant	\$ _____
x. Public Works Inspector – Concrete Plant	\$ _____
y. Public Works Inspector – Resident Inspection	\$ _____
z. Supervising Public Works Inspector	\$ _____
aa. Coring	\$ _____

10. COATINGS INSPECTION

a. NACE International Certified Level II Coatings Inspector(s)	\$ <u>95.00</u>
b. NACE International Certified Level III Coatings Inspector(s)	\$ <u>95.00</u>

(Other: Specify)

Vehicle mileage reimbursement:

\$ 0.00 / mile *
 \$ _____
 \$ _____

* - FOR WORK WITHIN GREATER LOS ANGELES, RIVERSIDE, SAN BERNARDINO, OR ORANGE COUNTIES

[Remainder Of Page Intentionally Left Blank]

PROPOSAL SIGNATURE FORM
ALL COMPLETED RATE/FEE SCHEDULES MUST BE ACCOMPANIED BY
THIS COMPLETE, SIGNED FORM

Each Offeror shall indicate the availability and the magnitude of any discount related to prompt payment of any or all invoices (i.e. if Net 10, then 2% discount).

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

If Net 30, then 0 % discount

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 EXECUTE A CONTRACT OF SIMILAR TO THAT DISPLAYED UNDER ATTACHMENT D.

Offeror has thoroughly read this RFP and agrees to all the terms and conditions stipulated herein, except as stated within the "EXCEPTIONS FORM" submitted with Offeror's proposal.

<u>Patrick Sweeney</u> Offeror's Signature	<u>CSI SERVICES, INC</u> Company Name
<u>PATRICK SWEENEY</u> Printed Name	<u>1000010187 DIR</u> Business License Number
<u>GENERAL MANAGER</u> Title	<u>AUGUST 28, 2017</u> Date



P. O. Box 801357
Santa Clarita, CA 91380
Toll Free: 877.274.2422
www.CSIServices.biz

Providing Quality Technical Services to the Coating Industry

Via hand delivery

August 27, 2017

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

Subject: Proposal 1970 - Coating Inspection Proposal

**Re: Soil/Material Testing & Construction/Coating Inspection Services
Inland Empire Utilities Agency (RFP-MB-17-044)**

Dear Ms. Beltran:

CSI Services, Inc. (CSI) is pleased to submit this proposal to provide Coating Inspection Services in response to the above referenced Request for Proposal. We have provided one (1) original, seven (7) copies, one (1) electronic version on CD. Also included is one sealed envelope with our proposed Fee Schedule.

We believe that we are included in other inspection firm teams, but we are also submitting this proposal as a stand-alone prime to meet the single Coating Inspection noted on Section Two, Q. CSI recently provided Coating Inspection services to IEUA, and our scope has been geared to support various water and wastewater projects application verification projects.

Thank you for this opportunity and should you have any questions or comments, I can be reached through e-mail at psweeney@CSIServices.biz or cell 661-478-8900.

Sincerely,
CSI Services, Inc.

A handwritten signature in blue ink that reads 'Patrick Sweeney'.

Patrick Sweeney
Project Manager

Hawaiian Office: PO Box 671 Aiea, HI 96701
Northern California Office: PO Box 371, Sonoma, CA 95467
Coating Specialists and Inspection Services, Inc.

Consulting

Evaluations

Tank Diving

Inspection

Attachment 2

Attachment 2

SAMPLE TASK ORDER

Date: XXXXXXXXXXXX

Task Order Number: XXX

Consultant: XXXXXXXXXXXX

Contract Number: 460000XXXX

Project / Task Description:

I. RECITALS

This Task Order is issued for the procurement of services needed in conjunction with Agency Project No. XXXXXXXX .

Agency and Consultant previously entered into Master Services Contract No. 460000XXXX. Except as otherwise specified herein, all terms and conditions of that Agreement are incorporated into this Task Order via this reference.

II. TASK ORDER AGREEMENTS

- Scope of Work: Consultant shall furnish the qualified personnel, equipment, materials, and supplies necessary to perform the work described in the attached Statement of Work.
- Period of Performance: XXXXXX through XXXXXX. All work is to be performed in a timely manner and in accordance with the Project Manager's schedule.
- Compensation: Authorized total payments to Consultant for performance of this time-and-materials Task Order shall sum to a total not-to-exceed price of \$ XXXXXXXX. (NOTE: Compensation is based on submitted fees rates included in the Master Services Contract.)
- Assigned Personnel: The below-listed named personnel are assigned to direct the performance of this Task Order on behalf of the respective Parties.

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

Project Manager: XXXXXXXXXXXXXXXX
Address: 6075 Kimball Ave, Bldg. X
Chino, California 91708
Telephone: (909) 993-XXXX
Facsimile: (909) XXXXXXXX
Email: XXXXXXXX@ieua.org

CONSULTANT ASSIGNMENT: Special inquiries related to this Agreement and the effects of this Agreement shall be referred to the following:

Consultant: XXXXXXXXXXXXXXXXXXXX
Project Manager: XXXXXXXXXXXXXXXXXXXX
Address: XXXXXXXXXXXXXXXXXXXX

Telephone:
Facsimile:
Email:

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

5. Task Order Modifications: No communication, either written or oral, by other than written and bi-laterally executed change order shall be effective to modify or otherwise affect the provisions of this Task Order.

III. SIGNATURES

Inland Empire Utilities Agency:

XXXXXXXXXXXXXXXXXXXX:

Date: _____

Date: _____

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INFORMATION
ITEM

4A

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee
Finance & Administration

10/11/17

10/11/17

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

Subject: Policy Principles on Water Storage and Purchase Opportunities

Executive Summary:

As a regional environmental steward, IEUA strives to promote water reliability by supporting the region with the development of reliable, resilient and sustainable water supplies from a diverse set of sources. To help guide IEUA in securing future water storage and supplemental water purchase opportunities, staff has prepared the following draft policy principles to help serve as guidelines. The provided policy principles outline IEUA's goals and objective in securing supplemental water supply as well as framework to guide future negotiations within the Chino Basin.

IEUA's goal with establishing the following policy principles is to maintain foundational benefits, both regional and IEUA specific in all negotiations that are pursued, such as: pursue storage, secure supplemental water to aid during dry years, provide water quality improvement, maintain basin plan commitments, meet Chino Basin replenishment needs, and allow for the reinvestment in local infrastructure. An integral part of presenting the proposed policy principles is to receive feedback from the Board of Directors to reflect IEUA's policy goals in supporting a reliable water supply in the service area. A final draft of the proposed policy principals will be brought back to the Board for consideration and potential adoption.

Staff's Recommendation:

The draft policy principles is is an information 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:

N/A

Fiscal Impact (explain if not budgeted):

N/A

Prior Board Action:

None

Environmental Determination:

Not Applicable

Business Goal:

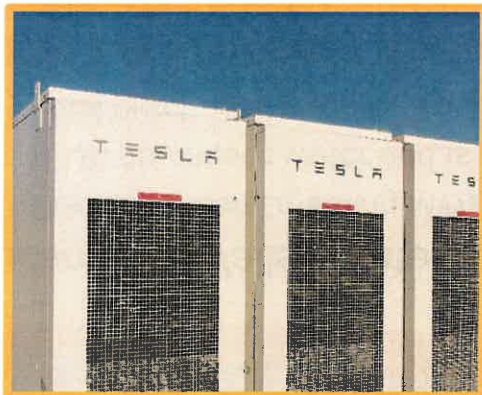
These policy principles are consistent with the IEUA's Business Goal of Water Reliability specifically the Water Supplies objective where IEUA will support the region with the development of reliable, resilient and sustainable water supplies from diverse sources.

Attachments:

Attachment 1 - PowerPoint

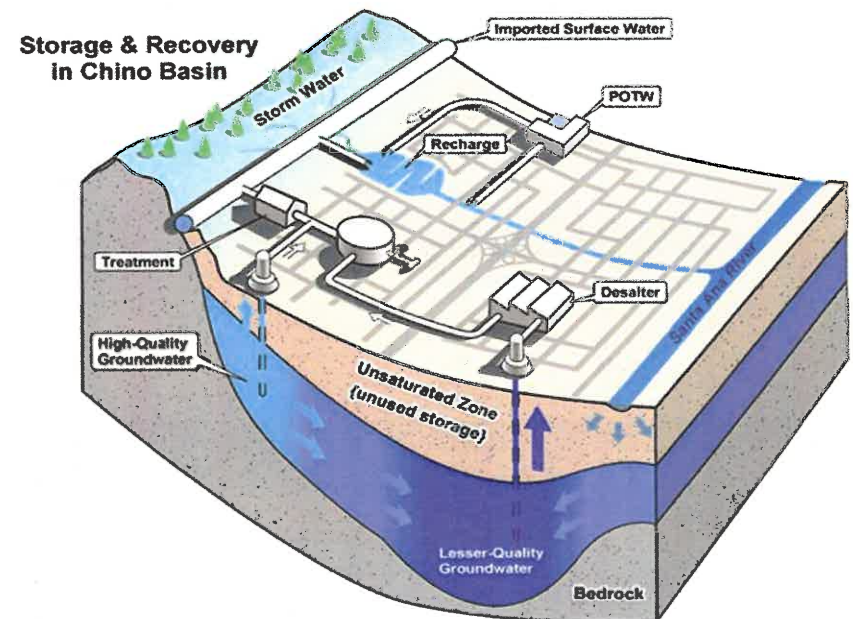
Attachment 2 - DRAFT: Policy Principles for Water Storage

Policy Principles for Water Storage and Purchase Opportunities



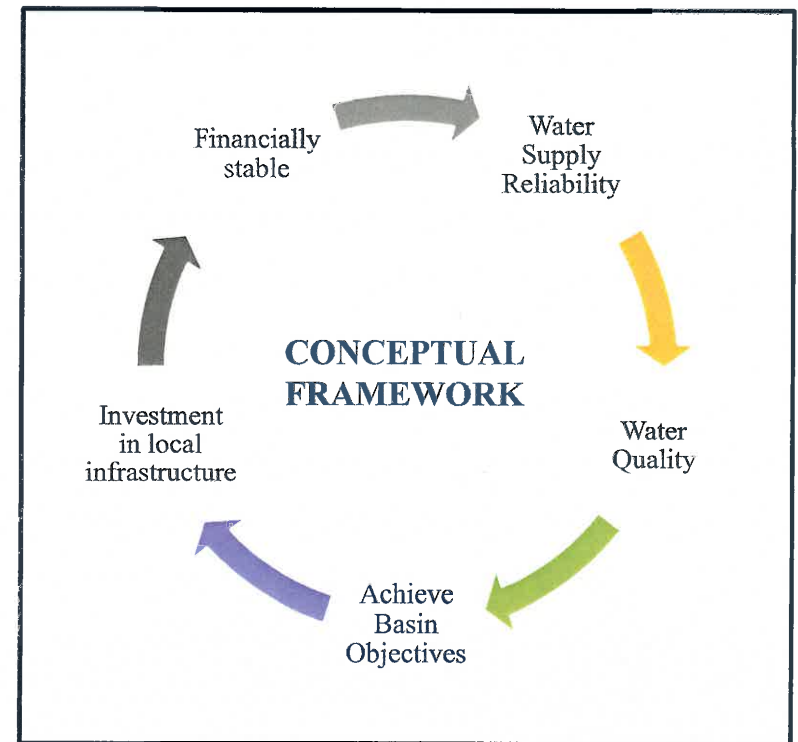
Current Water Storage and Purchase Agreements

- Cucamonga Valley Water District (Executed)
 - Purpose: Assist meeting MWD minimum take-or-pay requirement
 - IEUA purchases water and is stored on its behalf by CVWD
 - Total purchased to date: 3,660 AF
- Auto Club Speedway (Executed)
 - Purpose: Expanded recycled water use
 - IEUA receives groundwater credits
 - Total credits: 450 AF
- Monte Vista Water District (Pending)
 - Purpose: Assist member agency to meet local water quality
- Upland (Pending)
 - Purpose: Assist maintain baseline WFA deliveries



Policy Principles as a Framework

- Establish principles to define foundational objectives:
 - Water supply reliability goals
 - Utilize groundwater storage
 - Secure supplemental water to aid in dry years
 - Enhance water quality
 - Meet Basin Plan commitments
 - Help address local issues, such as subsidence
 - Offset Chino Basin replenishment needs
 - Allow for the investment in local infrastructure
 - Cost-effectiveness criteria



Schedule

- October 2017: Draft Policy Principles
- November 2017: Final Policy Principles for consideration
- December 2017: MVWD Demonstration Project

*The Policy Principles are consistent with the Agency's Business Goal of **Water Reliability**, specifically the Water Supplies objective where IEUA will support the region with the development of reliable, resilient and sustainable water supplies from diverse sources.*

IEUA Proposed Policy Principles for Water Storage and Purchase in the Chino Groundwater Basin

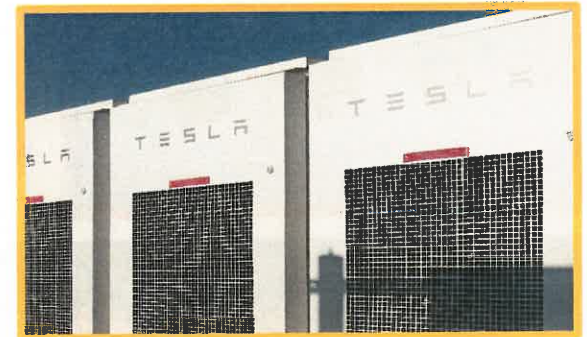
Recommended policy principles to serve as guidelines for future purchases of available imported water for the benefit of the region.

1. IEUA desires to have a designated storage account within the Chino Basin for delivering and storing imported water in the Chino Basin for the purpose of providing some or all of the regional benefits below:
 - a. supplemental local water supplies during dry years;
 - b. water quality improvement;
 - c. offsetting Chino Basin Watermaster needs for replenishment; and
 - d. reinvestment of capital for infrastructure needs and/or future water supplies
2. IEUA may desire, in the future, to obtain permanent storage rights in the Chino Basin contingent upon approval from Chino Basin Watermaster.
3. IEUA may elect to enter into water storage agreements with member agencies, if the need arises by a member agency, for assistance regarding the minimum take-or-pay MWD service connection requirement or other similar requirements.
4. Until such point that IEUA has permanent groundwater storage, IEUA should pursue water storage agreements with appropriators or other Chino Basin water rights holders to promote regional collaboration for groundwater storage programs.
5. IEUA's Chino Basin groundwater storage account pursuit should not adversely affect relations with member agencies or other parties within the Chino Basin.
6. IEUA should manage groundwater storage, through future agreements, with the intent of providing supplemental water, enhancement of water quality, capital reinvestment for infrastructure, and member agency assistance to meet the needs of the region when situations arise.
7. IEUA should enter into future water storage agreements that will, at minimum, allow the agency to be made whole financially in its pursuit of providing regional benefits to the Chino Basin. Proceeds that are collected from future water storage sales will be reinvested into the Chino Basin for the added benefit of the region.
8. IEUA should cover all costs related to water acquisition and holding, administration, and interest. All costs shall be recovered, at maximum, within a 10-year period for any future purchases of available imported water for the benefit of the region.
9. IEUA's pursuit of a groundwater storage account or storage agreements should not interfere with regional water banking operations.
10. Water stored under member agencies name for IEUA shall be stored in the Excess Carryover Account.
11. Future groundwater storage agreements should be flexible enough to allow creativity in promoting solutions for developing water supply in the region, and not be hindered by rigid framework.

**INFORMATION
ITEM**

4B

Engineering and Construction Management Project Updates



EN14042 – RP-1 1158 RWPS Upgrades

- Design Engineer: Stantec
- Current Contract (Design): \$445 K
- Total Project Budget: \$4.0 M
- Project Completion: November 2019
- Percentage Complete: 37%
- Scope of Work:
 - Replace existing four 400 HP pumps with four 700 HP pumps
 - Conduct a condition assessment of the wet well
 - Upgrade existing power center
 - Upgrade SCADA/Programming
 - Construct a 7,500 gallon water/air surge tank
- Current Activities:
 - Review draft Pre Design Report
 - Review wet well condition assessment report
 - Grant and loan approval process
- Focus Points:
 - Proceed with 50% design



Recycled Water Pump Station Motors



Front of Switchgear

EN16024 – RP-1 Mixed Liquor Return Pumps

- Construction Contractor: J. F. Shea Construction, Inc
- Current Contract (Construction): \$4.9 M
- Total Project Budget: \$6.6 M
- Project Completion: March 2018
- Percentage Complete: 72%
- Scope of Work:
 - Add mixed liquor pumps to all six trains
 - Upgrade SCADA/Programming
 - Upgrade power centers
- Current Activities:
 - Finished construction of train nos. 1 and 2
 - Continue construction of train no. 4
- Focus Points:
 - Delivery of new pumps and install



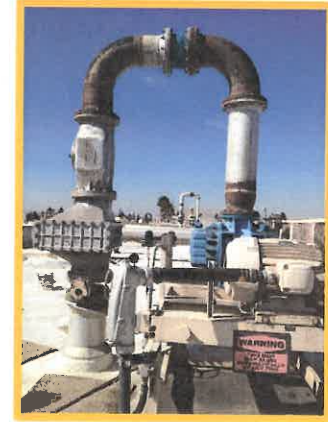
Boiling mixed liquor suspended solids prior to work



Smooth, soft air after work

EN17042 – Digester 6 and 7 Roof Repairs

- Design Engineer: GHD, Inc.
- Current Contract (Predesign): \$130 K
- Contractor: Synagro-WWT, Inc.
- Current Contract (Cleaning/Upgrade): \$1.7 M
- Total Project Budget: \$3.8 M
- Project Completion: July 2019
- Percentage Complete: 10%
- Scope of Work:
 - Clean digesters 1, 6, and 7
 - Replace valves and redundant flame arrestors on digesters 1, 6, and 7
 - Evaluate roof cracks and gas mixing system on digesters 6 and 7
- Current Activities:
 - Completed digester 1 cleaning and valve replacements
- Focus Points:
 - Start digester 1
 - Shut down, clean, and inspect digester 6
 - Finalize Pre Design Report for digester 6



Gas Mixing System



Digester No. 6 Flame Arrestor

EN17044 – RP-1 Power Reliability Generator Control Upgrades

- Design Engineer: Black & Veatch
- Current Contract (Design): \$75 K
- Total Project Budget: \$1.5 M
- Project Completion: October 2018
- Percentage Complete: 10%
- Scope of Work:
 - Replace five control cabinets that operate the emergency generators
 - Incorporate Microgrid control features
- Current Activities:
 - Review Request for Proposals from prequalified contractors
- Focus Points:
 - Keep the functionality of the current system
 - Upgrade to modern equipment and current programming standards
 - Transition to new system without disruption to the plant



Back up Generators at RP-1



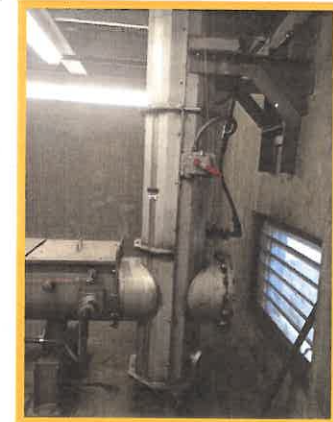
Current Control System

EN17047/EN17048 – RP-1 Safety Improvements/Dewatering Vertical Conveyors

- Construction Contractor: Baghouse & Industrial
- Current Contract (Design-Build): \$392 K
- Total Project Budget: \$606 K
- Project Completion: August 2017
- Percentage Complete: 100%
- Scope of Work:
 - Design and install hand railing and foot entanglement protection
 - Install overhead and elevation change warning signs
 - Design and install two vertical conveyor housings in kind
 - Line housings with additional wear protection
- Current Activities:
 - Project complete
- Focus Points:
 - As-builts in progress



Housing Removed During Construction



New Conveyor Housing

INFORMATION
ITEM

4D



Date: October 18, 2017

To: The Honorable Board of Directors

Committee: Finance & Administration

From: P. Joseph Grindstaff, General Manager

10/11/17

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

Subject: Treasurer's Report of Financial Affairs

Executive Summary:

For the month of August 2017, total cash, investments, and restricted deposits of \$179,437,258 reflects a decrease of \$3,211,184 compared to the total of \$182,648,442 reported in July 2017. The decrease was mainly due to the \$4.5 million prepayment of the CalPERS unfunded accrued liability and the quarterly payment of \$1.5 million to County Sanitation Districts of Los Angeles County, which was partially offset by \$1.6 million of SRF loans for the new Laboratory facility and \$2.4 million of grants receipts for the Chino Desalter brine reduction facility. As a result, the average days of cash on hand for the month ended August 31, 2017 decreased from 292 days to 282 days due to lower unrestricted cash available. Not included in the days of cash on hand calculation are connection fees held by member agencies on behalf of the Agency. As of August 31, 2017, the member agency account balances was \$33.2 million.

The Agency's investment portfolio average rate in August 2017 was 1.124%, an increase of 0.008% compared to the July yield of 1.116%, this was due to increase in yield across two of the Agency's investment accounts; Local Agency Investment Fund yield rose from 1.05% in July to 1.08%, Citizens Business Bank sweep account yield increased from 0.50% in July to 0.70%. While the variable rate for the Agency's 2008B bonds decreased from 0.82% in July to 0.76%.

Staff's Recommendation:

The Treasurer's Financial Affairs Report for the month ended August 31, 2017 is an informational item for the Board of Director's review.

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

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 September 13, 2017, the Board of Directors approved the Treasurer's Financial Affairs Report for the month ended July 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- August 2017 Financial Affairs Report

Background

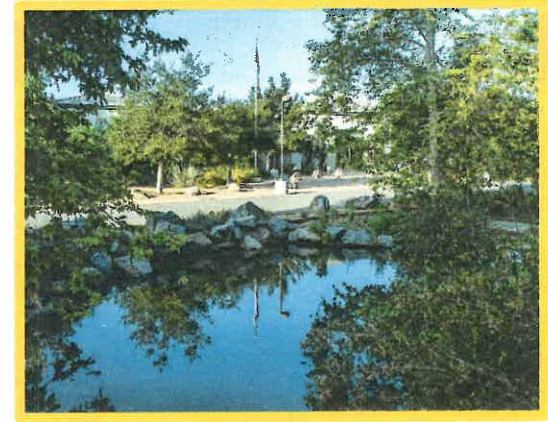
Subject: Treasurer's Report of Financial Affairs

The Treasurer's Report of Financial Affairs for the month ended August 31, 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. 2017-4-1) with one noted exception. As of August 31, 2017, the medium-term note portfolio was 10.4% which exceeds the 10% allowable threshold established under the Agency's Investment Policy

The medium-term notes portfolio exceeded the 10% threshold defined in the Investment Policy but below the 30% threshold established under the California Government Code (CGC). This exception was initially reported in May 2017 on the March Financial Affairs Report, a recommendation was made to approve the medium-term investments and to allow for those investments to be held until maturity.

Treasurer's Report of Financial Affairs for August 31, 2017

Board Meeting



Report of Financial Affairs

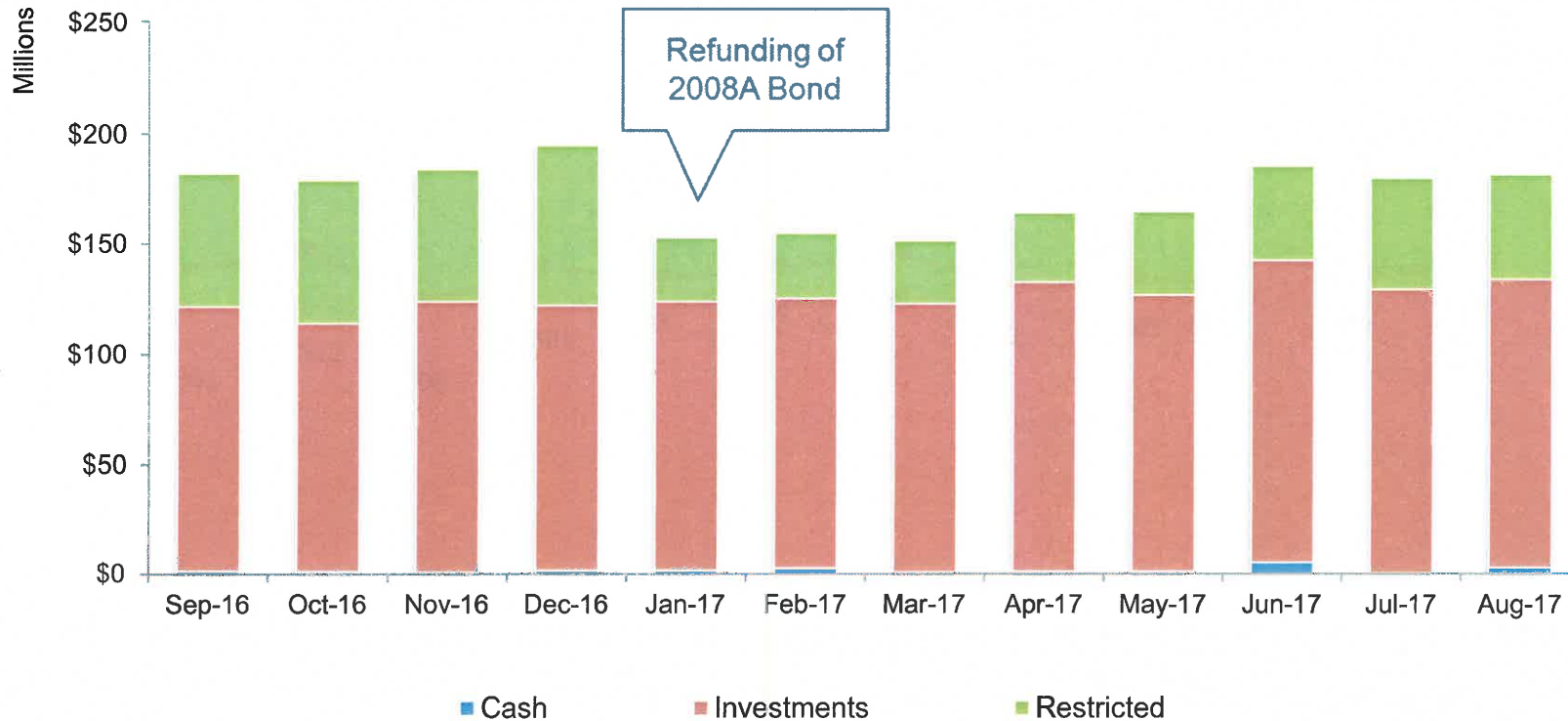
Liquidity

Description	July 2017 (\$ million)	July 2017 (\$ million)	Increase (Decrease) (\$ million)
Total Cash, Investments, and Restricted Deposits	\$179.4	\$182.6	(\$3.2)
Total Investment Portfolio	\$131.2	\$129.1	\$2.1
Investment Portfolio Yield	1.124%	1.116%	0.008%
Weighted Average Duration (years)	0.74	0.79	(0.05)
Average Cash on Hand (days)	282	292	(10)

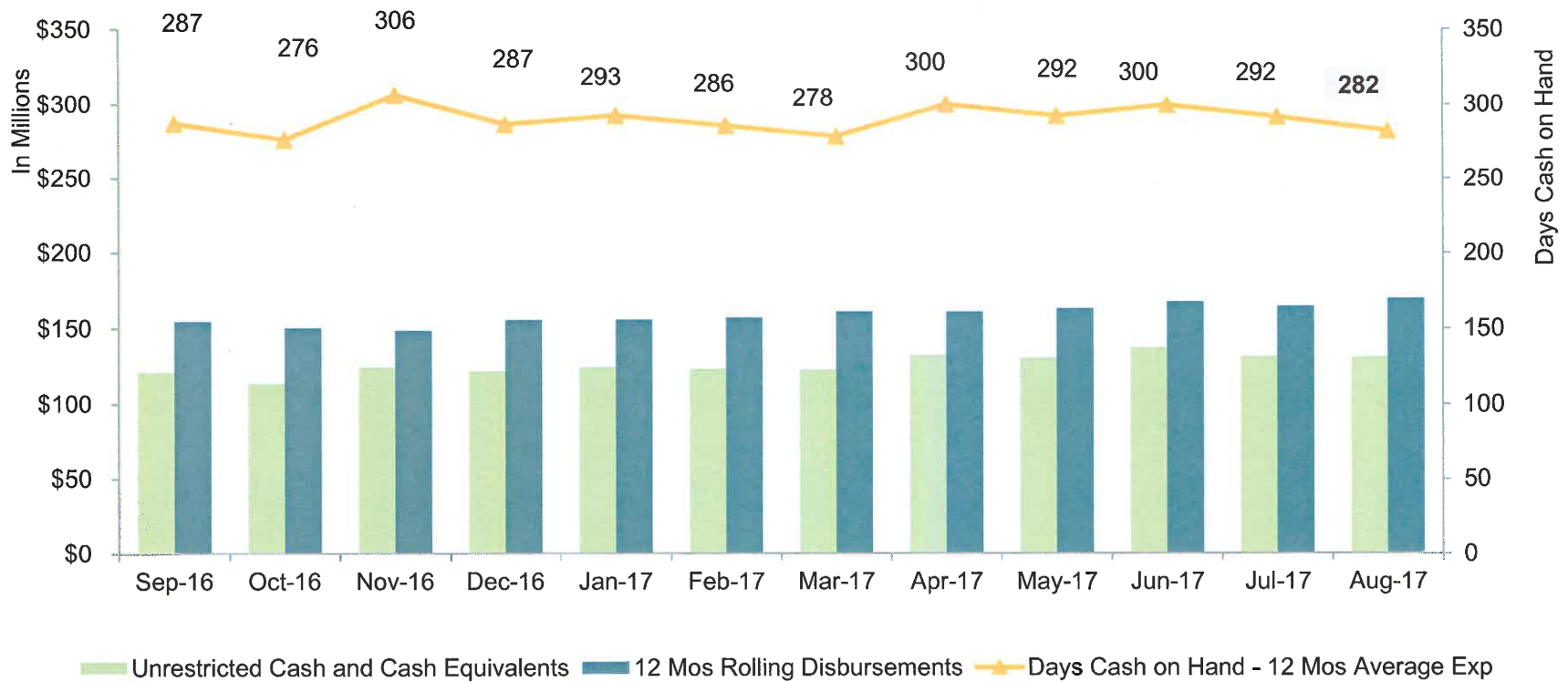
Portfolio

Authorized Investments	Allowable Threshold (\$ million or %)	Investment Value as of August 31, 2017				Average Yield	Portfolio % (Unrestricted)
		Under 1 Year	1 – 3 Years	Over 3 Years	Total		
LAIF	\$65	\$33.2			\$33.2	1.08%	25.3%
CalTrust	n/a	\$10.2	\$ 6.0		\$16.2	1.24%	12.3%
CAMP	n/a	\$18.2			\$18.2	1.14%	13.9%
Citizens Business Bank - Sweep	40%	\$15.2			\$15.2	0.56%	11.6%
Brokered CD's	30%	\$ 1.7	\$ 0.5	\$0.2	\$ 2.4	1.50%	1.8%
Commercial Paper	25%	\$ 2.0			\$ 2.0	1.31%	1.5%
Medium Term Notes	10%	\$ 5.5	\$ 8.1		\$13.6	1.32%	10.4%
Municipal Bond	10%		\$ 1.0		\$ 1.0	1.75%	0.8%
US Treasury Note	n/a		\$ 2.0		\$ 2.0	1.35%	1.5%
US Government Securities	n/a	\$ 5.2	\$22.2		\$27.4	1.23%	20.9%
Total		\$91.2	\$39.8	\$0.2	\$131.2	1.124%	100%

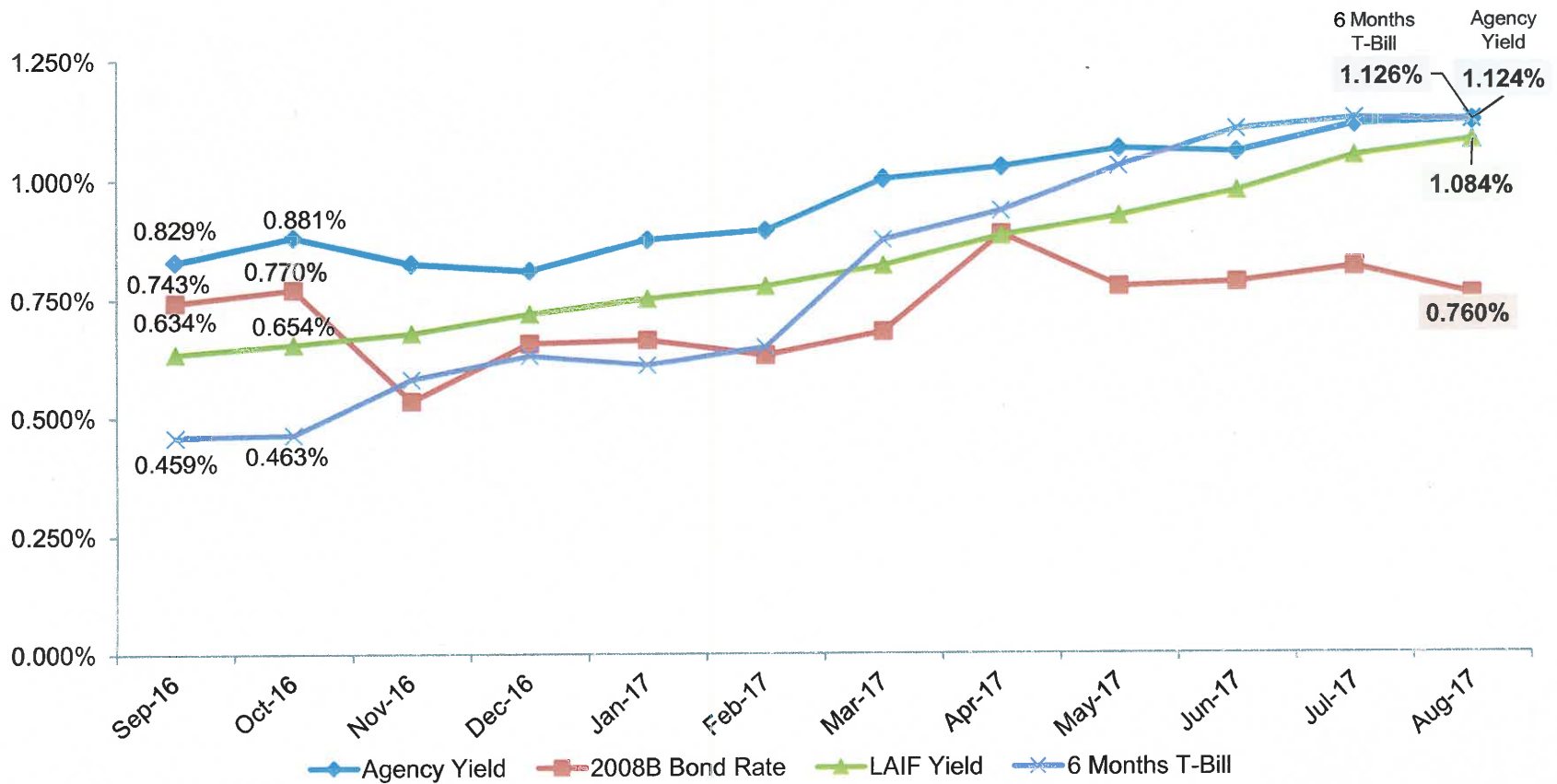
Cash, Investments, and Restricted Deposits



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 August 31, 2017



All investment transactions have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2017-4-1) adopted by the Inland Empire Utilities Agency's Board of Directors during its regular meeting held on April 19, 2017.

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
August 31, 2017

	August	July
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>	\$207,276	\$2,632,524
<u>Investments</u>		
Citizens Business Bank (CBB) Repurchase (Sweep)	\$15,179,020	\$13,116,481
Local Agency Investment Fund (LAIF)	33,141,232	33,176,305
CalTrust	16,202,322	16,167,140
California Asset Management Program (CAMP)	18,204,289	18,186,746
Certificates of Deposit	2,421,000	2,421,000
Municipal Bonds	997,496	997,389
Commercial Paper	1,999,647	1,997,460
Medium Term Notes	13,590,847	13,593,596
U.S. Treasury Notes	1,992,210	1,991,832
U.S. Government Sponsored Entities	27,429,101	27,428,437
Total Investments	\$131,157,164	\$129,076,386
 Total Cash and Investments Available to the Agency	 \$131,364,440	 \$131,708,910
 <u>Restricted Deposits</u>		
Debt Service Accounts	\$2,558,745	\$7,269,956
CCRA Deposits Held by Member Agencies	33,213,513	31,507,738
OPEB (CERBT) Account	11,940,649	11,826,015
Escrow Deposits	359,911	335,823
Total Restricted Deposits	\$48,072,818	\$50,939,532
 Total Cash, Investments, and Restricted Deposits	 \$179,437,258	 \$182,648,442

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
August 31, 2017

Cash, Bank Deposits, and Bank Investment Accounts

CBB Demand Account (Offset by CBB Sweep Balance)	\$93,202
CBB Workers' Compensation Account	31,615
Subtotal Demand Deposits	\$124,817

Other Cash and Bank Accounts

Petty Cash	\$2,250
Subtotal Other Cash	\$2,250

US Bank Pre-Investment Money Market Account

\$80,209

Total Cash and Bank Accounts

\$207,276

Investments

CBB Repurchase (Sweep) Investments

FNMA	\$15,179,020
Subtotal CBB Repurchase (Sweep)	\$15,179,020

Local Agency Investment Fund (LAIF)

LAIF Fund	\$33,141,232
Subtotal Local Agency Investment Fund	\$33,141,232

CalTrust

Short Term	\$10,194,431
Medium Term - Restricted	6,007,891
Subtotal CalTrust	\$16,202,322

California Asset Management Program (CAMP)

Pool	\$18,204,289
Subtotal CAMP	\$18,204,289

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
August 31, 2017

Investments Continued

Brokered Certificates of Deposit

Brokered Certificates of Deposit	\$2,421,000
Subtotal Brokered Certificates of Deposit	\$2,421,000

Commercial Paper

Natixis NY Branch	\$1,999,647
Subtotal Commercial Paper	\$1,999,647

Municipal Bonds

State and Local Municipal Bonds	\$997,496
Subtotal Municipal Bonds	\$997,496

Medium Term Notes

John Deere Capital Corp.	\$1,000,091
Toyota Motor Credit Corp.	2,000,000
JP Morgan Chase & Co.	999,752
Johnson & Johnson	2,012,134
Microsoft	2,061,800
Exxon Mobil	2,509,026
Wells Fargo Bank N.A.	3,008,044
Subtotal Medium Term Notes	\$13,590,847

U.S. Treasury Notes

Treasury Note	\$1,992,210
Subtotal U.S. Treasury Notes	\$1,992,210

U.S. Government Sponsored Entities

Fannie Mae Bank	\$3,749,667
Freddie Mac Bank	7,486,539
Federal Farm Credit Bank	13,194,495
Federal Home Loan Bank	2,998,400
Subtotal U.S. Government Sponsored Entities	\$27,429,101

<i>Total Investments</i>	\$131,157,164
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INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
August 31, 2017

Restricted Deposits

Debt Service

08B Debt Service Accounts	\$2,547,527
10A Debt Service Accounts	155
17A Debt Service Accounts	11,063
	\$2,558,745
Subtotal Debt Service	\$2,558,745

CCRA Deposits Held by Member Agencies

City of Chino	\$4,574,241
Cucamonga Valley Water District	3,393,495
City of Fontana	4,820,366
City of Montclair	884,507
City of Ontario	11,914,387
City of Chino Hills	6,245,667
City of Upland	1,380,850
	\$33,213,513
Subtotal CCRA Deposits Held by Member Agencies	\$33,213,513

CalPERS

OPEB (CERBT) Account	\$11,940,649
	\$11,940,649
Subtotal CalPERS Accounts	\$11,940,649

Escrow Deposits

Kemp Brothers Construction	\$359,911
	\$359,911
Subtotal Escrow Deposits	\$359,911

Total Restricted Deposits

\$48,072,818

Total Cash, Investments, and Restricted Deposits as of August 31, 2017

\$179,437,258

Total Cash, Investments, and Restricted Deposits as of 08/31/17

\$179,437,258

Less: Total Cash, Investments, and Restricted Deposits as of 07/31/17

182,648,442

Total Monthly Increase (Decrease)

(\$3,211,184)

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
August 31, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	August	August	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value			Date	Value
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>													
Citizens Business Bank (CBB)													
Demand Account*					\$93,202	\$93,202	N/A	N/A	\$93,202		N/A	N/A	\$93,202
Payroll Checking					-	-	N/A	N/A	\$0		N/A	N/A	-
Workers' Compensation Account					31,615	31,615	N/A	N/A	\$31,615		N/A	N/A	31,615
Subtotal CBB Accounts					\$124,817	\$124,817			\$124,817				\$124,817
Bank of America (BoFA)													
Payroll Checking					\$0	\$0	N/A	N/A	\$0		N/A	N/A	\$0
Payroll Tax Checking					0	-	N/A	N/A	-		N/A	N/A	-
Subtotal B of A Accounts					\$0	\$0			\$0		N/A	N/A	\$0
US Bank (USB)													
Federated Automated MMA					\$80,209	\$80,209	N/A	N/A	\$80,209		0.47%	N/A	\$80,209
Subtotal USB Account					\$80,209	\$80,209			\$80,209		0.47%	N/A	\$80,209
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													
					\$207,276	\$207,276			\$207,276				\$207,276
<i>*Negative demand checking balance is offset by the Daily Repurchase (Sweep) Account balance</i>													
<u>Investments</u>													
CBB Daily Repurchase (Sweep) Accounts													
FNMA					\$15,179,020	\$15,179,020			\$15,179,020		0.56%		\$15,179,020
Subtotal CBB Repurchase Accounts					\$15,179,020	\$15,179,020			\$15,179,020		0.56%		\$15,179,020
LAIF Accounts													
Non-Restricted Funds					\$33,141,232	\$33,141,232	N/A	N/A	\$33,141,232		1.084%	N/A	\$33,141,232
Subtotal LAIF Accounts					\$33,141,232	\$33,141,232			\$33,141,232		1.084%		\$33,141,232
CALTRUST Accounts													
Short-Term					\$10,194,431	\$10,194,431	N/A	N/A	\$10,194,431		1.15%	N/A	\$10,194,431
Medium-Term (Self Insurance Reserves)					6,007,891	6,007,891	N/A	N/A	6,007,891		1.38%	N/A	6,007,891
Subtotal CalTrust Accounts					\$16,202,322	\$16,202,322			\$16,202,322		1.235%		\$16,202,322
CAMP Accounts													
Short-Term					\$18,204,289	\$18,204,289	N/A	N/A	\$18,204,289		1.14%	N/A	\$18,204,289
Subtotal CAMP Accounts					\$18,204,289	\$18,204,289			\$18,204,289		1.14%		\$18,204,289

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
August 31, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	August	August	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's				Amortization	Value			Date	Value
Investments (continued)													
Brokered Certificates of Deposit (CDs)													
Sallie Mae Bank	N/A				\$248,000	\$248,000	743		\$248,000	1.15%	1.15%	11/06/17	\$248,057
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	240,146
Goldman Sachs Bank USA	N/A				240,000	240,000	916		240,000	1.40%	1.40%	01/16/18	240,192
BMW Bank of North America	N/A				240,000	240,000	915		240,000	1.40%	1.40%	01/17/18	240,192
American Express Bank	N/A				240,000	240,000	1097		240,000	1.70%	1.70%	07/16/18	240,101
American Express Centurion	N/A				240,000	240,000	1097		240,000	1.70%	1.70%	07/16/18	240,101
Ally Bank	N/A				243,000	243,000	722		243,000	1.45%	1.45%	03/11/19	242,419
Wells Fargo Bank	N/A				242,000	242,000	729		242,000	1.55%	1.55%	03/15/19	241,775
Synchrony Bank	N/A				240,000	240,000	1827		240,000	2.25%	2.25%	10/02/20	242,734
Subtotal Brokered CDs					\$2,421,000	\$2,421,000		\$0	\$2,421,000		1.50%		\$2,423,776
US Treasury Note													
US Treasury Note					\$2,000,000	\$1,990,000	808	379	\$1,992,210	1.125%	1.35%	05/31/19	\$1,993,600
Subtotal US Treasuries					\$2,000,000	\$1,990,000		\$379	\$1,992,210		1.35%		\$1,993,600
U.S. Government Sponsored Entities													
Federal Farm Credit Bank	AA+	Aaa			\$5,195,000	\$5,199,431	447	(303)	\$5,195,429	0.75%	0.68%	09/13/17	\$5,194,376
Federal Home Loan Bank	AA+	Aaa			1,000,000	1,000,380	713	(16)	1,000,265	1.25%	1.23%	01/18/19	999,090
Federal Farm Credit Bank	AA+	Aaa			3,000,000	3,000,000	1,079		3,000,000	1.15%	1.15%	02/22/19	2,982,150
Freddie Mac Bond	AA+	Aaa			1,000,000	1,003,132	1,023	(95)	1,001,718	1.25%	1.14%	03/15/19	997,440
Federal Farm Credit	AA+	Aaa			1,500,000	1,499,411	720	25	1,499,537	1.40%	1.42%	03/27/19	1,499,100
Federal Farm Credit	AA+	Aaa			1,500,000	1,499,400	720	25	1,499,529	1.40%	1.42%	03/27/19	1,499,100
Federal Home Loan Bank	AA+	Aaa			2,000,000	1,997,600	801	92	1,998,135	1.375%	1.43%	05/24/19	1,999,760
Freddie Mac Bond	AA+	Aaa			2,000,000	2,000,000	798		2,000,000	1.55%	1.55%	06/06/19	2,000,080
Federal Farm Credit Bank	AA+	Aaa			2,000,000	2,000,000	1,460		2,000,000	1.52%	1.52%	06/24/19	2,003,760
Freddie Mac Bond	AA+	Aaa			1,500,000	1,500,000	1,080		1,500,000	1.15%	1.15%	07/26/19	1,481,745
Fannie Mae Step Bond	AA+	Aaa			1,500,000	1,500,000	1,080		1,500,000	1.00%	1.33%	07/26/19	1,491,225
Fannie Mae Bond	AA+	Aaa			900,000	899,460	1,153	14	899,667	1.25%	1.27%	08/23/19	892,512
Fannie Mae Bond	AA+	Aaa			1,350,000	1,350,000	1,157		1,350,000	1.25%	1.25%	08/26/19	1,341,671
Freddie Mac Bond	AA+	Aaa			3,000,000	2,972,928	1,359	618	2,984,821	1.25%	1.50%	10/02/19	2,987,460
Subtotal U.S. Gov't Sponsored Entities					\$27,445,000	\$27,421,742		\$360	\$27,429,101		1.23%		\$27,369,469

(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
August 31, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	August	August	% 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	2,187	\$1,999,647	1.29%	1.307%	09/05/17	\$1,999,720
Subtotal Commercial Paper					\$2,000,000	\$1,986,877		\$2,187	\$1,999,647		1.31%		\$1,999,720
Municipal Bonds													
San Diego Redevelopment Agency	AA	N/R			\$1,000,000	\$996,800	934	\$106	\$997,496	1.625%	1.75%	09/01/19	\$995,140
Subtotal State and Local Municipal Bonds					\$1,000,000	\$996,800		\$106	\$997,496		1.75%		\$995,140
Medium Term Notes													
John Deere Capital Corp	A	A2			\$1,000,000	\$1,004,000	1,754	(71)	\$1,000,091	1.20%	1.11%	10/10/17	\$999,860
Wells Fargo Bank	AA-	Aa2			1,500,000	1,502,565	301	(259)	1,501,203	1.65%	1.44%	01/22/18	1,500,945
Toyota Motor Credit Corp	AA-	Aa3			2,000,000	2,000,000	1,045		2,000,000	1.10%	1.10%	04/25/18	1,988,640
JP Morgan Chase & Co	A-	A3			1,000,000	999,000	1,037	30	999,752	1.625%	1.66%	05/15/18	1,000,450
Johnson & Johnson	AAA	Aaa			2,000,000	2,027,480	1,044	(816)	2,012,134	1.65%	1.16%	12/05/18	2,006,240
Microsoft	AAA	Aaa			2,050,000	2,076,691	1,045	(792)	2,061,800	1.625%	1.16%	12/06/18	2,058,815
Exxon Mobil	AA+	Aaa			1,000,000	1,005,750	763	(234)	1,004,122	1.708%	1.43%	03/01/19	1,002,240
Exxon Mobil	AA+	Aaa			1,500,000	1,506,285	712	(271)	1,504,904	1.819%	1.59%	03/15/19	1,506,810
Wells Fargo Bank	AA-	Aa2			1,500,000	1,511,655	1,061	(336)	1,506,841	1.75%	1.48%	05/24/19	1,501,005
Subtotal Medium Term Notes					\$13,550,000	\$13,633,426		(2,749)	\$13,590,847		1.32%		\$13,565,005
Total Investments					\$131,142,863	\$131,176,708			\$131,157,164				\$131,073,573
<i>(Source of Investment Market Value: US Bank)</i>													
Restricted Deposits													
Debt Service and Arbitrage Accounts													
08B Debt Service Accounts					\$2,547,527	\$2,547,527	N/A	N/A	\$2,547,527		0.45%		\$2,547,527
10A Debt Service Accounts					155	155	N/A	N/A	155		0.20%		155
17A Debt Service Accounts					11,063	11,063	N/A	N/A	11,063		0.20%		11,063
Total Debt Service Accounts					\$2,558,745	\$2,558,745			\$2,558,745		0.45%		\$2,558,745

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
August 31, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	August	August	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value			Date	Value
CCRA Deposits Held by Member Agencies													
City of Chino					\$4,574,241	\$4,574,241	N/A	N/A	\$4,574,241		N/A	N/A	\$4,574,241
City of Chino Hills					6,245,667	6,245,667	N/A	N/A	6,245,667		N/A	N/A	6,245,667
Cucamonga Valley Water District					3,393,495	3,393,495	N/A	N/A	3,393,495		N/A	N/A	3,393,495
City of Fontana					4,820,366	4,820,366	N/A	N/A	4,820,366		N/A	N/A	4,820,366
City of Montclair					884,507	884,507	N/A	N/A	884,507		N/A	N/A	884,507
City of Ontario					11,914,387	11,914,387	N/A	N/A	11,914,387		N/A	N/A	11,914,387
City of Upland					1,380,850	1,380,850	N/A	N/A	1,380,850		N/A	N/A	1,380,850
<i>Subtotal CCRA Deposits Held by Member Agencies</i>					\$33,213,513	\$33,213,513			\$33,213,513				\$33,213,513
<i>Reported total as of June 2017</i>													
CalPERS Deposits													
OPEB (CERBT) Account					\$11,000,000	\$11,000,000	N/A	N/A	\$11,940,649		N/A	N/A	\$11,940,649
Subtotal CalPERS Deposits					\$11,000,000	\$11,000,000			\$11,940,649				\$11,940,649
<i>As of August 31st, the 1 year net return is 4.41%</i>													
Escrow Deposits													
Kemp Brothers Construction Escrow					\$359,911	\$359,911	N/A	N/A	\$359,911		N/A	N/A	\$359,911
Subtotal Escrow Deposits					\$359,911	\$359,911			\$359,911				\$359,911
Total Restricted Deposits					\$47,121,106	\$47,121,106			\$48,072,818				\$48,061,755
Total Cash, Investments, and Restricted Deposits as of August 31, 2017					\$178,471,245	\$178,505,090			\$179,437,258				\$179,342,604

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
August 31, 2017

August Purchases

No.	Date	Transaction	Investment Security	Type	Par Amount Purchased	Investment Yield
<i>None</i>						
Total Purchases					<u>\$ -</u>	

August 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

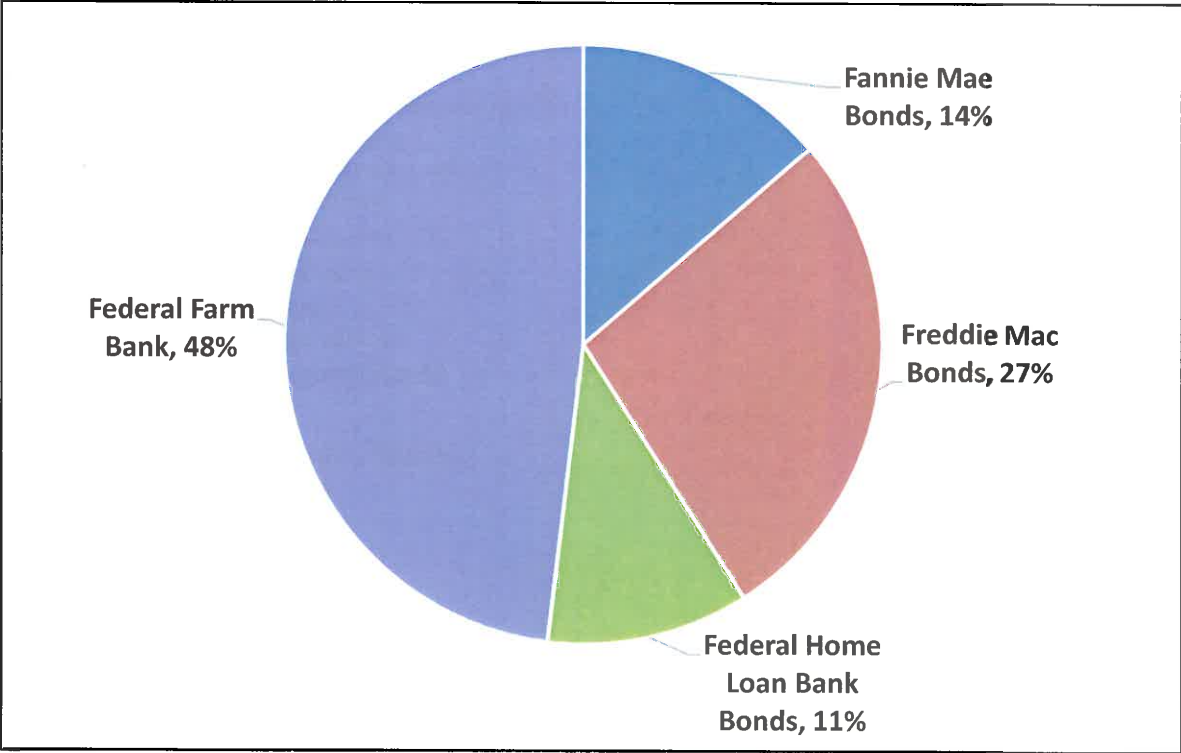
Cash and Investment Summary

Month Ended
August 31, 2017

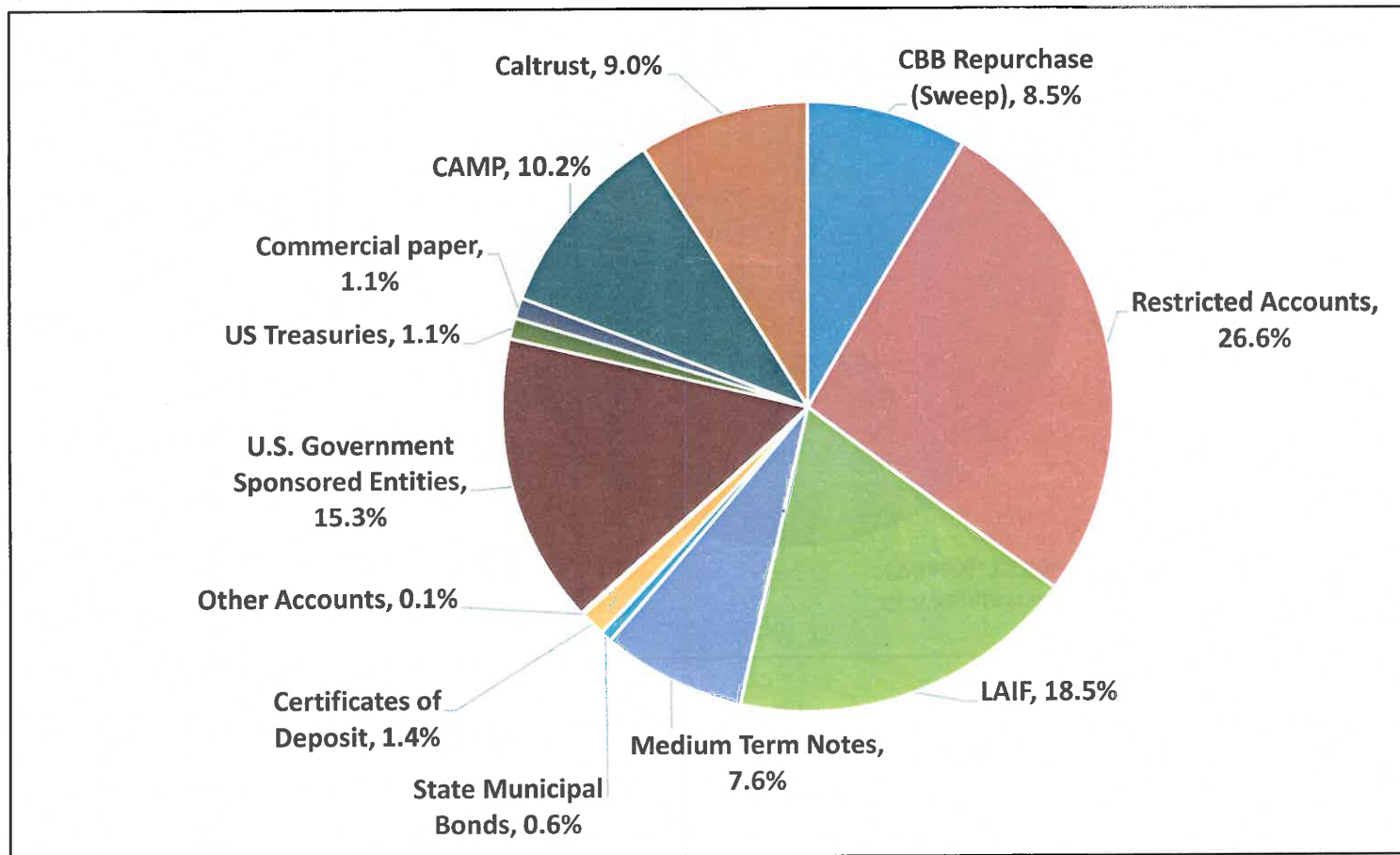
<u>Directed Investment Category</u>	<u>Amount Invested</u>	<u>Yield</u>
CBB Repurchase (Sweep)	\$15,179,020	0.560%
LAIF	33,141,232	1.084%
CalTrust	16,202,322	1.235%
CAMP	18,204,289	1.140%
Brokered Certificates of Deposit	2,421,000	1.502%
Medium Term Notes	13,590,847	1.319%
Municipal Bonds	997,496	1.753%
Commercial Paper	1,999,647	1.307%
US Treasury Notes	1,992,210	1.352%
U.S. Government Sponsored Entities	27,429,101	1.227%
Total Investment Portfolio	\$131,157,164	
Investment Portfolio Rate of Return		1.124%
<u>Restricted/Transitory/Other Accounts</u>	<u>Amount Invested</u>	<u>Yield</u>
CCRA Deposits Held by Member Agencies	\$33,213,513	N/A
CalPERS OPEB (CERBT) Account	11,940,649	N/A
US Bank - 2008B Debt Service Accounts	2,547,527	0.450%
US Bank - 2010A Debt Service Accounts	155	0.200%
US Bank - 2017A Debt Service Accounts	11,063	0.200%
US Bank - Pre-Investment Money Market Account	80,209	0.470%
Citizens Business Bank - Demand Account	93,202	N/A
Citizens Business Bank - Workers' Compensation Account	31,615	N/A
Other Accounts*	2,250	N/A
Escrow Account	359,911	N/A
Total Restricted/Transitory/Other Accounts	\$48,280,094	
Average Yield of Other Accounts		0.451%
Total Agency Directed Deposits	\$179,437,258	

*Petty Cash

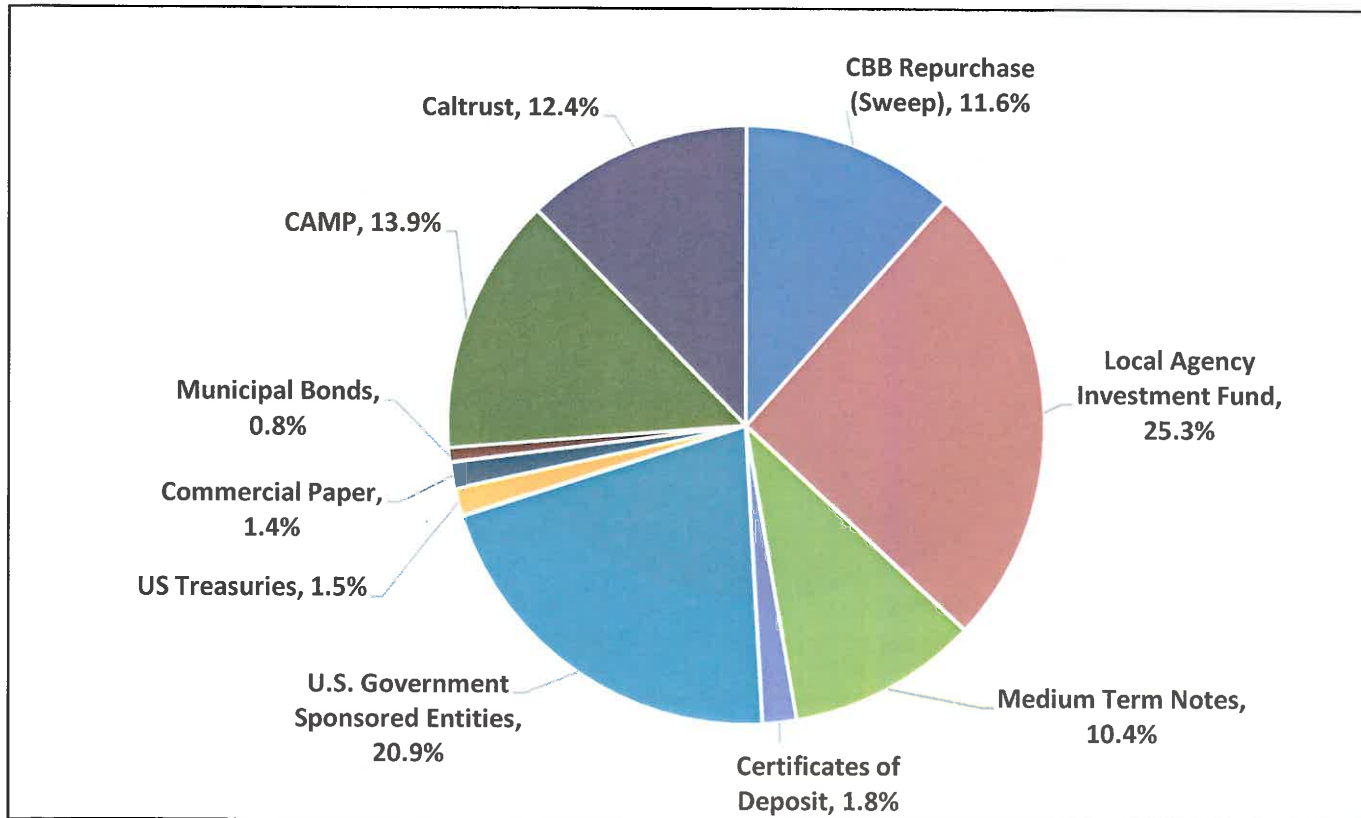
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended August 31, 2017
U.S. Government Sponsored Entities Portfolio
\$27,429,101



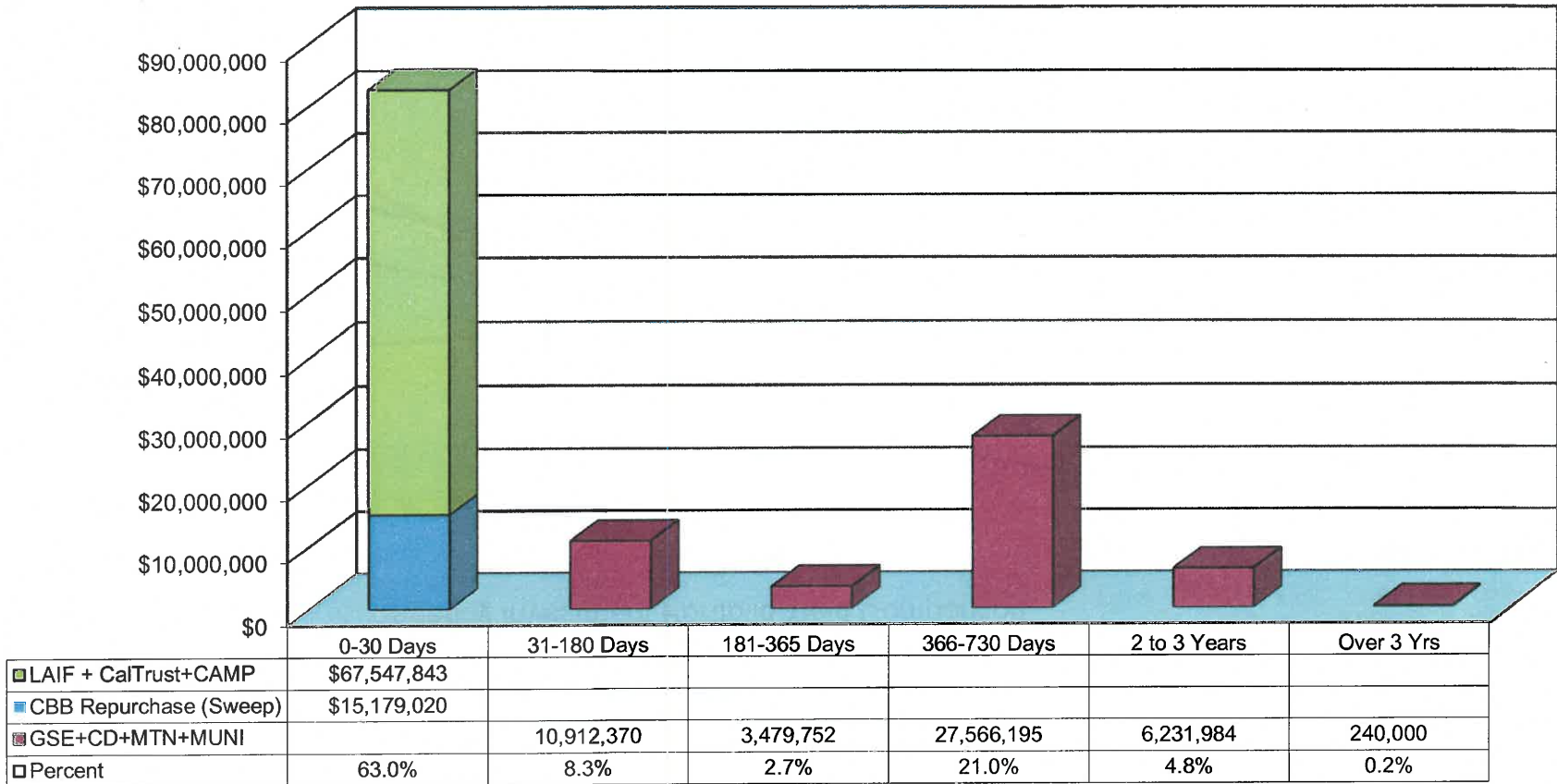
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended August 31, 2017
Agency Investment Portfolio (Net of Escrow Accounts)
\$179,077,347



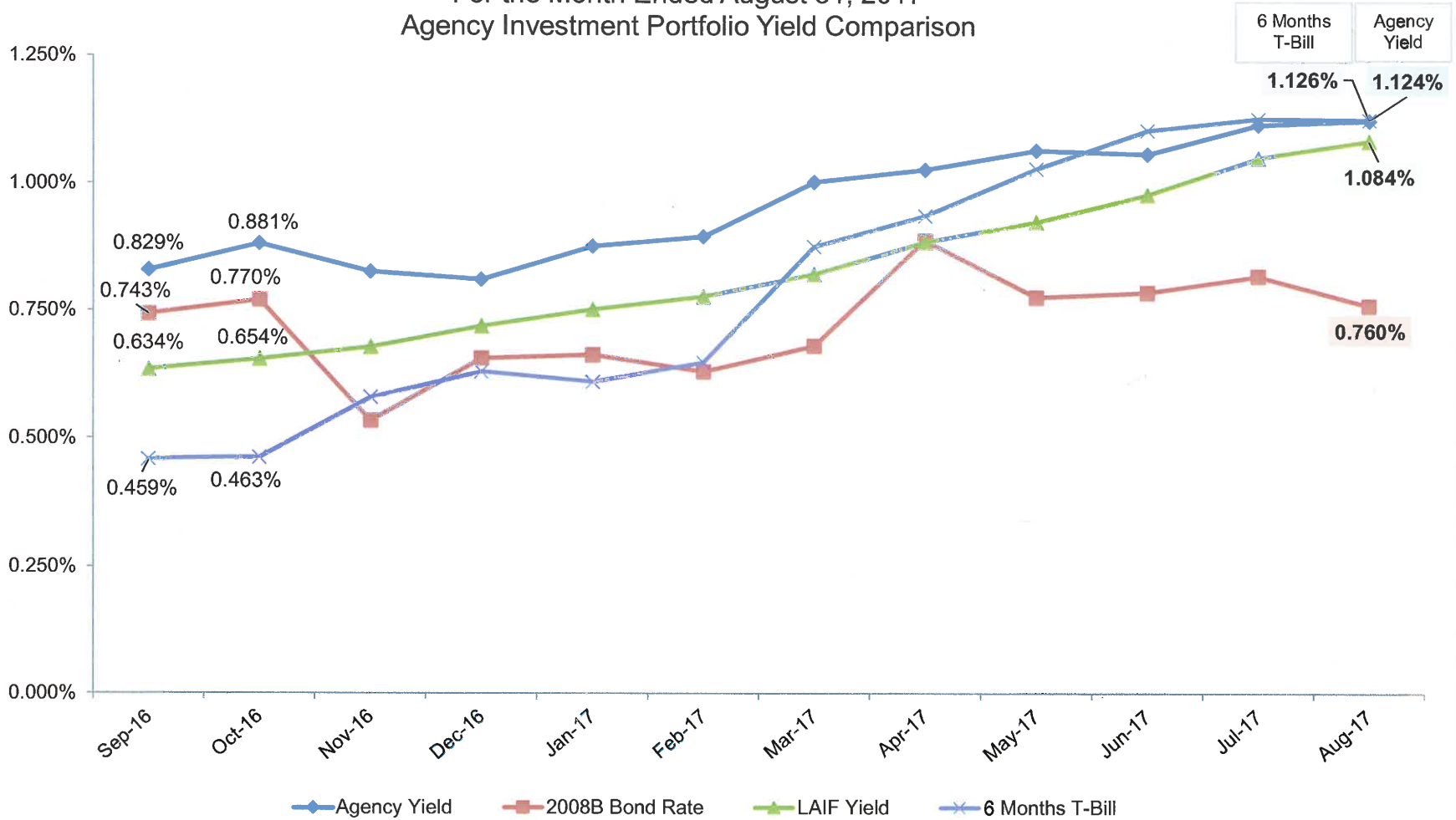
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended August 31, 2017
Unrestricted Agency Investment Portfolio
\$131,157,164



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended August 31, 2017
Agency Investment Portfolio Maturity Distribution (Unrestricted)
\$131,157,164



Inland Empire Utilities Agency
 Treasurer's Report of Financial Affairs
 For the Month Ended August 31, 2017
 Agency Investment Portfolio Yield Comparison



INFORMATION
ITEM

4E

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Finance & Administration

10/11/17

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

Subject: Funding of Estimated Workers' Compensation Liabilities

Executive Summary:

As a self-insured public entity, the Agency is required to file an annual report with the California Department of Industrial Relations. Additionally, pursuant to Labor Code Section 3702.6(b), staff is required to inform the Board of Directors within 90 days of the submission of said report, what the Agency's total estimated workers' compensation liabilities are, and confirm that funding of these liabilities is in compliance with the requirements of Government Accounting Standards Board Publication No. 10.

The report for the Fiscal Year ending June 30, 2017, was filed on September 11, 2017. As of June 30, 2017, the Agency's total estimated future workers' compensation liabilities for open claims, since the program's inception is \$342,570. This represents a decrease of \$15,049 from last year's liability of \$357,619. The decrease is attributable to a reduction in the number of open claims.

Workers' compensation claims and self-insurance reserves are funded in the Agency's Administrative Services (GG) fund. As of June 30, 2017 the Agency's self-insured workers' compensation reserve had an estimated balance of \$1,744,259.

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Funding for workers' compensation claims is appropriated in the Administrative Services (GG) fund FY 2017/18 Budget (account number 10200-121100-100000-509720).

Prior Board Action:

None

Environmental Determination:

Not Applicable

Business Goal:

This is consistent with IEUA's Business Goal of Workplace Environment and the staff safety objective to promote and ensure a safe and healthy work environment for all employees.

Attachments:

None

INFORMATION
ITEM


4F

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Community & Legislative Affairs

 10/11/17

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.

October 21, Landscape and Water Conservation Festival, CBWCD: 4594 San Bernardino Street, Montclair, 9:00 a.m. – 2:00 p.m.

October 25, IEUA Blood Drive, IEUA HQB Blood Mobile, 8:00 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 distributed an email blast to 250,000 IP addresses (Geo Target: Educators, Families with children ages 5-18 – all within IEUA's service area) in September.

Staff is continuing to schedule Water Discovery field trips for program year 2017/18. To date, staff has provided field trips and scheduled approximately 1,417 students from July 2017 to March 2018.

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file.

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

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

October

- October 21, Landscape and Water Conservation Festival, CBWCD: 4594 San Bernardino Street, Montclair, 9:00 a.m. – 2:00 p.m.
- October 25, IEUA Blood Drive, IEUA HQB Blood Mobile, 8:00 a.m. – 1:00 p.m.

December

- December 20, IEUA Holiday Luncheon, Los Serranos Country Club: 15656 Yorba Avenue, Chino Hills, 11:00 a.m. – 3:00 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 distributed an email blast to 250,000 IP addresses (Geo Target: Educators, Families with children ages 5-18 – all within IEUA's service area) in September.
- A fall email blast will be distributed in the month of October that will focus on fall planting and irrigation tips.

Media and Outreach

- IEUA ran an ad in the Senior Living section of the *Champion Newspaper* on October 7.
- IEUA continues to run banner ads with *Fontana Herald News*.
- Staff ran a *Kick the Habit* Halloween-themed ad in October's issue of Inland Empire Magazine.
- In September, 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 September were:
 - 9/7: #ThrowbackThursday Feature - Biogas Digester Project at Regional Water Recycling Plant No. 2 in May 1991
 - 9/6: National Preparedness Month – Make an Emergency Plan
 - 9/5: Free Landscape Evaluation Promo
- The top three tweets, based on reach and engagement, in the month of September were:
 - 9/20: Chino Day at the LA County Fair – Outreach
 - 9/6: National Preparedness Month – Make an Emergency Plan
 - 9/12: Drip Kit Workshop Promo

Education and Outreach Updates

- Staff held a lottery drawing to determine IEUA's three sponsored Solar Cup teams for program year 2017/18. Team names were submitted to MWD on September 7: Chino High School (Chino), Upland High School (Upland), and Los Osos High School (Rancho Cucamonga). Staff has submitted a request to MWD for an additional allotment and should receive an answer by early October. Teams will attend their first boat building workshops November 4 and 5.

- Staff is continuing to schedule Water Discovery field trips for program year 2017/18. To date, staff has provided field trips and scheduled approximately 1,417 students from July 2017 to March 2018.
- Staff has conducted 11 of the 12 school site evaluations for the qualifying 2017/18 Garden in Every School® Mini-Grant participants. After site evaluations take place and recommendations are made, schools will receive \$1,000 to fund approved garden materials.

INFORMATION
ITEM

4G

Innovative Federal Strategies LLC

Comprehensive Government Relations

MEMORANDUM

To: Joe Grindstaff, Kathy Besser

From: Letitia White, Jean Denton, Annie Wake

Date: September 29, 2017

Re: September Monthly Legislative Update

Congress Sends Debt Ceiling, Continuing Resolution, Hurricane Aid Package to Trump

Congress cleared legislation Friday, September 8 to suspend the U.S. debt limit and provide \$15.25 billion for hurricane relief under a deal between President Donald Trump and Democrats. In a 316-90 vote, the House agreed to suspend the debt limit and keep the government open through Friday, December 8 and finance aid to flood victims in Texas and other parts of the Gulf Coast. The President also signed the measure on Friday, September 8.

To many Republicans, President Trump's deal with Democrats showed that even with their party in control of the White House and both chambers of Congress, they cannot easily accomplish their goals. They wanted spending cuts and a longer-term debt limit extension. House Speaker Paul Ryan (R-WI) backed the bill after initially seeking a longer extension and then reversed course after the President agreed to the short-term deal with Democratic leaders.

Republicans say Democrats may gain the upper hand in negotiations when the short-term agreements are due to expire in early December. The agenda likely will include President Trump's proposed border wall with Mexico, his decision to end a program that lets young undocumented immigrants stay in the U.S., and perhaps the debt limit.

All of the votes against the bill were cast by Republicans. Many GOP members said they had little choice but to support the measure because funding is urgently needed for disaster relief.

"Of course, I have to vote yes. It's my district that was hit," said Representative Blake Farenthold (R-TX), whose Texas district includes Corpus Christi and much of the area

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along the Gulf of Mexico damaged by Hurricane Harvey. "The saving grace of this is we can revisit the debt ceiling in a couple of months and maybe get some spending reforms."

With Hurricane Irma bearing down on Florida and tens of thousands suffering flood damage along the Gulf coast from Harvey, the bill will replenish the depleted Federal Emergency Management Agency (FEMA) disaster relief fund with \$7.4 billion, plus \$450 million in funding for the Small Business Administration and \$7.4 billion for the Community Development Block Grant (CDBG) program to address housing needs in disaster zones.

The bill, H.R. 601, also extends the nation's flood insurance program to Friday, December 8, a high priority in the wake of Harvey and Irma.

An earlier version of the bill containing just Harvey aid passed the House on a 419-3 vote. The President then surprised Republicans by agreeing to attach the short-term debt ceiling and government funding bill, even though the final bill did not include funding for a border wall. In May, President Trump suggested a government shutdown in September would be needed to force Democrats to fund the wall on the U.S.-Mexico border.

Bruising December

The legislation sets up a bruising December for Congress, which is already attempting to rewrite the U.S. tax code by the end of the year. December presents big opportunities for congressional Democrats and risks for Republicans.

Senate Minority Leader Chuck Schumer (D-NY) and House Minority Leader Nancy Pelosi (D-CA) had advocated for a short-term debt ceiling increase to obtain more leverage in December talks over a final spending deal for fiscal 2018.

Democratic leaders, knowing their votes are needed to pass a debt ceiling increase, plan to seek higher domestic spending in those talks. They may use the occasion to push for legislation exempting undocumented immigrants who arrived in the U.S. as children from deportation.

Senator Schumer said his hopes for an immigration deal have been raised by the "happy ending" that President Trump provided to the September fiscal debate. President Trump and Democrats also discussed working on a deal to end periodic debt ceiling votes, an idea that splits Republicans.

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“For many years, people have been talking about getting rid of debt ceiling altogether,” President Trump told reporters Thursday, September 7 at the White House. “And there are a lot of good reasons to do that, so certainly that’s something that will be discussed. House Speaker Ryan and Senate Majority Leader Mitch McConnell (R-KY) lost the fight over the length of the debt ceiling extension at a tense Oval Office meeting Wednesday, September 6 hours after Speaker Ryan denounced a short-term debt extension in a press conference.

"The longer, the better for the stability of the credit markets. That’s my strong opinion," the House Speaker said afterward. He added that in agreeing to the short-term extension, President Trump "was interested in making sure that this is a bipartisan moment while we respond to these hurricanes."

House Passes Spending Package as Lawmakers Eye December Talks

Thursday, September 14, the House passed a \$1.2 trillion fiscal year 2018 spending package, laying down a marker ahead of negotiations with the Senate and White House over a final spending deal in December, as the current continuing resolution (CR) expires on Friday, December 8.

The 12-bill package (H.R. 3354), which includes \$510 billion for non-defense discretionary spending and \$621 billion for defense spending, passed by a vote of 211-198.

Bipartisan negotiations will be needed to avoid automatic spending cuts known as sequestration because the measure exceeds the Budget Control Act (BCA) military spending cap of \$549 billion. The cap on non-defense discretionary spending is \$516 billion. Democrats have criticized the focus on defense spending over non-defense spending.

While skinnier than the bills that Senate appropriators have marked up so far this year, the House omnibus would provide more funding overall than President Donald Trump requested. The White House sought \$462 billion in non-defense discretionary funds, or \$48 billion less than the House’s spending package. The White House had asked for \$603 billion in defense funds, \$18 billion less than the House measure would provide. Any measure lifting the defense caps would require support from Senate Democrats, who’ve called for a corresponding increase in the caps for domestic programs.

House and Senate Appropriations Committee staffers have started informal discussions, and talks will intensify before the current continuing resolution (CR) funding runs out,

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said Representative Ken Calvert (R-CA), who chairs the House Appropriations Interior-Environment Subcommittee.

"We have an eventful day coming up in December, so I hope this leads to a budget agreement," Representative Calvert said. "That would be the best thing."

The Senate has not passed any appropriations bills. Senate Appropriators have advanced eight of their 12 bills, avoiding some of the partisan flash points that turned off Democrats to the House's bills.

House Disputes

In addition to debates over the topline numbers, the House spending package has prompted fights over policy riders -- some that Republicans included, and others that Democrats were not permitted to have considered.

"The process for this bill has been outrageous, and this debate is an utter waste of time," House Appropriations Committee Ranking Member Representative Nita Lowey (D-NY) said in a floor speech.

The House Rules Committee didn't allow a vote on an amendment that would have barred the federal government from interfering in areas that have legalized medical marijuana, including 29 states, the District of Columbia, Guam and Puerto Rico. Offered by Representative Dana Rohrabacher (R-CA), the House has included the provision since fiscal year 2015, and the Senate Appropriations Committee incorporated it in its fiscal 2018 proposal. Senate Subcommittee Chairman Senator Richard Shelby (R-AL) has said he would like to see it omitted from a final spending deal.

Democratic amendments that didn't get floor votes included a proposal to let participants in the Deferred Action for Childhood Arrivals (DACA) program eligible to work for the federal government.

Trump Administration Tax Plan Released

President Trump and Republican leaders launched an urgent effort to get a major legislative win this year, announcing a long-awaited tax plan that will immediately set off a fight over how much top earners should pay.

The framework proposes cutting the top individual rate to 35 percent -- but leaves it up to Congress to decide whether to create a higher bracket for those at the top of the income scale, according to the document released Wednesday, September 27.

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The rate on corporations would be set at 20 percent, down from the current 35 percent, and businesses would be allowed to immediately write off their capital spending for at least five years. Pass-through businesses would have their tax rate capped at 25 percent.

The plan sets out three tax brackets for individuals -- 12 percent, 25 percent and 35 percent, down from the existing seven rates, which top out at 39.6 percent. Though a system of three tax brackets are not firmly set, as congressional tax-writing committees will be given flexibility to add a fourth rate for the highest earners -- an effort to prevent the overhaul from providing too much of a benefit for the wealthy.

There is significant support among Republican members of the tax-writing House Ways and Means Committee to create a special top income-tax bracket for the highest earners, according to a GOP member of the panel. Still, House Ways and Means Chairman Kevin Brady (R-TX) has said he's committed to offering across-the-board tax relief. President Trump has repeatedly said he's focusing on middle-class individuals.

At the same time, though, the tax plan calls for repealing the alternative minimum tax, the estate tax and the generation-skipping estate tax, all of which would be a boon for higher earners and the wealthy.

“The last thing we should be doing right now is providing hundreds of billions in tax breaks to the wealthiest people and most profitable corporations in this country,” Senator Bernie Sanders (I-VT), an independent who caucuses with the Democrats, said in an statement. “It is particularly obscene to repeal the estate tax that would provide a \$269 billion tax break to the top 0.2 percent.”

The release of the plan is the result of a months-long process to craft a tax overhaul that was a key promise in President Trump's campaign. But it marks only the start of what could be a brutal fight in Congress among lawmakers who disagree on key elements of the framework. One influential skeptic has been Senate Finance Committee Chairman Orrin Hatch (R-UT), who pledged his committee would not be a “rubber stamp” for the plan.

Other Republicans cheered the plan. “At first glance, the policies released today are good news to the American people,” Representative Mark Walker (R-NC), chairman of a large conservative caucus, said in statement. “We need to begin acting on this framework legislatively as soon as possible.”

International Plans

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On the international side, the plan would move toward a “territorial” approach that would scale back the U.S.’s unique worldwide approach to taxing corporate profits regardless of where they’re earned. But it includes “rules to protect the U.S. tax base by taxing at a reduced rate and on a global basis the foreign profits of U.S. multinational corporations.” The amount of that reduced rate isn’t specified.

Companies with accumulated offshore profits would be subject to a one-time tax on those earnings -- clearing the way for that income to return to the U.S. The rates that would be applied are unclear, but there would be a higher rate for income held in cash compared to the rate for less liquid investments. Firms would be able to pay the new tax over several years.

Under current law, companies can defer paying U.S. tax on their offshore earnings until they bring them to the U.S. As a result, U.S. firms have stockpiled an estimated \$2.6 trillion in profit offshore.

So-called pass-through entities, which include partnerships and limited liability companies, would see their rate capped at 25 percent. Currently, those businesses -- which can range from mom-and-pop grocers to hedge funds -- don’t pay income tax themselves but pass their earnings through to their owners, who then pay tax based on their individual rates.

While the pass-through rate cut would represent a major tax break for lucrative pass-throughs, tax-writers would craft measures aimed at preventing individuals from recharacterizing their personal wages as business income.

Middle-Class Benefits

In terms of middle-class benefits, the framework outlines a near doubling of the standard deduction -- to \$12,000 for individuals and \$24,000 for married couples -- and calls for “significantly increasing” the child tax credit from the current \$1,000 per child under 17. It would also expand eligibility to include more upper-middle class parents.

The tax plan still lacks extensive details about ways to offset its rate cuts with additional revenue. It says most itemized deductions for individuals should be eliminated, without providing specifics -- while calling for mortgage interest and charitable giving deductions to be preserved. The tax exemption for municipal bonds would also be retained.

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However, the state and local tax deduction would be abolished. Ending that break, which tends to benefit high-income filers in Democratic states, would raise an estimated \$1.3 trillion over a decade. The move faces some Republican headwinds from lawmakers in districts that use the deduction heavily.

The plan would also limit the interest deduction companies can take on their borrowing, but no additional details were provided. Congress's tax-writing committees will be tasked with limiting other business credits to help generate additional revenue.

Seeking Offsets

House leaders have proposed abolishing the corporate interest deduction, a move opposed by debt-reliant industries like private equity and commercial real estate. Senate leaders, including Senators Hatch and John Thune (R-ND), the chamber's No. 3 Republican, have said they want to maintain the deduction at some level at least.

The lack of consensus on how to offset tax cuts -- a prerequisite to making them permanent under the procedure that Senate leaders plan to use to pass the legislation -- poses hurdles. If they fail to raise enough money to avoid a long-term hit to the deficit, at least part of the package would have to expire within a decade under current rules. But as tax writers surface ideas to raise revenue by closing loopholes or ending specific tax breaks, they'll unleash a torrent of lobbying similar to the campaign that killed a proposed border-adjusted tax earlier this year.

"We're already working on it," said Representative Carlos Curbelo (R-FL), a member of the Ways and Means panel, in reference to finding offsets. "There are a number of pay-fors out there that are not just pay-fors, but also good elements of tax reform that will level the playing field across the economy and lead to greater growth," said Representative Curbelo. He said the committee's goal is to make the tax changes as permanent as possible.

Demise of Obamacare Repeal Shows How Far GOP Remains from Goal

Senate Republicans spent the last few weeks making one last desperate push to repeal Obamacare. But as they neared a final deadline, it became clear: They were never really all that close.

Senator Susan Collins (R-ME) said Monday, September 25 the bill would cause too many Americans to lose insurance, while Senator Rand Paul (R-KY) said it preserved too many of the federal subsidies for health care -- even after the bill's authors made a spate of last-minute changes to win them over. Their opposition followed Senator John

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McCain's (R-AZ) declaration last week that it was too hasty and partisan, as the Republican raced to meet a Saturday, September 30 deadline.

Their firm stances against it -- each for a very different reason -- underscore the difficulty Republicans face in trying to make dramatic changes to the 2010 Affordable Care Act (ACA). Even though most Republicans relish replacing President Barack Obama's signature achievement with something less costly and more flexible, doing so is all but impossible with wafer-thin control of one of the chambers.

Senate Majority Leader Mitch McConnell (R-KY) decided not to put Republicans through the spectacle of one more vote on a bill to repeal the ACA that is doomed. Republicans, who hold 52 seats in the chamber, could also make another run at repeal later in the year when they try to enact a GOP tax overhaul, but that could prove even more challenging.

Meanwhile, Senator Lamar Alexander (R-TN), who leads a key Senate health committee, said on Tuesday, September 26 that he's resumed exploring bipartisan ways to shore up the market and limit premium increases for next year. An earlier effort he spearheaded with Senator Patty Murray (D-WA) state was sidelined by the renewed repeal push. A likely compromise would fund cost-sharing reduction payments while giving states more flexibility to set their own insurance rules.

President Trump and Democrats Near Another Deal, This Time on Immigrants

President Trump said he is close to a deal with congressional Democrats to permanently safeguard from deportation nearly a million immigrants brought illegally to the U.S. as children -- people whose protections he promised as a candidate to end on his first day in office.

He also said that a deal to reinstate the protections, known as Deferred Action for Childhood Arrivals (DACA) and established under former President Barack Obama, would not include money to construct a wall on the border with Mexico.

"We're working on a plan for DACA. People want to see that happen," President Trump told reporters as he left the White House to visit hurricane-ravaged Florida. "You have 800,000 young people brought here, no fault of their own, so we're working on a plan." The plan would include "massive border control," he said, but money for his promised border wall "will come later," he said.

After criticism by members of his own party, President Trump repeatedly shifted his conditions for a DACA deal over the course of the day. Upon landing in Florida, he said the border wall wouldn't have to be included in the legislation -- but that Democrats

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would have to promise not to “obstruct” it in the future. When he returned to the White House later, he again made clear the wall and DACA would be handled separately.

The President’s deal-making -- which came at a White House dinner on Wednesday, September 13 with Senate Minority Leader Chuck Schumer (D-NY) and House Minority Leader Nancy Pelosi (D-CA), both Democrats -- left Republicans flummoxed as the president issued multiple, and sometimes contradictory statements, about what exactly had been agreed to.

News of the deal drew swift rebukes from factions of the Republican party that want to reduce immigration to the U.S. It was the president’s second such deal with Senator Schumer and Representative Pelosi in as many weeks, following an agreement to delay a potential default on the nation’s debt and a fight over the government’s budget until December.

President Trump defended his plan to enact a DACA-like program, telling reporters in Florida, “We’re not looking to citizenship. We’re not looking at amnesty. We’re looking at allowing people to stay here.”

‘Trump Caves’

Representative Steve King (R-IA), who is one of the strongest advocates of immigration restrictions in Congress, lumped the President together with previous presidents who had sought to grant undocumented immigrants legal status.

Representative King said he worries that a DACA deal will rip apart the party’s base. But he said that Republicans will have trouble rejecting something if President Trump is behind it. “It’s hard to oppose the president of your own party,” he said.

Several Senate Republicans said they could support some kind of package with DACA protections and border security. House Speaker Paul Ryan (R-WI) said that President Trump made clear in a phone call from Air Force One Thursday, September 14 that “there is no agreement.”

“I think the president understands he needs to work with majority,” Speaker Ryan told reporters. “We’re not going to bring a solution to the floor that doesn’t have the support of President Trump.”

A White House spokeswoman, Lindsay Walters, told reporters aboard Air Force One that the DACA legislation would provide the immigrants a “responsible path forward” that “could include legal citizenship over a period of time.”

“There will be no amnesty,” Walters said. Representative King and other immigration restrictionists generally consider any path to citizenship for undocumented immigrants to be amnesty.

President Trump told reporters as he boarded the presidential helicopter that he’d spoken with Republican leaders in Congress and that House Speaker Ryan and Senate Majority Leader Mitch McConnell (R-KY) were on board with a DACA deal.

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Earlier on Thursday, September 14, the President promised a bipartisan group of House members that he would seek a vote in Congress soon on protecting the young undocumented immigrants, said Representative Henry Cuellar (R-TX) “He did say, ‘We need to move on this quickly. I don’t want to wait six months. People forget about it in six months,’” Representative Cuellar said after President Trump met Wednesday, September 13 at the White House with about a dozen lawmakers who call themselves the “problem solvers.”

Representative Cuellar said the President wanted to put in law the Obama-era program shielding immigrants illegally brought to the U.S. as children, and combine it with increased security along the U.S.-Mexico border and elements of a separate proposal giving immigration priority to high-skilled workers. President Trump also stressed the need for low-skilled workers in the agricultural industry, Representative Cuellar said.

DHS Announces Grant Allocations for Fiscal Year 2017 Preparedness Grants

On Friday, September 1, the Department of Homeland Security (DHS) announced allocations of \$288 million for six Fiscal Year (FY) 2017 DHS competitive preparedness grant programs to be used for states, urban areas, tribal and territorial governments, nonprofit agencies, and the private sector in conjunction with their preparedness efforts.

Upon the announcement of the grants, Acting Secretary Elaine Duke stated, “The Department of Homeland Security remains committed to supporting our partners in government and the private sector nationwide as we strengthen our ability to prepare for and respond to a variety of threats together,” said Acting Secretary Elaine Duke. “The threat environment today is continuing to evolve quickly, and these grants help our partners plan for and ready themselves against everything from natural disasters to terrorist attacks. Protecting the American people is a shared responsibility, and we must remain vigilant and ready to respond.”

Notable DHS grant funding for FY 2017 include:

Homeland Security Grant Program (HSGP)—provides more than \$1 billion for states and urban areas to prevent, protect against, mitigate, respond to, and recover from acts of terrorism and other threats.

Emergency Management Performance Grant (EMPG) Program—provides more than \$350 million to assist local, tribal, territorial, and state governments in enhancing and sustaining all-hazards emergency management capabilities.

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Transit Security Grant Program (TSGP)—provides \$88 million to owners and operators of transit systems to protect critical surface transportation and the traveling public from acts of terrorism and to increase the resilience of transit infrastructure.

President Trump's Indefinite Travel Ban Opens New Stage in Legal Fight

President Trump restricted or suspended travel to the U.S. from eight countries, adding North Korea and Venezuela, while subtracting Sudan, from his earlier ban on travelers from six Muslim-majority nations.

“I must act to protect the security and interests of the United States and its people,” the President wrote in the Sunday, September 24 proclamation. The move came as the original order, which had been limited by court challenges, was set to expire. Speaking to reporters earlier, President Trump said “the tougher, the better” about the restrictions, which will remain in place until the countries are found to have changed their behavior. During his presidential campaign, President Trump spoke often of “extreme vetting” of those wanting to enter the U.S.

The new restrictions impact travel to varying degrees from Iran, Libya, Somalia, Syria and Yemen, all of which were on the original list. The U.S. will also now restrict or ban travel from Chad, North Korea and Venezuela. Each of the countries will be subject to its own set of restrictions, as set out in the new order. Sudan is no longer on the list. The Department of Homeland Security would have the authority to add or remove travel restrictions on countries as conditions change, a senior administration official said.

New parts of the restrictions will take effect Monday, October 18, a grace period that may prevent the kind of mass confusion seen at airports in the U.S. and abroad after the initial iteration of the travel ban took effect immediately. Other limitations took effect Sunday, September 24.

“The State Department will coordinate with other federal agencies to implement these measures in an orderly manner,” Secretary of State Rex Tillerson said in a statement. The previous travel ban was scheduled to expire on Sunday after the Supreme Court’s ruling in June, which tailored the ban to only include those who have no “bona fide relationship” to the U.S.

DHS Study

Acting Homeland Security Secretary Elaine Duke sent President Trump recommendations for entry restrictions and additional visa requirements tailored to shortcomings in the information each country shares with the U.S. and an assessment of the risk of terrorist infiltration the nation poses, administration officials announced on Friday, September 22.

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“The restrictions announced are tough and tailored, and they send a message to foreign governments that they must work with us to enhance security,” Acting Secretary Duke said in a statement Sunday, September 24.

In the order, the President said the Secretary of Homeland Security assessed that Iraq also did not meet requirements for identity-management protocols and other risk-mitigating factors -- but that entry restrictions weren't warranted given the country's ties to the U.S. and efforts to combat terrorists.

President Trump's previous efforts to restrict travel to the U.S. prompted court challenges, mass protests and criticism from corporate leaders. He rescinded his first travel ban after it was halted by a judge and replaced it with a new executive order on Monday, March 6, which was challenged at the Supreme Court. That order was set for a Sunday, October 10 argument at the Supreme Court. It's unclear how the new restrictions issued by President Trump will impact that case, which also covers a separate provision of the order that suspends refugee admissions until Tuesday, October 24.

Justice Department spokeswoman Sarah Flores said last week that government lawyers would continue to “vigorously defend” the travel restrictions. A Trump Administration official said an updated brief will be filed with the Supreme Court Sunday, September 24.

Tensions Inflamed?

The travel restrictions could further inflame geopolitical tensions around the world as President Trump is engaged in heated rhetoric against the governments of Iran, North Korea and Venezuela.

The U.S. notified all countries in July of “baseline” standards they would need to meet to avoid travel restrictions, said Miles Taylor, a counselor to Duke at the Department of Homeland Security. Several countries didn't respond to the U.S. requests for more information, he said. “Some countries didn't even have the courtesy to say ‘fly a kite’,” Taylor said. “We're talking about countries that were willfully non-compliant and refused to engage with the United States.”

With Venezuela and North Korea now on the list, President Trump's ban may no longer be tagged as a de-facto ban on Muslims entering the U.S., as he pledged to do during his campaign. But that wasn't the reason the two countries were added, a White House official stated.

White House Regulatory Staffing and Future Plans

The White House has continued their focus on streamlining and limiting government regulations through and emphasis on staffing regulator positions and focusing on regulator budget plans.

Regulatory Staffing:

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The White House Office of Information and Regulatory Affairs (OIRA) is now fully staffed with four political appointees to help Administrator Neomi Rao fulfill the president's deregulatory agenda.

OIRA, an agency within the Office of Management and Budget (OMB), reviews all significant federal regulations before executive branch agencies release them, and therefore plays a key role in shaping the regulatory policies of the Trump Administration. Rao won Senate confirmation July 10 in a 54-41 vote to be President Trump's chief regulatory officer and leader of the administration's efforts to deregulate and simplify rules. Since then, Rao has hired or retained four senior staff officials from a variety of backgrounds who bring differing perspectives to the regulatory debate.

Agencies to Submit Next Year's Regulatory Plans

Federal agencies had to submit by Monday, September 18 their plans to regulate and deregulate in the year ahead, although the Office of Management and Budget (OMB) still has not given them their regulatory budgets for fiscal 2018.

Agencies also are being asked to fill out new worksheets to show compliance with Executive Order 13,771, which requires them to eliminate two regulations for every one issued and offset the cost of the new one. The new worksheets submitted to OMB will clearly identify deregulatory actions but won't be made public. "This process highlights agency priorities, promotes planning and coordination, and encourages public participation in the regulatory process," said an OMB memorandum dated Friday, August 18.

Beginning with the fall 2017 agenda, agencies were told they should not issue regulations in the coming year that have not been included in the most recent version of the agenda, the latest memo said.

Generally, agency plans should describe the most important significant regulatory and deregulatory actions that the agency reasonably expects to issue in proposed or final form during the upcoming year through October 2018, the memo said. This year, agencies should balance the costs of anticipated regulatory actions issued within the fiscal year with cost savings from anticipated deregulatory actions, the memo declared.

Senate Passes FY18 Defense Authorization Bill

By an 89 to 8 vote, the Senate passed legislation that authorizes \$700 billion for national security spending in fiscal year 2018 and permits \$60 billion in war spending. Under the legislation, defense programs would be authorized to receive \$692.1 billion in discretionary funding under the fiscal 2018 defense authorization measure, S. 1519, approved by the Senate Armed Services Committee. The measure could be offered as a substitute amendment to the House-passed bill, H.R. 2810.

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The authorization primarily covers defense activities at the Defense Department (DOD), as well as some programs at the Energy and State departments.

The authorization would include \$640 billion in base discretionary funding, which would exceed the \$549 billion defense spending cap under the 2011 Budget Control Act, Public Law 112-25. The bill also would authorize \$60.2 billion in Overseas Contingency Operations (OCO) funding that doesn't count against the cap on defense spending. The House-passed measure would have authorized \$74.6 billion in OCO funds.

INFORMATION
ITEM

4H



September 29, 2017

To: Inland Empire Utilities Agency

From: Michael Boccadoro
Beth Olhasso

RE: September Legislative Report

Overview:

The first year of the 2017-2018 Legislative Session concluded in the very early morning hours of September 16. Over the course of the year 1,191 bills were passed with about 700 still on the Governor's desk awaiting action before the October 15 deadline. In the final weeks, days and hours of the session, consideration was given to bills ranging from water conservation to clean energy.

Establishing long-term water-use efficiency standards and a drinking water fee were among the hottest topics in Sacramento at the end of the session. Both proposals were made two-year bills. Other hot legislative topics include revising Proposition 218 for stormwater financing and low-income rates, and establishing a 100 percent Renewable Portfolio Standard.

The Public Policy Institute of California (PPIC) recently released a report urging new commitment and specific management techniques to improve the health of California's headwater forests. The funding for such projects is still unclear.

The U.S. Bureau of Reclamation and water contractors have proposed to increase pumping from the Sacramento-San Joaquin Delta starting the first week of October by a total of 400,000 acre-feet.

As widely reported, the Westlands Water District recently voted to not participate in the California WaterFix. While not unexpected, it still leaves many wondering what the fate of the project will be. The Metropolitan Water District of Southern California held a public hearing on WaterFix ahead of its October 10 vote on the project with other contractors holding votes in the coming weeks.

California Air Resources Board Chair Mary Nichols was in New York at the end of September and stated that Governor Brown has expressed interest in barring the sale of vehicles powered by internal combustion engines to help meet the state's long-term greenhouse gas emissions goals.

Efforts to allow the California Independent System Operator (CAISO) to move forward with entering into an agreement to establish a western regional grid were once again introduced at the very end of the legislative session and were once again shelved because of significant opposition. This issue remains very important to the Governor, so the ongoing discussion will likely return in 2018.

Inland Empire Utilities Agency

Status Report – September 2017

PPIC Recommends Action to Protect Headwater Forests

The Public Policy Institute of California (PPIC) recently released a report urging new commitment and specific management techniques to improve the health of California's headwater forests.

The report, *Improving the Health of California's Headwater Forests*, noted that headwater forests provide two-thirds of the state's surface water, and their condition affects both the quantity and quality of that supply. The long-standing policy of fire suppression has severely increased the density of trees and other fuels, resulting in massive tree die-offs and large, severe wildfires.

The report contained recommendations from the Water Policy Center of PPIC including management techniques such as prescribed fire, managed wildfire, and mechanical thinning to help rebuild forest resilience.

The PPIC report states that many reforms can be made at low or no added financial cost, but require political vision and commitment to bring state, federal and local stakeholders together.

"Making forest health a top land management priority for public and private lands would be a critical first step in reversing the degraded condition of the state's headwater forests," said report coauthor Henry McCann, a research associate with the PPIC Water Policy Center.

The report urges management, regulatory, and legal reforms that will allow strategic removal of high-density smaller trees and fuels to increase the long-term resilience of headwater forests.

Recommendations are grouped into these categories:

- Make long-term forest health the top priority for guiding agency rules, policy, and management practices.
- Define forest treatment needs and make the most of available funds.
- Make greater use of tools that create opportunities for collaboration.

A roundtable discussion of the report with stakeholders and public speakers was also held. One of the major barriers identified to headwater management was funding. In the past, several environmental groups have suggested that headwater management is as crucial as managing the State Water Project. They have suggested that funding headwater management come from all downstream water users. Several years ago, there was talk of legislation to fund headwater management through a water user fee, and it is possible a similar proposal could emerge in 2018.

Contractors Seek Increased Pumping

The U.S. Bureau of Reclamation and the water contractors have proposed to increase pumping from the Sacramento-San Joaquin Delta starting the first week of October. They contend that the complicated set of requirements federal scientists use to set Delta pumping rates would allow for 400,000 acre-feet of additional water to be pumped south this year. The pumping restrictions change with the seasons depending on river flows through the Delta, how salty the water is and where Delta smelt and other fish live at various points during the year.

The contractors see increased need to move more water south because of the crisis earlier this year at Lake Oroville. For safety purposes, dam managers are releasing an additional 1.5 million

acre-feet from the reservoir by Nov. 1- leaving less water available next spring and summer for the south-of-Delta State Water Project contractors.

Environmentalists, including the Natural Resources Defense Council, say the proposal would put the critically endangered Delta smelt at unnecessary risk when an abnormally wet year was supposed to give the fish a break, while the contractors contend that pumping reductions haven't been proven to help the smelt. Environmentalists additionally argue that during exceptionally wet years, Delta smelt are entitled to get flows heading toward the Pacific Ocean that keep them in their preferred habitat in the Suisun Marsh. The additional pumping proposed by the contractors could reduce flows to the point that smelt would be pushed into undesirable areas. Environmentalists also noted that the last time conditions allowed for high Delta outflows this time of year was in 2011, and the smelt saw a "10-fold increase" in their population numbers.

Federal regulators are expected to make a decision sometime during the first week of October.

WaterFix Update

As widely reported, the Westlands Water District recently voted to not participate in the California WaterFix. While not unexpected, it still leaves many wondering what the fate of the project will be. The Metropolitan Water District of Southern California held a public hearing on WaterFix ahead of its October 10 vote on the project. There was about five hours of public comment and only minor discussion from MWD Directors. Several directors made it very clear they were not interested in picking up Westlands share of the cost.

Zone 7 Water Agency, a contractor just east of San Francisco, voted to support the WaterFix, while other contractors such as Kern County Water Agency, and Santa Clara Valley Water District have scheduled votes in the days and weeks following the MWD vote.

In the meantime, the State Water Resources Control Board announced they will move forward with Part 2 of the hearing, on DWR and the U.S. Bureau of Reclamation's (Reclamation) water right change petition needed to move the intake location for the WaterFix project, beginning on January 18, 2018. A number of opponents have called for the indefinite delay of Part 2 pending the issuance of a Record of Decision (ROD) by Reclamation, and further consultation between Reclamation and the U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) in accordance with the National Environmental Policy Act.

Regulators have concluded that a continuation of the hearing is not legally required, and that the public interest weighs in favor of proceeding with the hearing. At the hearing, they will take into consideration: (1) the substantial information available concerning the potential effects of the project, (2) DWR and Reclamation's burden of demonstrating that each element necessary for approval of their petition has been met, (3) the risks and costs of postponing for an indefinite period the conclusion of the evidentiary hearing, and (4) either the hearing or the State Water Board's decision on the petition can be re-opened if necessary and appropriate to consider new information.

Following the hearing it is up to the SWRCB to either approve or deny the change in water right request. No timeline for that decision has been released.

California to Ban Internal Combustion Engines?

California Air Resources Board Chair Mary Nichols was in New York at the end of September and stated that Governor Brown has expressed interest in barring the sale of vehicles powered by internal combustion engines to help meet the state's long-term greenhouse gas emissions goals. According to Nichols, the Governor sees similar policies being discussed in China, the U.K. and France and is interested in a very similar policy for California.

Nichols notes that California already has the authority to write its own pollution rules, dating back to the 1970 Clean Air Act. But those rules are contingent upon waivers granted by the Environmental Protection Agency. Noting that it is highly unlikely that the Trump administration would grant such a waiver, Nichols said that the state would have to take a different route.

As Governor Brown enters his final year of office, this could be the final piece of legacy he is looking to create.

Regional Grid Proposal Update

Efforts to allow the California Independent System Operator (CAISO) to move forward with entering into an agreement to establish a regional grid in the West were once again introduced at the very end of the legislative session and were once again shelved because of significant opposition. Stakeholder discussions about a regional western grid previously happened through early 2017 before stalling.

Conversations over the regional grid virtually stopped until the late proposal surfaced.

Opposition was wide spread, as the proposal introduced had few details and no opportunity for legislative oversight once a more comprehensive plan is created. The proposal was for a CAISO driven process over ten months to create a governance proposal for a regional independent board. The "Regional Grid Transformation Committee" would be made up of four representatives from the legislature and four from the administration who would have final approval or refusal of the proposal. There would be a "market advisory committee" made up of market participants to advise throughout the process. A proposal was to be released by the end of October 2018 with a final decision by the committee by December of 2018.

Originally, one of the main reasons some other western states might want to join a western grid is to help with clean power mandates authorized by the Obama administration. With those mandates likely to be weakened or repealed, western states have less incentive to join California and other states.

Some lawmakers and environmentalists noted that any deal would have to ensure that California does not import "dirty electrons" from other states and that other states need to be like-minded to California when it comes to climate leadership. Large energy users are concerned that including other states could cause higher costs for ratepayers. The State Water Contractors are also concerned about cost implications.

A regional grid is a top priority for Governor Brown, so it is likely this issue will return next year.

Legislative Update

The first year of the 2017-2018 Legislative Session concluded in the very early morning hours of September 16. Over the course of the year 1,191 bills were passed with about 700 still on the Governor's desk awaiting action before the October 15 deadline. In the final weeks, days and hours of the session, consideration was given to bills ranging from water conservation to clean energy. Below is a summary of key legislation IEUA has been tracking.

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 would have accelerated the current 50 percent requirement to 2026 and created a new 60 percent renewable requirement by 2030.

The Investor Owned Utilities (IOUs) expressed concern 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.

As reported previously, the author surprisingly 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 went back and forth with the author of the bill and the committee chairs who had other differing opinions on whether to include the

SWP or not. The most current version of the bill not only included the SWP, but all state agencies.

The bill was not taken up for a vote in the Assembly before the deadline. The bill still had too much opposition from the utilities and the Pro Tem had other priorities at the end of session. It is likely that the bill will return in 2018.

Water Financing

Senator Bill Monning's (D-Carmel) legislation that would have created a fund for clean drinking water was also made into a two-year bill. SB 623 (Monning), sponsored by the Community Water Center and Western Growers Association, would create the "Safe, Affordable Drinking Water Fund." Stakeholders representing agriculture and some urban water interests worked with the proponents of the bill to reach a compromise, but one was never reached. The Association of California Water Agencies (ACWA) was in fierce opposition to the bill noting that, while they support clean drinking water for all, the General Fund is the more appropriate funding source.

The most recent amendments added a \$0.95 per month charge on all residential meters to fund the operation and maintenance of failing water systems. Some in the agricultural community also agreed to the portion of the bill that levies a mill tax on fertilizer and a livestock fee on milk production.

The proponents have vowed to work with the opposition over the winter to hopefully reach a compromise.

Water Use Efficiency Legislation

Implementation of the Brown Administration's final report on "Making Conservation a Way of Life" was not successful in 2017.

Several vehicles were used to try to implement new water-use efficiency standards including a budget trailer bill from the Governor to establish a process for creating long-term water use efficiency standards. Many in the water community were concerned with the proposed trailer bill because it deviated from the final report in that it left broad authority for the SWRCB to develop efficiency standards.

As previously reported, the Governor's office hosted 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 would delay voting so that members of a legislative working group could 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) developed their own legislation to establish short and long-term efficiency standards with Assemblymember Blanca Rubio (D-West Covina) as the sponsor.

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 to be considered in the normal legislative process.

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 committed to work with stakeholders and the administration to come up with a final package.

Senator Hertzberg set up a process run through his committee in coordination with the Assembly Water, Parks and Wildlife Committee and other Assembly stakeholders, to craft a comprehensive policy over the summer recess. Hertzberg and Senator Nancy Skinner (D-Berkeley) authored SB 606 to serve as the “Senate Version” of the package.

After several stakeholder meetings SB 606 and AB 1668 were amended to establish water efficiency targets. Many stakeholders saw this language as a step in the right direction, with many taking a Support if amended position, and eventual full support positions after some minor tweaks. The language gives the SWRCB authority to establish a statewide efficiency standard, however, requiring them to go back to the legislature if they want to revise the standard. Protection of water rights is clearly laid out in the language and Commercial Institutional Industrial customers are only to implement “performance measures.” However, some stakeholders were still concerned with how recycled water would be treated in the efficiency standards.

Among those concerned was Assemblymember Blanca Rubio, the author of AB 1654, who declined to take the amendments offered by the Natural Resources and Water Committee.

Throughout the end of session, she remained angry that Senator Hertzberg took over the process and didn't give her concerns significant attention.

While not the only reason the package failed, she was able to garner the support of enough members of the Moderate Democrats Caucus to make it difficult to find the 41 votes necessary for passage.

AB 869 (Rubio), which would give a full credit for potable reuse and a significant credit for landscape irrigation, had been stalled in the Senate Natural Resources and Water Committee.

Proposition 218 Reform

Senator Bob Hertzberg had 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, and passed off the Assembly floor with just 41 votes, the minimum needed for passage. It awaits action on the Governor's desk.

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 passed both houses, having never received a single "no" vote and is awaiting final action by the Governor.

Parks/Water Bonds

At the end of the session, SB 5 (de Leon, D-Los Angeles) passed through the legislature. While it was called a \$4 billion "Water and Parks Bond," there is very little funding for water projects included in the measure. Most notably, there is \$100 million for water recycling. Other "water" funding categories include: clean drinking water and drought preparedness, groundwater sustainability, flood protection and repair, regional sustainability, and funding for state and local conservancies.

Soon after the legislative session ended, Jerry Meral filed his bond measure and began the campaign to qualify the measure for the ballot. The \$8.78 billion bond is water and resource related and includes the following highlights:

- \$400 million for water recycling and desal
- \$750 million for safe drinking water
- \$5 million for IRWM
- 400 million for the capture and use of urban runoff and stormwater

The bond previously filed with the Secretary of State from The Nature Conservancy has been pulled from consideration after SB 5 passed.

**INFORMATION
ITEM**

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CALIFORNIA STRATEGIES, LLC

Date: September 29, 2017
To: Inland Empire Utilities Agency
From: John Withers, Jim Brulte
Re: September 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 month 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 September 5th. Calstrat principals attended and did discuss various issues with senior staff including the Regional Contract, Water Bank planning efforts, and legislative matters.
- We discussed the Sept 7 Water Leadership event with Roger Patterson.
- We continued to review the Chino Basin Water Bank work plan related to the consultant selection and discussed the recent Prop 1 Grant activities.
- We answered inquiries from IEUA Board members
- We reviewed General Manager recruitment activities and timeline.
- We discussed member agency communications.
- We discussed various pieces of state legislation including SB 49 and AB 1000.
- We monitored Santa Ana Regional Board activity that might impact the district.
- We discussed various member agency political developments and issues.

INFORMATION
ITEM

4J

Federal Legislation of Significance

Bill Number	Sponsor	Title and/or Summary	Summary/Status
H.R. 3711	Reps. Lamar Smith (R-TX)/Ken Calvert (R-CA) /Bob Goodlatte (R-VA)	The Legal Workforce Act	<p>A bill that would require all U.S. employers to use the E-Verify electronic employment verification system. The requirement would be phased over a two-year period, starting with the largest employers. The agriculture industry would have an additional six months (or 30 months total) to come into compliance.</p> <p>H.R. 3711 was referred to the Committee on the Judiciary, and in addition to the Committees on Ways and Means, and Education and the Workforce on Friday, September 8th.</p>
H.R. 601	Rep. Nita Lowey (D-NY)	Reinforcing Education Accountability in Development Act	<p>\$15.25 billion dollar bill for disaster aid following the destruction caused by Hurricane Harvey and anticipated by Hurricane Irma. This bill will also raise the debt limit and includes a continuing resolution funding the government until December 8th.</p> <p>H.R. 601 was passed in the Senate on Thursday, September 7 will additional Hurricane funding and the deficit reduction until December provisions. The House passed the bill on Friday, September 8, and was signed by the President on the same day.</p>
H.R. 3354	Rep. Ken Calvert (R-CA)	Make America Secure and Prosperous Appropriations Act, 2018	<p>An omnibus package including the Interior; Homeland Security; Financial Services; Commerce, Science, and Justice; Transportation, Housing and Urban Development; Agriculture; Labour and Health and Human Services, and Education; and State and Foreign Operations Appropriations Acts, fiscal year 2018. The House-passed version of H.R. 3354 includes all 12 appropriations bills, including four that were previously passed in H.R. 3219.</p> <p>Highlighted bills in this package are below.</p> <p>H.R. 3219 was introduced in the House Rules Committee on Wednesday, August 16. was considered and passed by a vote of 211 to 198 on the House Floor on September 14, 2017.</p>
H.R. 3219	Rep. Kay Granger (R-TX)	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>

			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.
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 Related Agencies Appropriations Act		<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> <p>Within the bill, Community Development Block Grants are funded at \$2.9 billion, \$100 million below fiscal year 2017 level.</p>
Sen. Lamar Alexander (R-TN)	Fiscal 2018 Energy and Water Appropriations Act		The Senate Appropriations Committee approved their FY18 Energy and Water Bill on July 20 th in full committee markup.

			<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 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</p>

			<p>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 scheduled 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>

			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.
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> <p>The House Natural Resources Committee approved the bill by a vote of 24-16 on April 27th. The House Rules Committee on June 20th dictated final amendments for passage on the House Floor; this bill passed the House on June 22nd by a vote of 233-180.</p>

INFORMATION
ITEM

4K

State Legislation

Bill Number	Sponsor	Title and/or Summary	Summary/Status	IEUA Position
AB 574	Quirk	Potable Reuse	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.”	SUPPORT Waiting for action by Governor
AB 791	Frazier	Sacramento-San Joaquin Delta: State Water Project and federal Central Valley Project: new conveyance facility.	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.	OPPOSE Failed in Assm. Appropriations DEAD

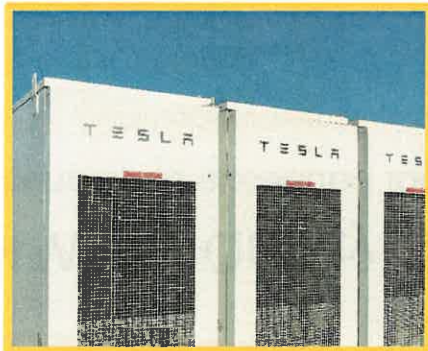
AB 792	Frazier	Sacramento-San Joaquin Delta: Delta Plan: certification of consistency.	The Sacramento-San Joaquin Delta Reform Act of 2009 establishes the Delta Stewardship Council and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, 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 Waiting for action by Governor

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.	SUPPORT 2-year bill
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 DEAD in Senate Natural Resources and Water
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.	Support 2-Year bill

INFORMATION
ITEM

4L

1st Quarter Planning & Environmental Resources Update



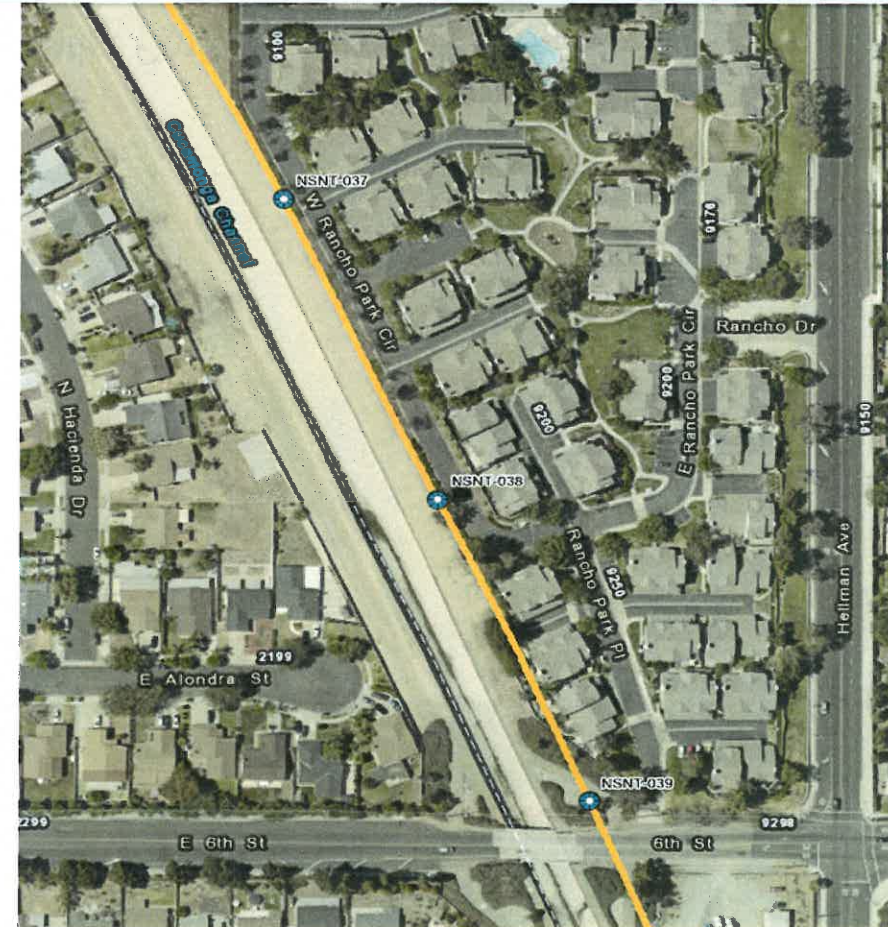
Regulatory Compliance Update

- Regional Water Quality Control Board
 - Permit conditions exceeded for the following:
 - CCWRF – Chlorodibromomethane, Dichlorobromomethane, Total Coliform
 - RP-5 – Total coliform
- Air Quality Management District
 - 100% compliance
- Division of Drinking Water
 - CDA1 and GWR – 100% compliance
- Odor complaints (Rancho/Ontario area)
 - Identified the source: NRWS customer



Hydrogen Sulfide Source Evaluation

- Odor Complaints
 - NRWS North system trunk
 - High levels of hydrogen sulfide
 - Line cleaning in September
 - Lining of 12 manhole structures
- Source Identification
 - Industries in compliance with sulfide limits
 - High sulfate and high strength organic waste
 - Vinegar manufacturer
- Next Steps
 - Pipeline assessment
 - Continue monitoring industries and collection system



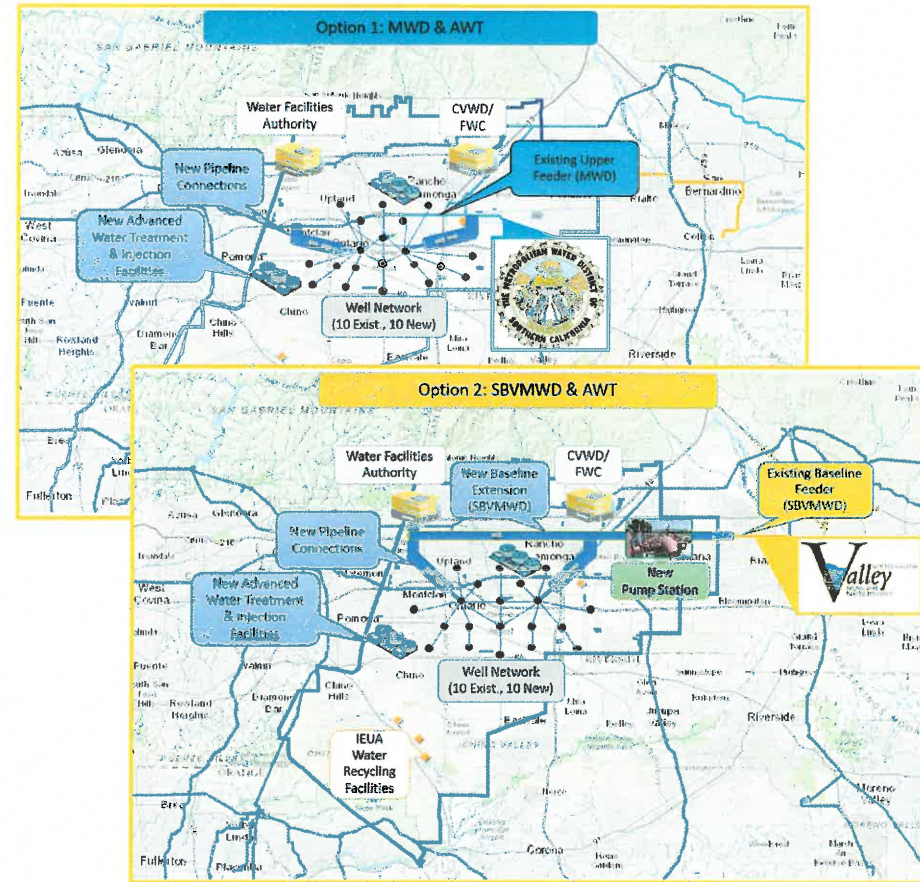
Water Resources Activities

- Regional Drip Kit Workshop (September 23, 2017)
 - Partnered with Three Valleys MWD
 - Instructional Class conducted by Rainbird
 - Free Kits distributed to eligible attendees
- Drought Plan
 - Update of IEUA's 2009 Plan
 - 50% funded by USBR
 - Kick-off Meeting – September 19, 2017
- Chino Basin Water Bank
 - 2nd Regional Workshop: October 31, 2017 at CVWD Frontier Project
 - Arcadis conducting interviews to prepare for the workshop
 - Refine principles for the water bank based on stakeholder input



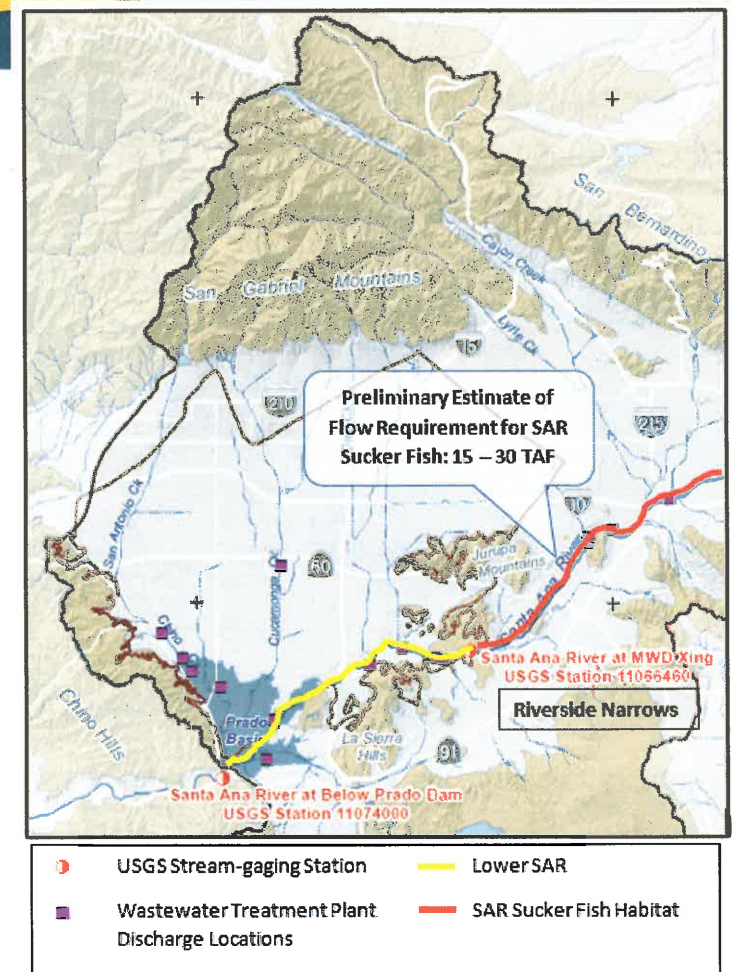
Water Resources Activities

- SARCCUP
 - Additional modeling by October 2017 to determine:
 - recommended projects and operations plan
 - how SARCCUP can deliver water without using MWD facilities
- Proposition 1 – Water Storage Investment Program
 - Submitted application August 14th for \$480 M in regional projects
 - Staff will continue to conduct technical feasibility studies as needed to develop the proposed project concept.



Water Resources Activities – Continued

- Upper Santa Ana River Habitat Conservation Plan
 - Minimum discharges in critical fish habitat = 36 cubic feet per second
 - Modeling underway to evaluate interaction between river and groundwater basins
 - Draft plan should be completed by 2019



INFORMATION
ITEM

4M

Date: October 18, 2017

To: The Honorable Board of Directors

From: P. Joseph Grindstaff, General Manager

Committee: Engineering, Operations & Water Resources Committee

10/11/17

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

Subject: Planning & Environmental Resources Annual Reports (10-Year Growth Forecast, Water Use, and Energy)

Executive Summary:

The Inland Empire Utilities Agency (IEUA) monitors and compiles water use data from each of its retail agencies to track overall water demands and sources of supply. Each year, this data is compiled into an Annual Water Use Report. Data includes monthly water use by retail agency and by source of supply, a five-year history of water use, and retail agency water usage as a percentage of the total water used in the service area. Total water consumption within IEUA's service area for FY 2016/17 is 184,060 AF, a 9% increase from FY 2015/16, however 20% less water than in FY 2013/14.

IEUA's energy consumption, renewable generation performance and savings, and energy efficiency projects are reported in the Annual Energy Report. IEUA on average consumed 73,884 MWh of electricity, of which 16% was generated by its renewable sources.

IEUA working with the Regional Contract member agencies, publishes a ten year forecast on building activity which is subsequently used in budget and rate forecasts. The member agency ten year growth forecast is 55,388 equivalent dwelling units, up from 41,782.

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:

N/A

Fiscal Impact (explain if not budgeted):

N/A

Prior Board Action:

None

Environmental Determination:

Not Applicable

Business Goal:

Not Applicable

Attachments:

Attachment 1 - PowerPoint

Attachment 2 - IEUA FY 2016/17 Annual Water Use Report

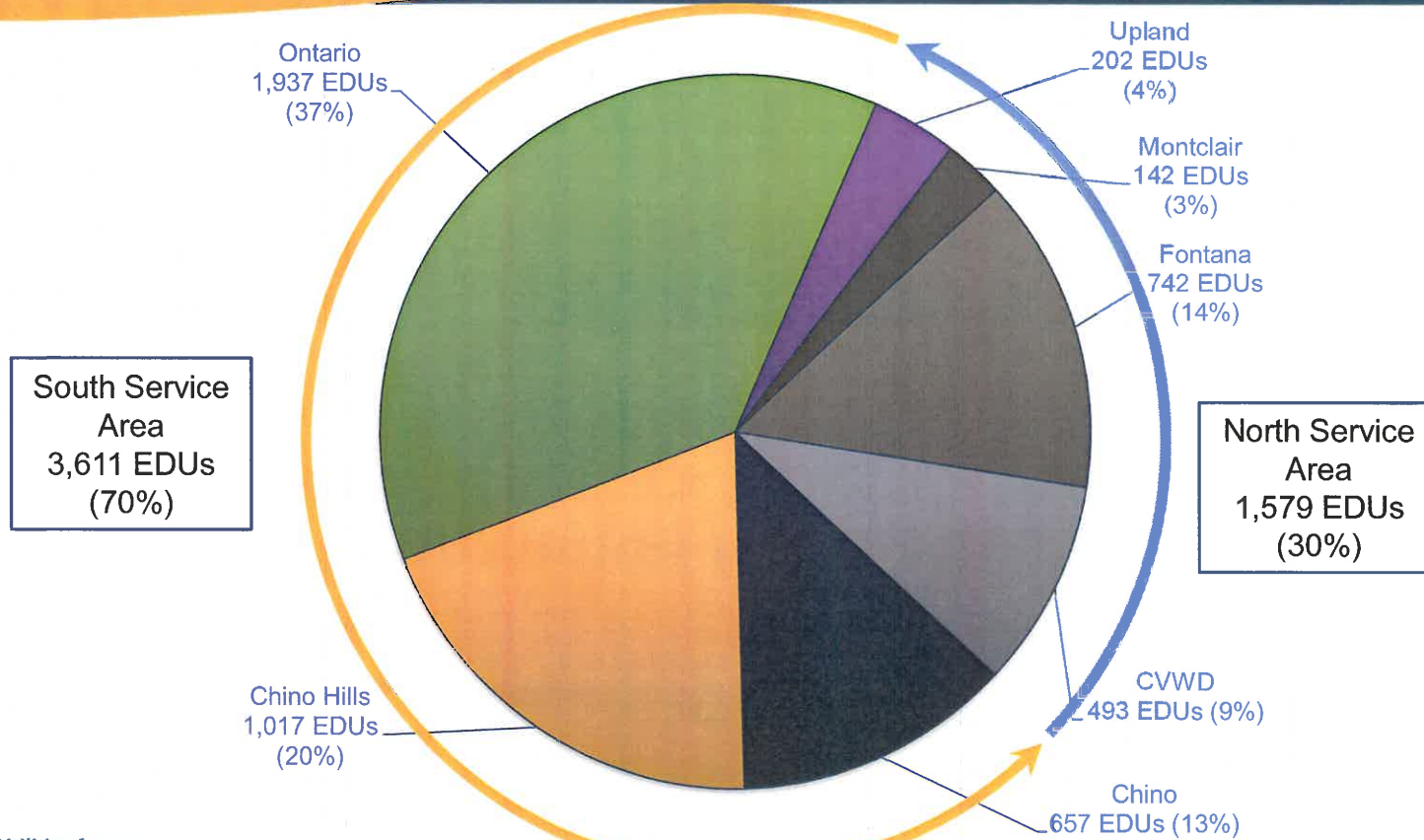
Attachment 3 - IEUA Annual Energy Report FY 2016/17

Planning & Environmental Resources Annual Reports (10-YEAR GROWTH FORECAST, WATER USE, & ENERGY)

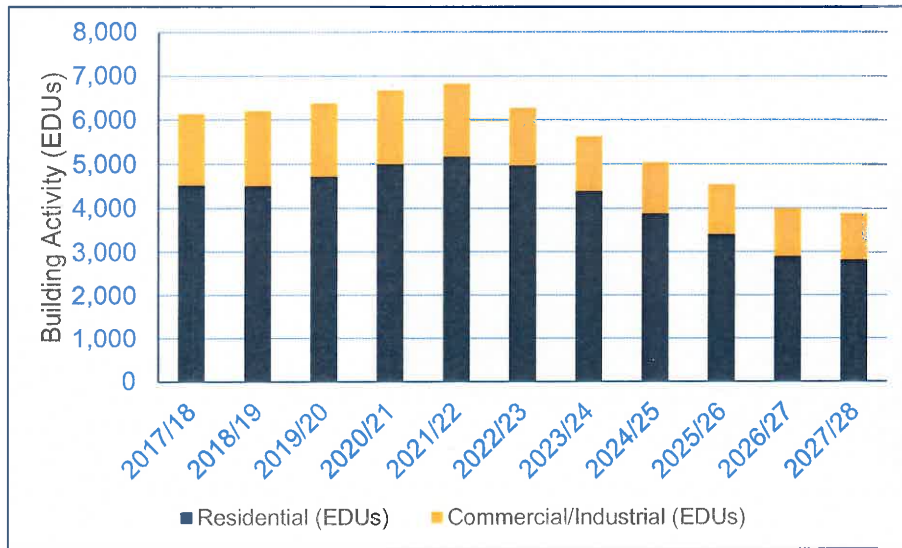


FY16/17 Building Activity

5,189 EDUs Resulted in \$29.9M in CCRA Funding

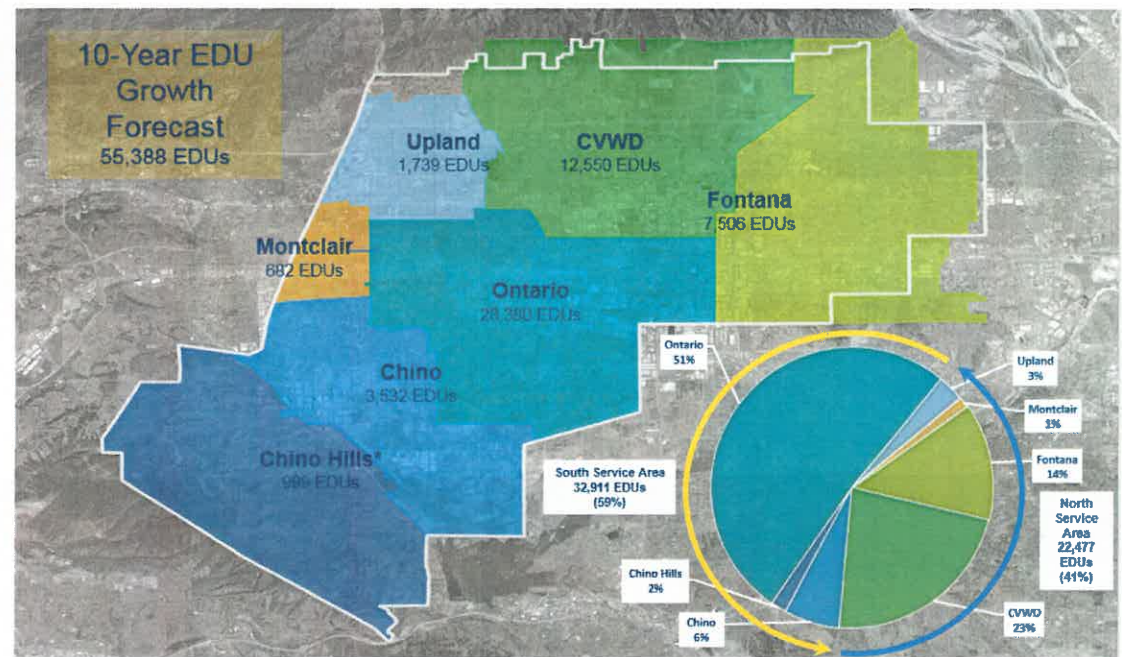


Regional Contracting Agencies EDU Projections

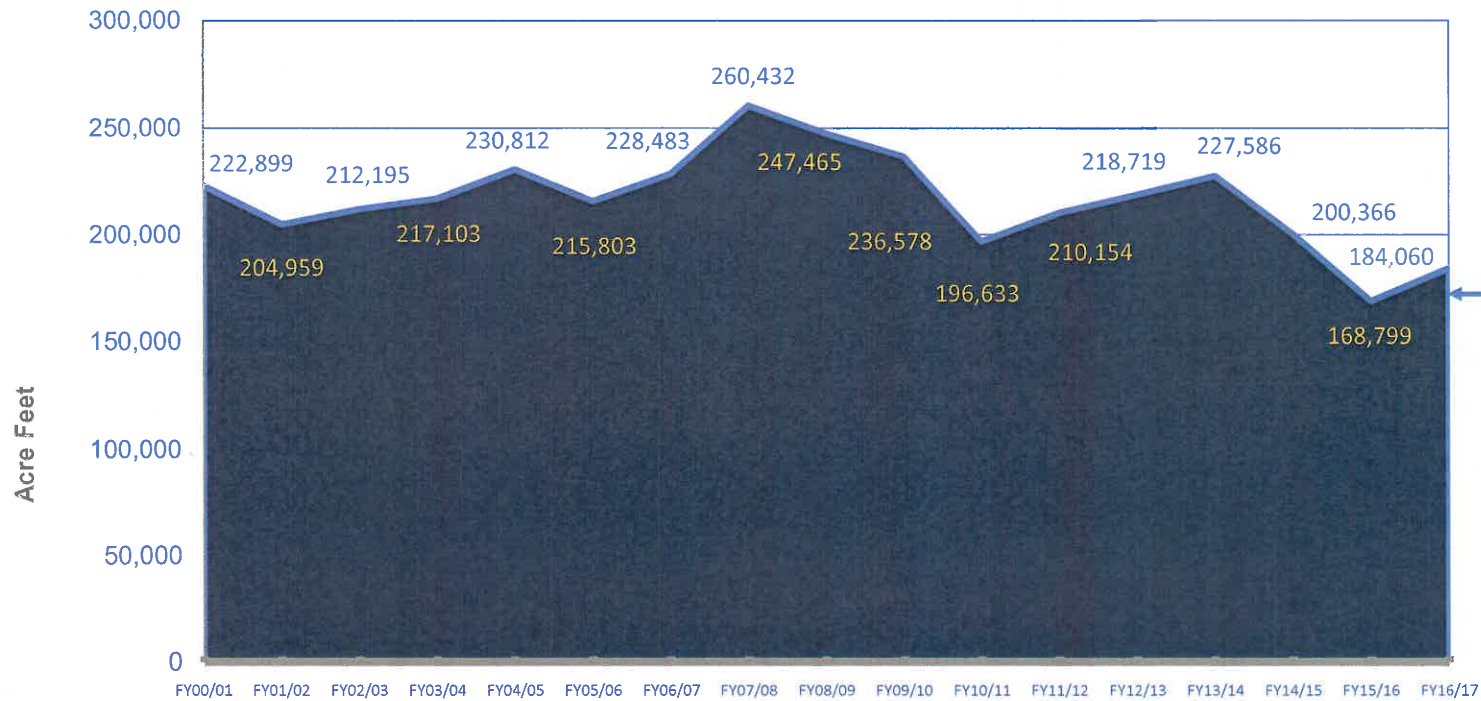


2016 Ten Year Growth Forecast: 41,782 EDU

2017 Ten Year Growth Forecast: 55,388 EDU



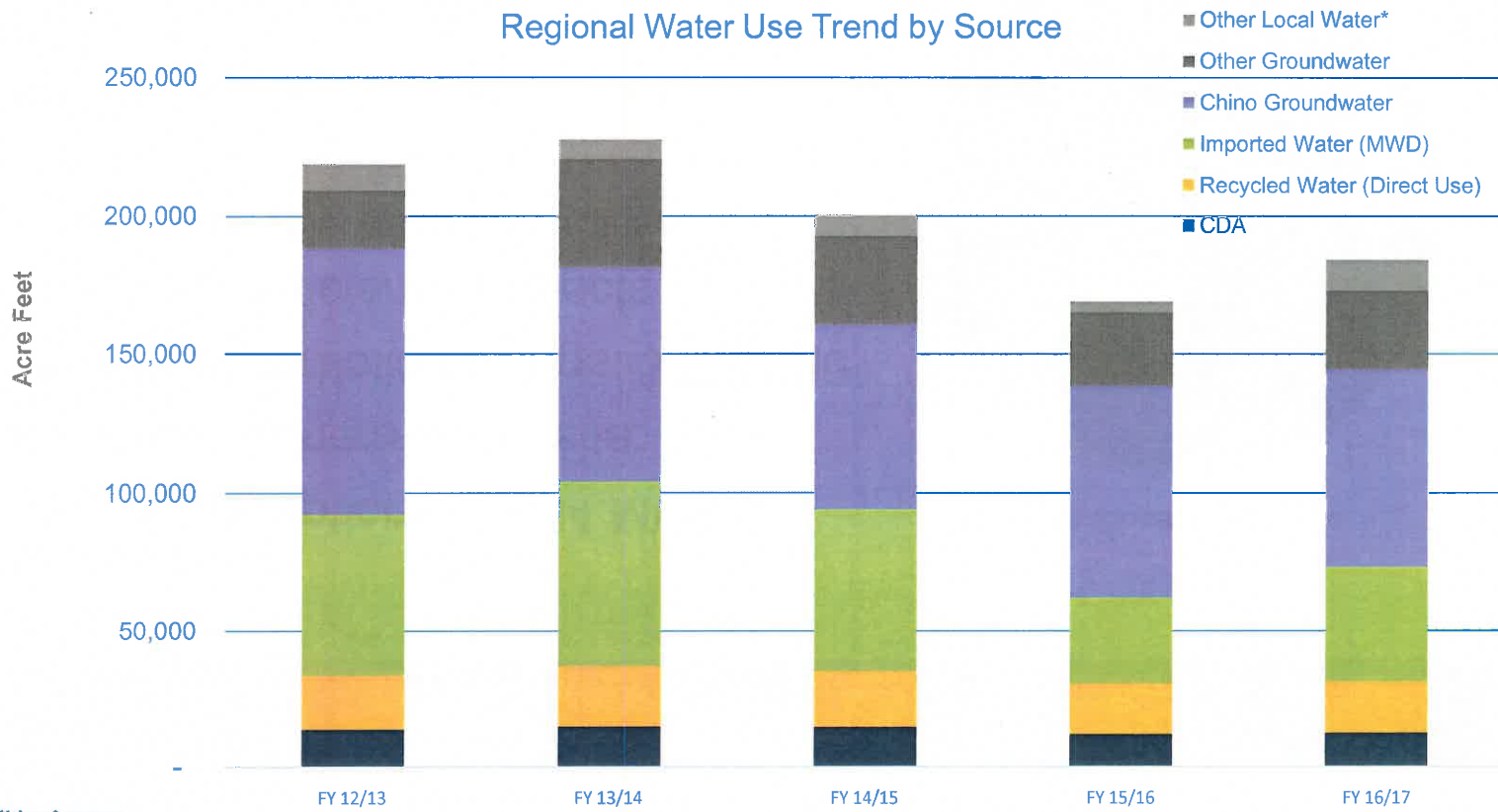
Regional Water Use Trend



- 20% reduction from FY 13/14 usage
- 9% increase from FY15/16

• Note: Total Water Use Data includes imported water, surface water, groundwater, recycled and desalter production. Excludes IEUA groundwater recharge

Regional Water Use Trend By Source



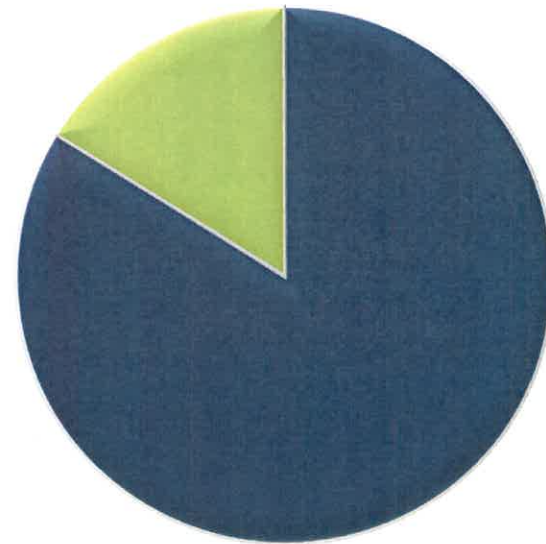
*Water purchased from other local water companies (such as SAWCo or WECWC)



Energy (FY 16/17)

- Agency wide consumption: 73,884 MWh
- Annual renewable generation onsite: 16%
- Annual renewable portfolio savings: \$370,000
- Completed energy efficiency projects
 - Lighting and pump replacements/retrofits
 - Energy savings: 1,185 MWh/year
 - Power reduction: 110 kW
 - Savings \$142,000/year

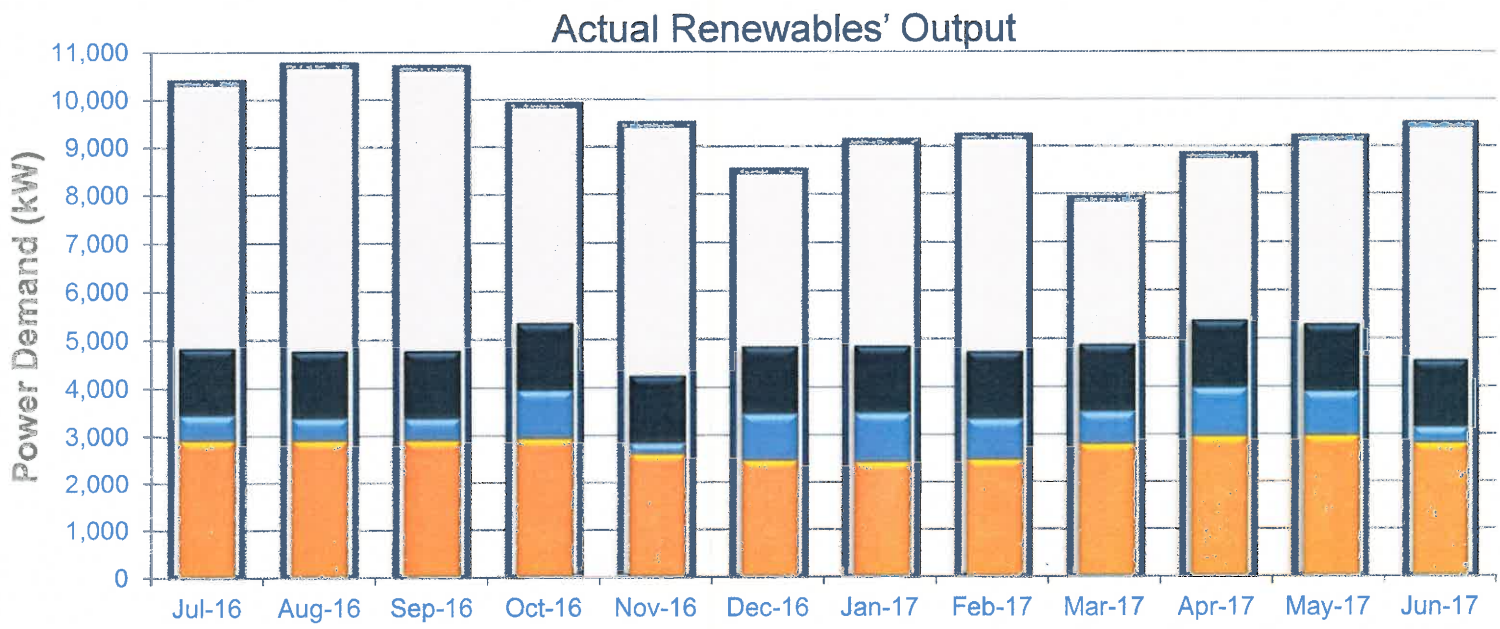
IEUA Electricity Source



■ Imported Electricity (MWh) ■ Electricity from IEUA Renewables (MWh)

Progress Towards Peak Power Independence by 2020

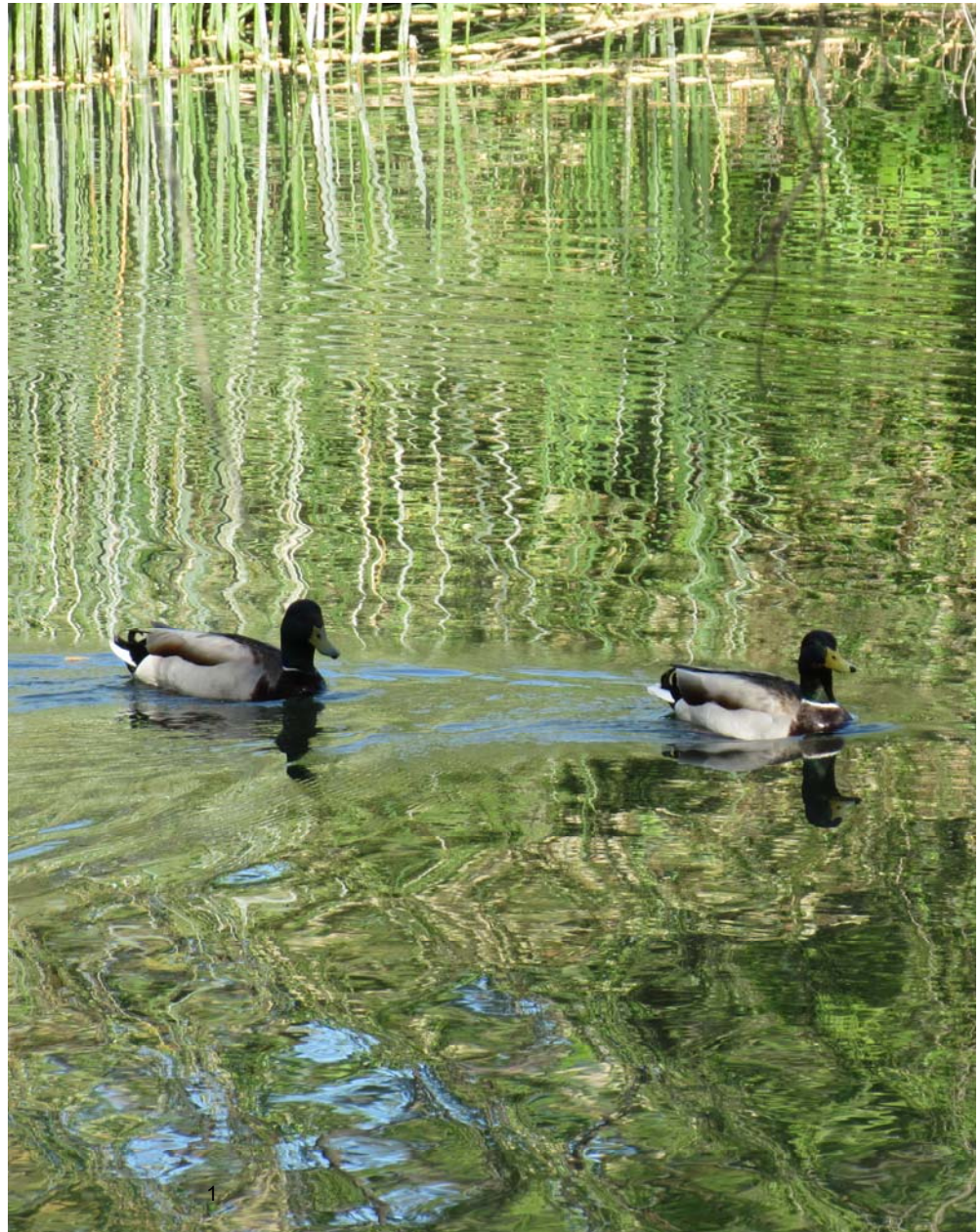
Output from renewables is approximately 50% of the summer peak demand



2017

IEUA FY 2016-2017 Annual Water Use Report:

Retail Agency Water Use and Five Year History



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

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Appendix C – Member Agency Organizational Chart	

Preface

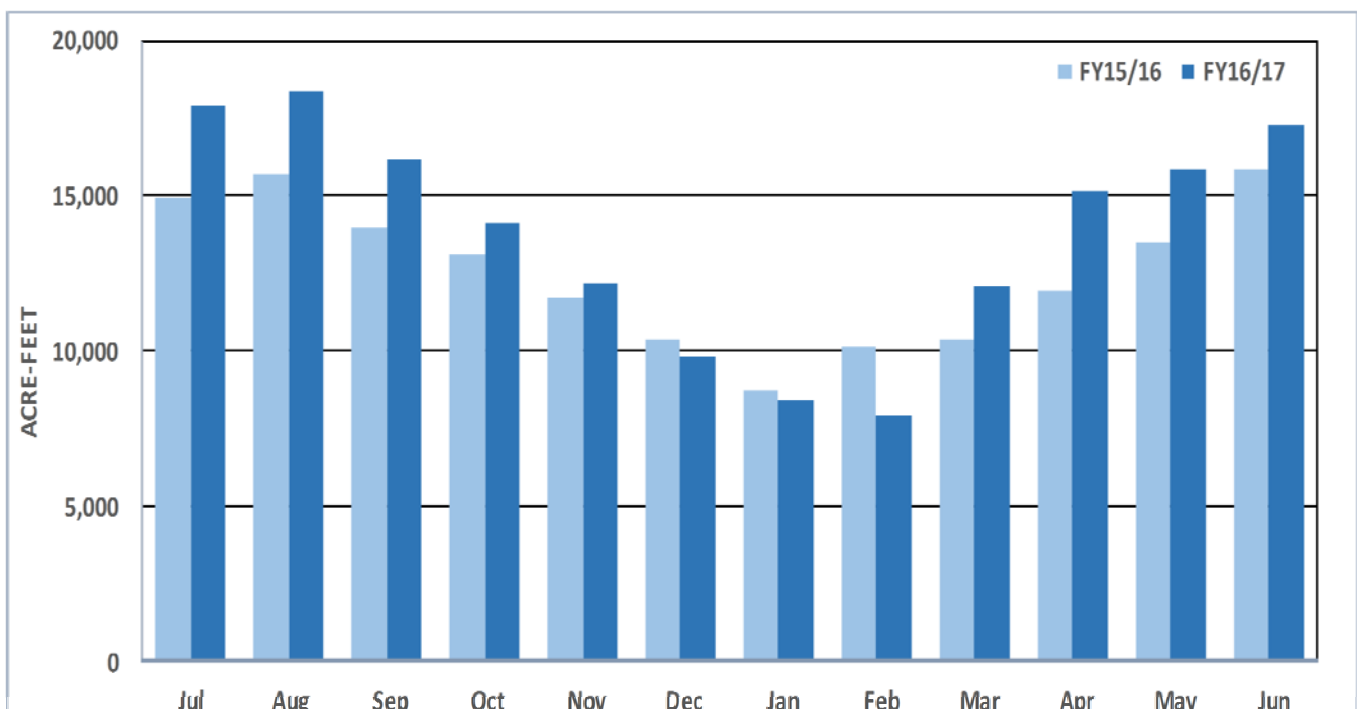
FY 2016-17 Water Use Summary Report

Inland Empire Utilities Agency (IEUA) monitors and compiles water use data from each of its retail agencies to track overall water demands and sources of supply. Each year, this data is compiled into an Annual Water Use Report. Data includes monthly water use by member agency and by source of supply, a five-year history of water use, and retail agency water usage as a percentage of the total water used in the service area.

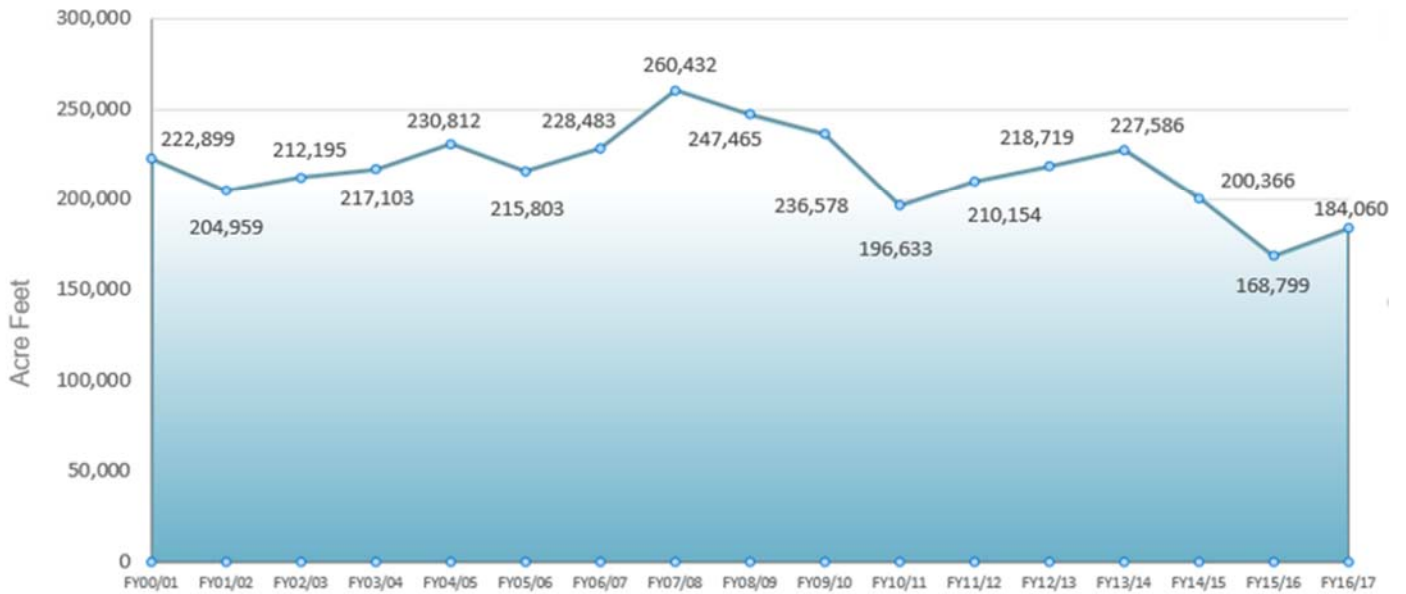
Following unprecedented water conservation and plentiful winter rain and snow, Governor Brown ended the drought state of emergency in April 2017. The drought, which lasted from winter 2012 through 2016, included the driest four-year statewide precipitation on record combined with the lowest snowpack on record in the Sierra-Cascades, and extraordinarily high temperatures (2014, 2015 and 2016 were California's first, second and third warmest year in terms of statewide average temperatures). Monthly water reporting requirements and prohibitions on wasteful practices, such as watering during or right after rainfall, that were established during the multi-year drought have continued to be in effect. Initiatives to "Make Conservation a California Way of Life" by establishing water use targets and eliminating water waste are under debate.

Total water consumption within IEUA's service area for FY 16/17 is 184,060 AF. This is a 9% increase (15,261 AF) from FY 2015/16, however the region is still using approximately 20% less water than in FY 13/14. This increase is primarily the result of a 33% increase in imported water purchases

Regional Monthly Total Water Usage FY 16/17 Comparison to FY15/16



IEUA Member Agency Overall Total Water Use Trend

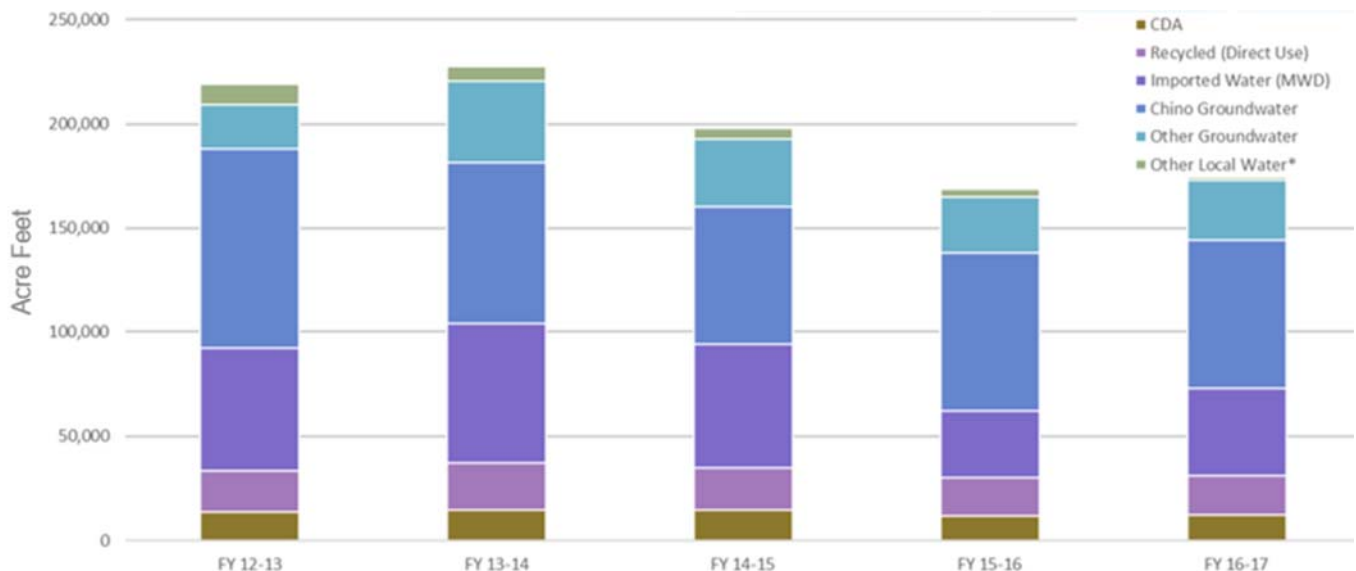


Note: Total Water Use Data includes imported water, surface water, groundwater, recycled and desalter production. Excludes IEUA groundwater recharge

as a result of the MWD Water Supply Allocation being lifted, and an increased availability of local surface water supplies due to increased rainfall. Overall imported water purchases are still 63% below purchases in FY 13/14. Groundwater extraction has remained relatively constant, with a slight (7%) reduction in extraction from the Chino Groundwater Basin.

IEUA anticipates a slight trend of increasing usage as a response to high temperatures and the end of

Regional Water Use Trend by Source



*Other Local Water includes purchases from local water companies such as SAWCo and WECWC

the drought. However, although development is anticipated to continue and growth may rebound at the end of the drought, long-term demands are not expected to greatly increase. This analysis came from demand modeling conducted as part of IEUA's 2015 Integrated Resources Plan (IRP) and Urban Water Management Plan (UWMP) which found that new developments in the region tend to be more water efficient due to changes in the plumbing code, higher density developments with less landscaping, and compliance with the existing model landscape ordinance requirements set forth in AB1881. It should also be noted that water usage has remained below projections made in the IRP and UWMP as a result of the drought.

In addition, the region is continuing to diversify and maximize local resource development, expand water use efficiency programs, and assist interested member agencies with the development of budget based rate structures. These efforts will continue to prepare the service area to cope with future dry years and increase regional resiliency in the face of climate change.

Below is a summary and update on the region's major water supply efforts and programs:

- IEUA has completed the Facilities Master Plan Final Programmatic Environmental Impact Report, which includes conceptual regional water supply projects from the IRP.
- IRP Phase II is underway and has compiled over 200 water supply projects from member agencies. These projects will be used to conduct a gap-assessment of the portfolios modeled during Phase I, and develop an implementation schedule, and financial plan. Phase II also included the development of a regional water supply schematic that may be used to identify infrastructure constraints, discuss potential improvements, and assess how programs such as water banking and SARCCUP would work.
- Construction of the Wineville Recycled Water Pipeline has been completed and begun service the city of Fontana. Total direct recycled water deliveries to member agencies have slightly increased from 18,336 AF in FY15/16 to 18,703 AF in FY16/17. Additional details about the recycled water program are available in the IEUA FY 2016-2017 Recycled Water Annual Report.
- IEUA launched a Home Pressure Regulation Program in June which will reach out to 500 residential sites and correct high pressure problems by either making adjustments or installing a new regulator. In FY16/17 the program had 141 participants.
- IEUA is continuing to work with the Agricultural Pool to identify appropriate farm sites for water efficiency upgrades. This will help maintain a sustainable Chino Basin groundwater supply.
- IEUA and its member agencies are working towards completing the Phase III expansion of the Chino Desalters. In June 2016, IEUA received \$7.2 million in support of this project. The expansion is expected to create an additional 10,6000 AF of water per year. In FY16/17 IEUA agency's share of the production was 12,292 AF.

- IEUA and its member agencies continue to implement the water use efficiency programs outlined in the 2015-2020 Regional Water Use Efficiency Business Plan completed in June 2016. This document serves as the blueprint for the Agency's existing regional programs while providing the guidance for developing new cost-effective initiatives. Future conservation targets are set to achieve 16,095 AF savings in the next 5 years, with a lifetime savings of 31,226 AF. If two member agencies implement budget based rates these savings increase to 33,554 AF by 2020 with an estimated 147,836 AF lifetime savings. The cities of Chino and Chino Hills participated in SAWPA's budget-based rate (BRR) evaluation program. Chino is moving forwards with implementing BBR in FY 18/19. City of Chino Hills is doing a partial BBR using water use and parcel data to establish an efficiency metric. CVWD is currently participating in SAWPA's BBR evaluation program.

IEUA would like to thank its member agencies for their assistance in compiling the data contained in this report.

SECTION 1

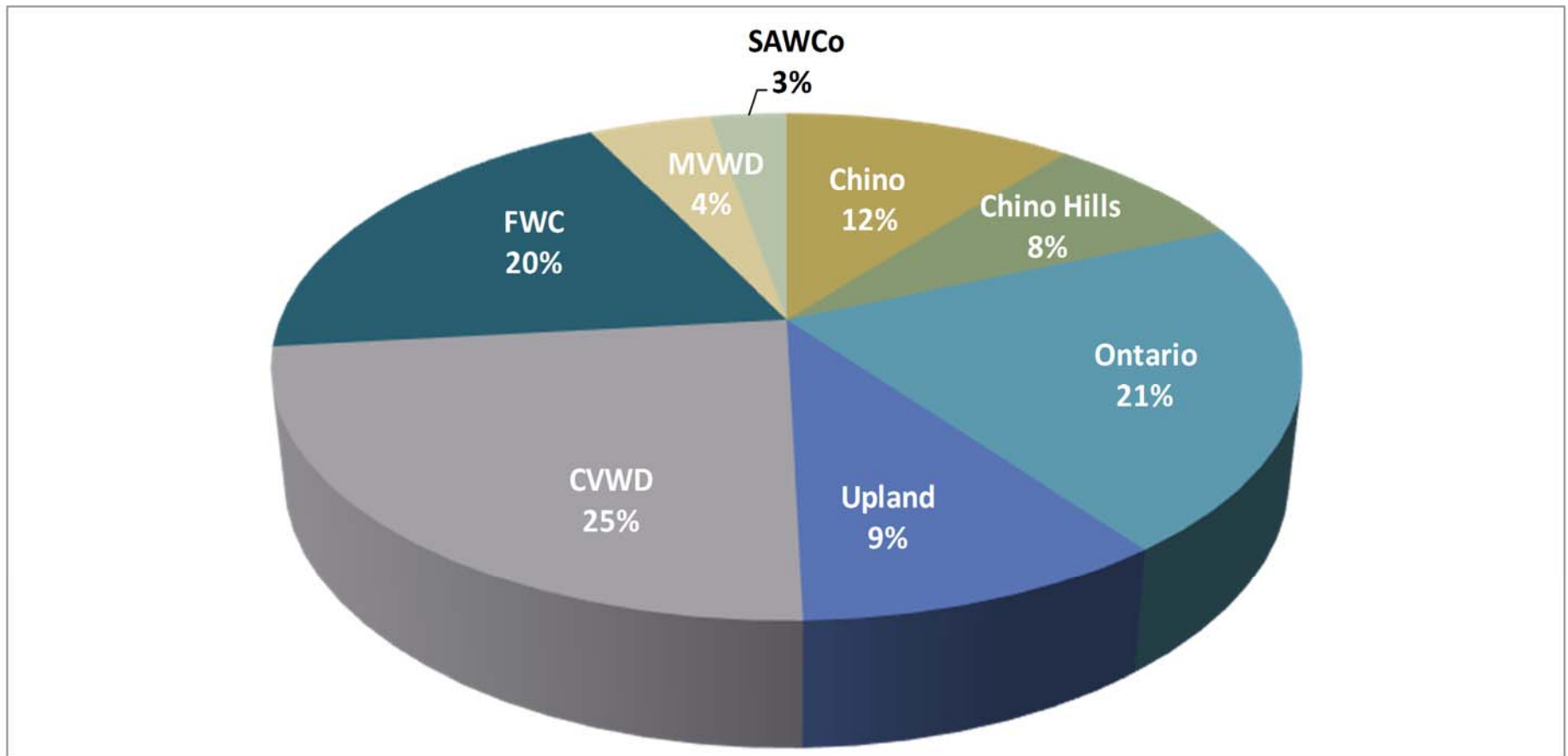
Total Water Resources Data from FY 16/17

Total IEUA Service Area Water Use For FY 16/17

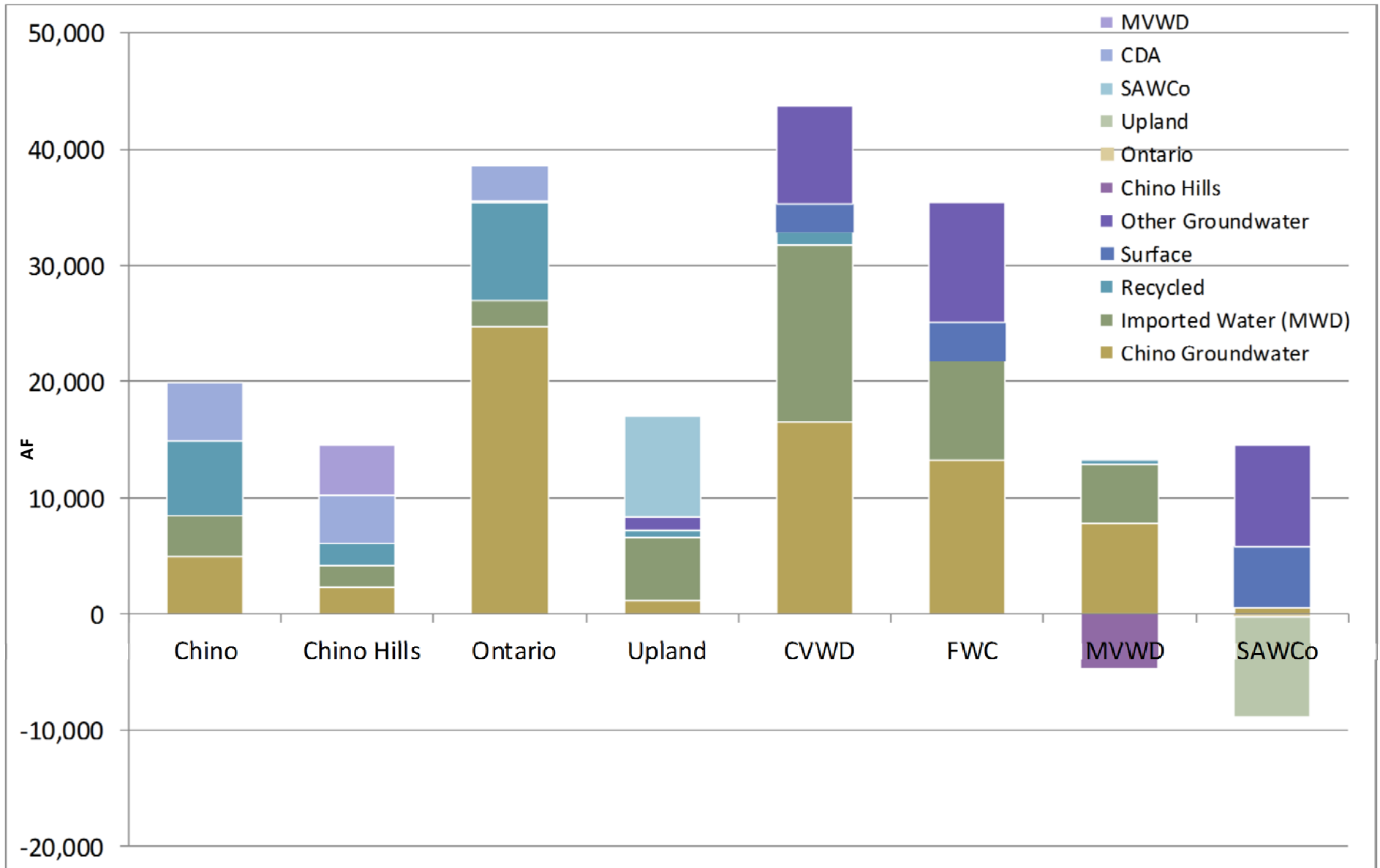
		Total IEUA Service Area Water Use by Retail Agency for FY 16-17 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	3,469	1,954	2,364	5,406	15,288	8,510	5,105	0	42,096
	Recycled (Direct Use)	6,447	1,838	8,352	652	1,056	52	306	0	18,703
Subtotal		9,916	3,792	10,716	6,058	16,344	8,562	5,411	0	60,799
Production	Chino Groundwater	4,972	2,245	24,672	1,259	16,549	13,251	7,786	537	71,272
	Other Groundwater	0	0	0	1,026	8,386	10,338	0	8,739	28,490
	Local Surface Water	0	0	0	0	2,448	3,230	0	5,282	10,960
Subtotal		4,972	2,245	24,672	2,228	27,384	26,818	7,786	14,558	110,721
Purchases from Other Agencies	CDA	5,008	4,206	3,077	0	0	0	0	0	12,292
	MVWD	0	4,237	0	0	0	0	0	0	4,237
	SAWCo Water	0	0	171	8,791	0	0	0	0	8,961
	West End	0	0	0	1,068	0	0	0	0	1,068
	CVWD	0	0	0	0	0	39	0	0	39
Subtotal		5,008	8,444	3,248	9,858	0	39	0	0	26,597
Sales to Other Agencies*	Chino Hills	0	0	0	0	0	0	-4,818	0	-4,818
	Ontario	0	0	0	0	0	0	0	-171	-171
	Upland	0	0	0	0	0	0	0	-8,791	-8,791
	MVWD	0	0	0	0	0	0	0	-278	-278
Subtotal		0	0	0	0	0	0	-4,818	-9,240	-14,058
Total		19,896	14,481	38,636	18,203	43,728	35,419	8,379	5,318	184,060

Note: All recycled water numbers in this report are based off IEUA operations data and are for direct use only. Recycled water used for groundwater recharge may be found in the Recycled Water Report.

Total IEUA Service Area Water Use For FY 16/17



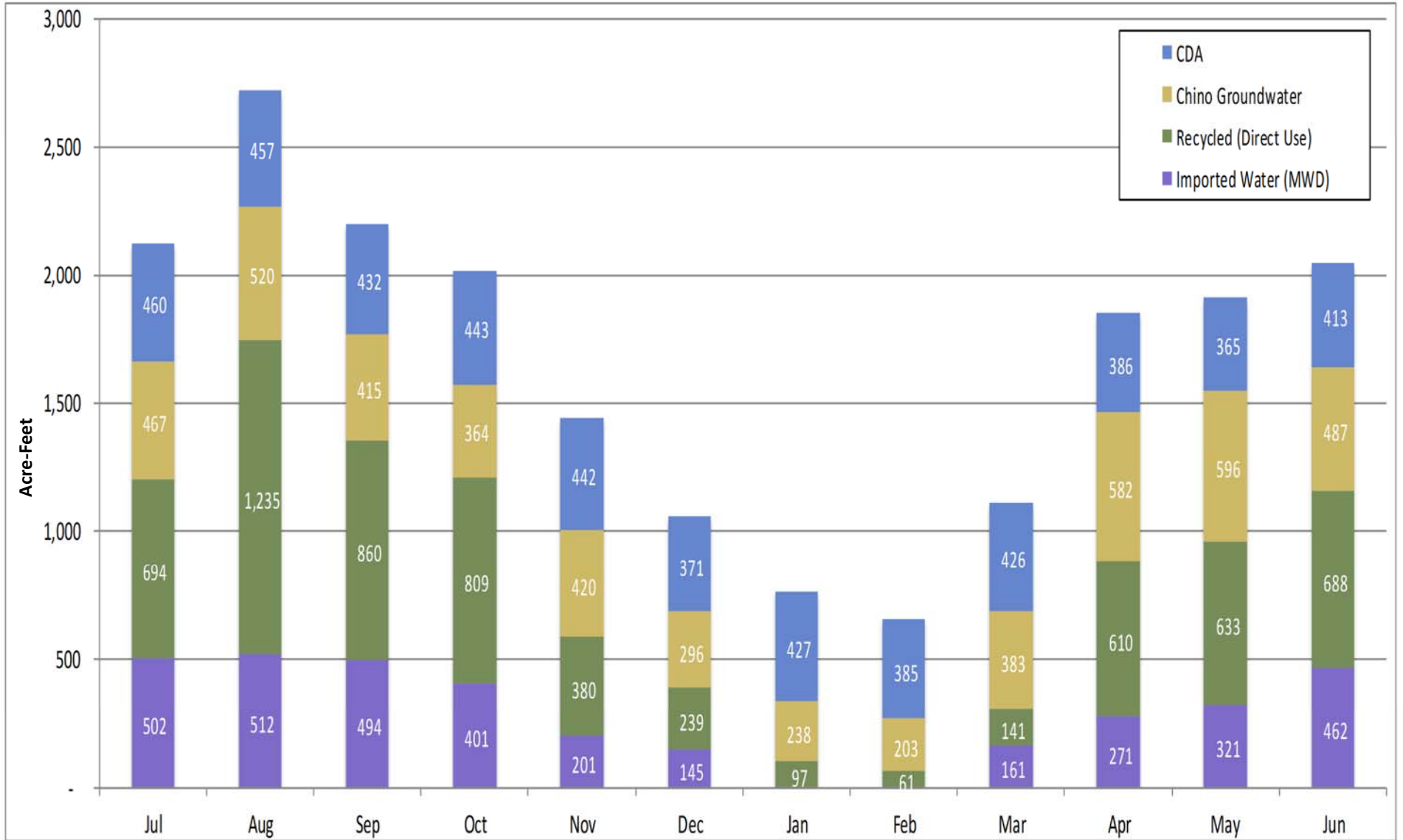
Total IEUA Service Area Water Use For FY 16/17



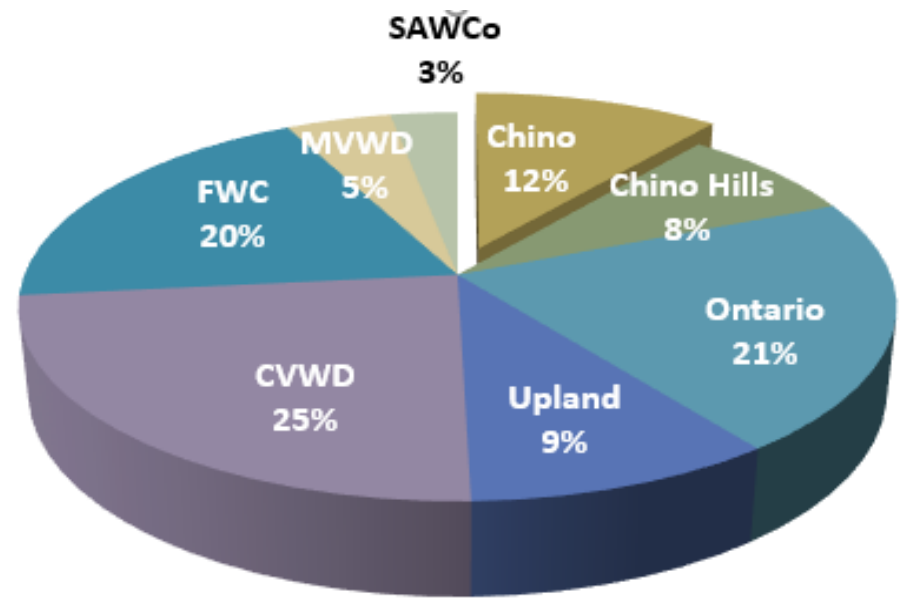
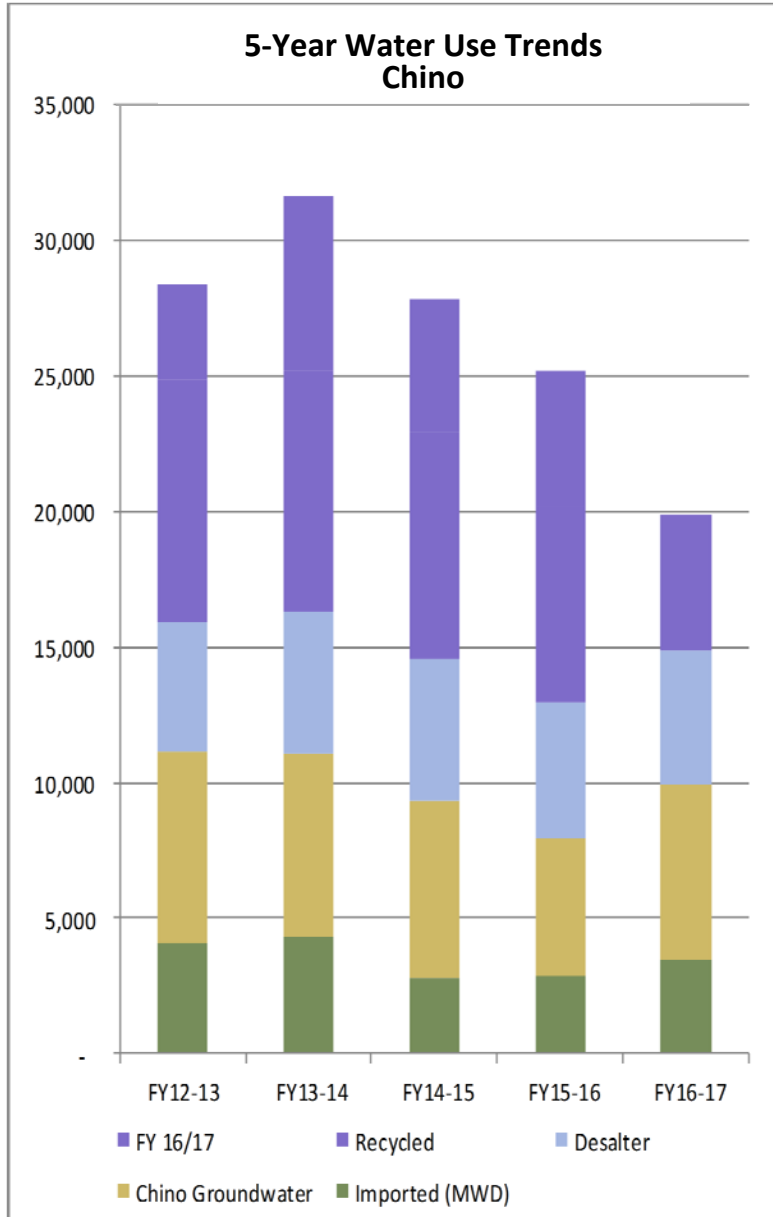
SECTION 2

Retail Water Use Data from FY 16/17 by Agency

City of Chino FY 2016/17 Monthly Water Usage



City of Chino FY 2016/17 Water Use Report



In FY 2016/17, The City of Chino used 12% (19,896 AF) of 184,060 AF used in the IEUA service area.

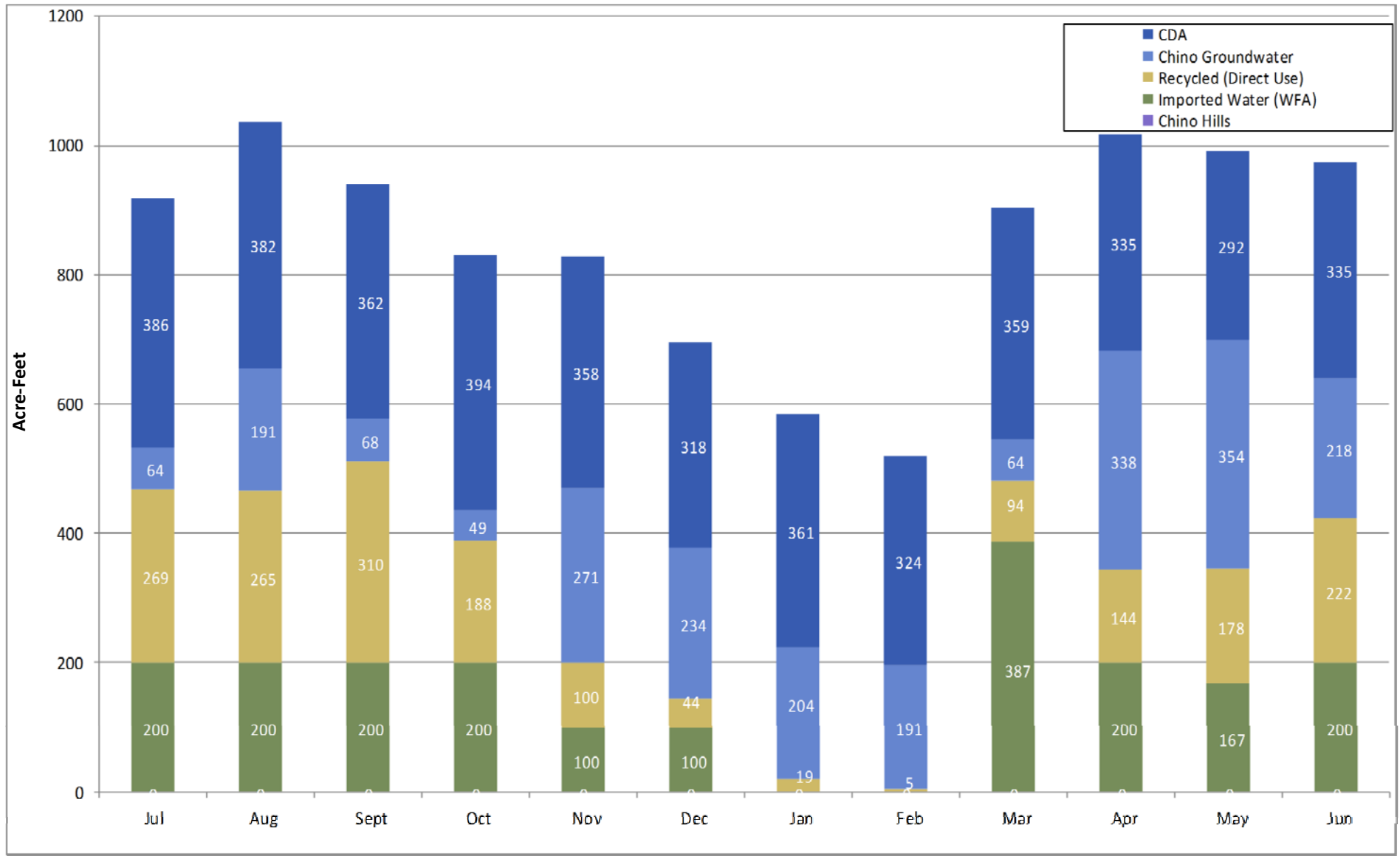
City of Chino

FY 2016/17 Monthly Water Usage

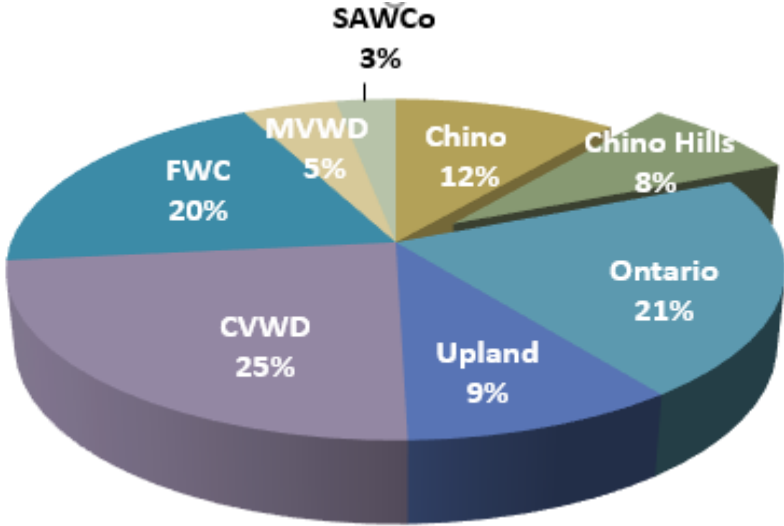
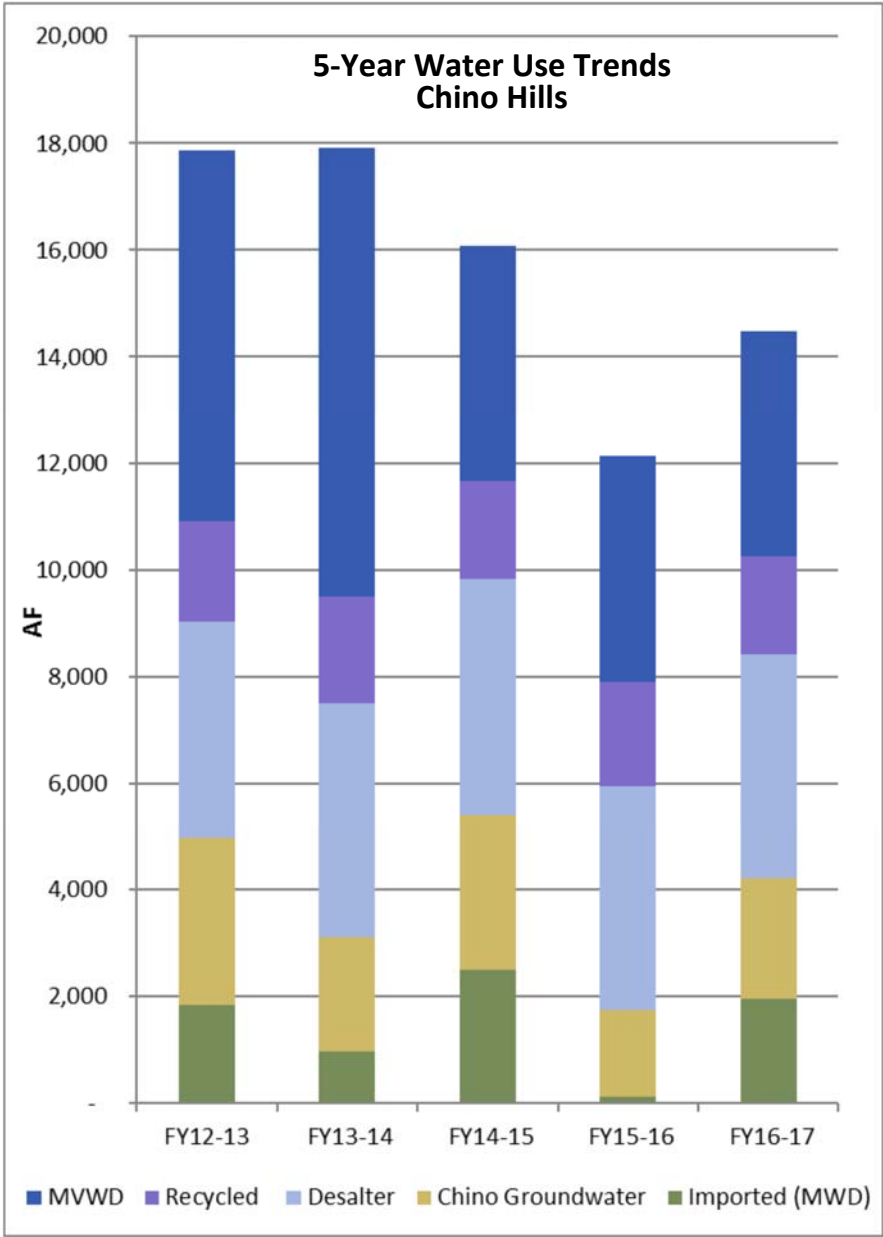
		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										Chino		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	502	512	494	401	201	145	-	-	161	271	321	462	3,469
	Recycled (Direct Use)	694	1,235	860	809	380	239	97	61	141	610	633	688	6,447
Subtotal		1,196	1,747	1,354	1,210	581	384	97	61	302	881	954	1,150	9,916
Production	Chino Groundwater	467	520	415	364	420	296	238	203	383	582	596	487	4,972
Subtotal		467	520	415	364	420	296	238	203	383	582	596	487	4,972
Agencies	CDA	460	457	432	443	442	371	427	385	426	386	365	413	5,008
Subtotal		460	457	432	443	442	371	427	385	426	386	365	413	5,008
Total		2,123	2,725	2,202	2,017	1,442	1,051	762	649	1,111	1,849	1,915	2,049	19,896

City of Chino Hills

FY 2016/17 Monthly Water Usage



City of Chino Hills FY 2016/17 Water Use Report

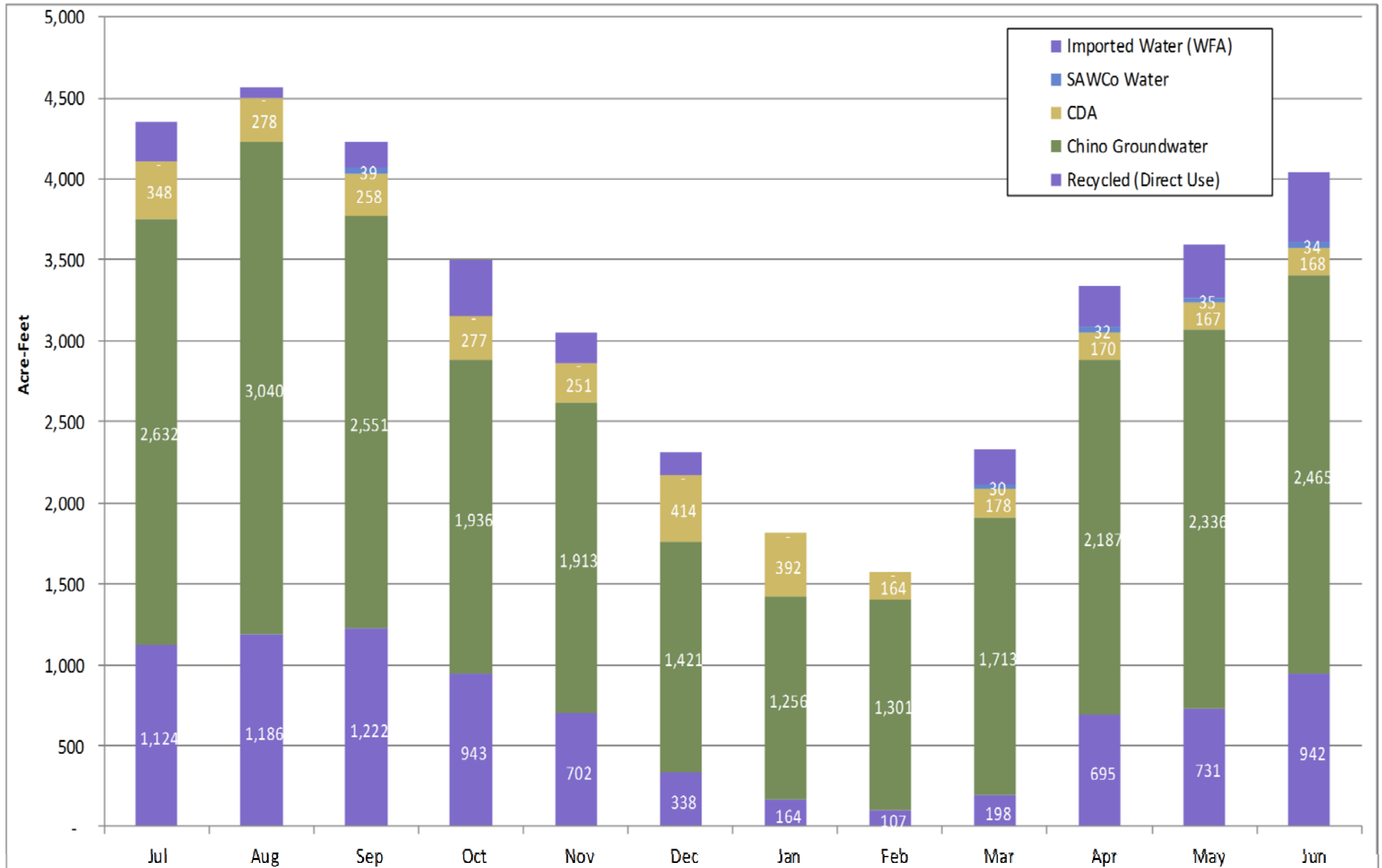


In FY 2016/17, The City of Chino Hills used 8% (14,481 AF) of 184,060 AF used in the IEUA service area.

City of Chino Hills FY 2016/17 Monthly Water Usage

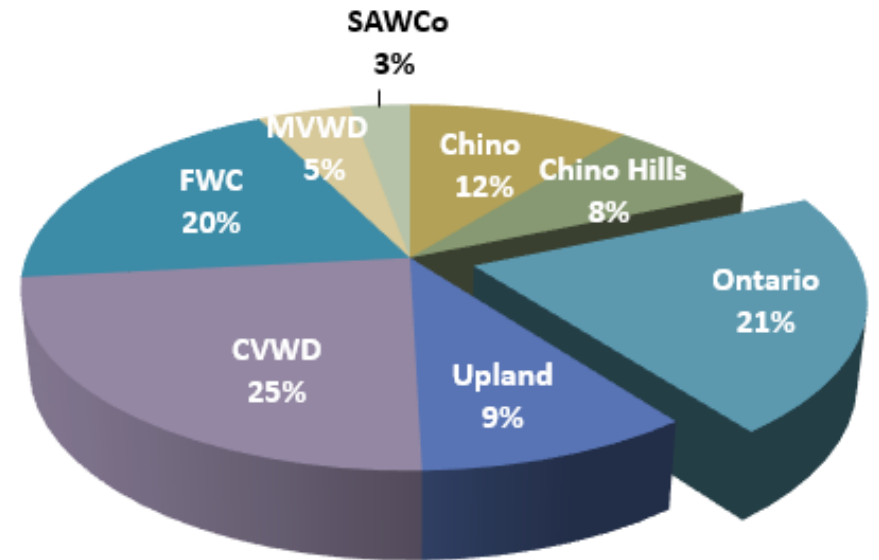
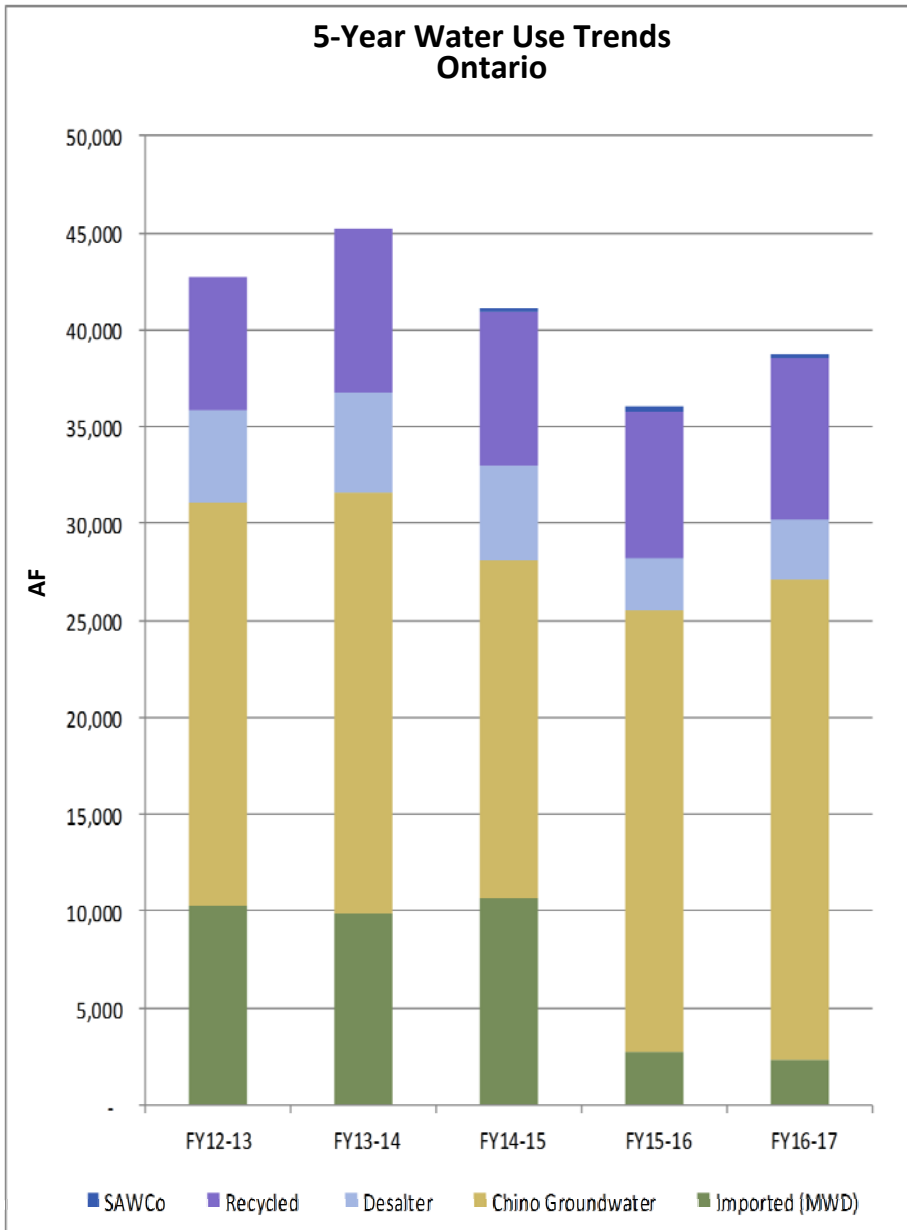
		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										Chino Hills		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	200	200	200	200	100	100	-	-	387	200	167	200	1,954
	Recycled (Direct Use)	269	265	310	188	100	44	19	5	94	144	178	222	1,838
Subtotal		469	465	510	388	200	144	19	5	481	344	345	422	3,792
Production	Chino Groundwater	64	191	68	49	271	234	204	191	64	338	354	218	2,245
Subtotal		64	191	68	49	271	234	204	191	64	338	354	218	7,786
Purchases from other agencies	CDA	386	382	362	394	358	318	361	324	359	335	292	335	4,206
	MVWD	772	720	718	490	259	60	-	-	38	232	397	552	4,237
Subtotal		1,157	1,102	1,080	884	617	378	361	324	397	567	689	887	8,444
Total		1,690	1,758	1,658	1,320	1,088	756	585	520	942	1,249	1,388	1,527	14,481

City of Ontario FY 2016/17 Monthly Water Usage



City of Ontario

FY 2016/17 Water Use Report

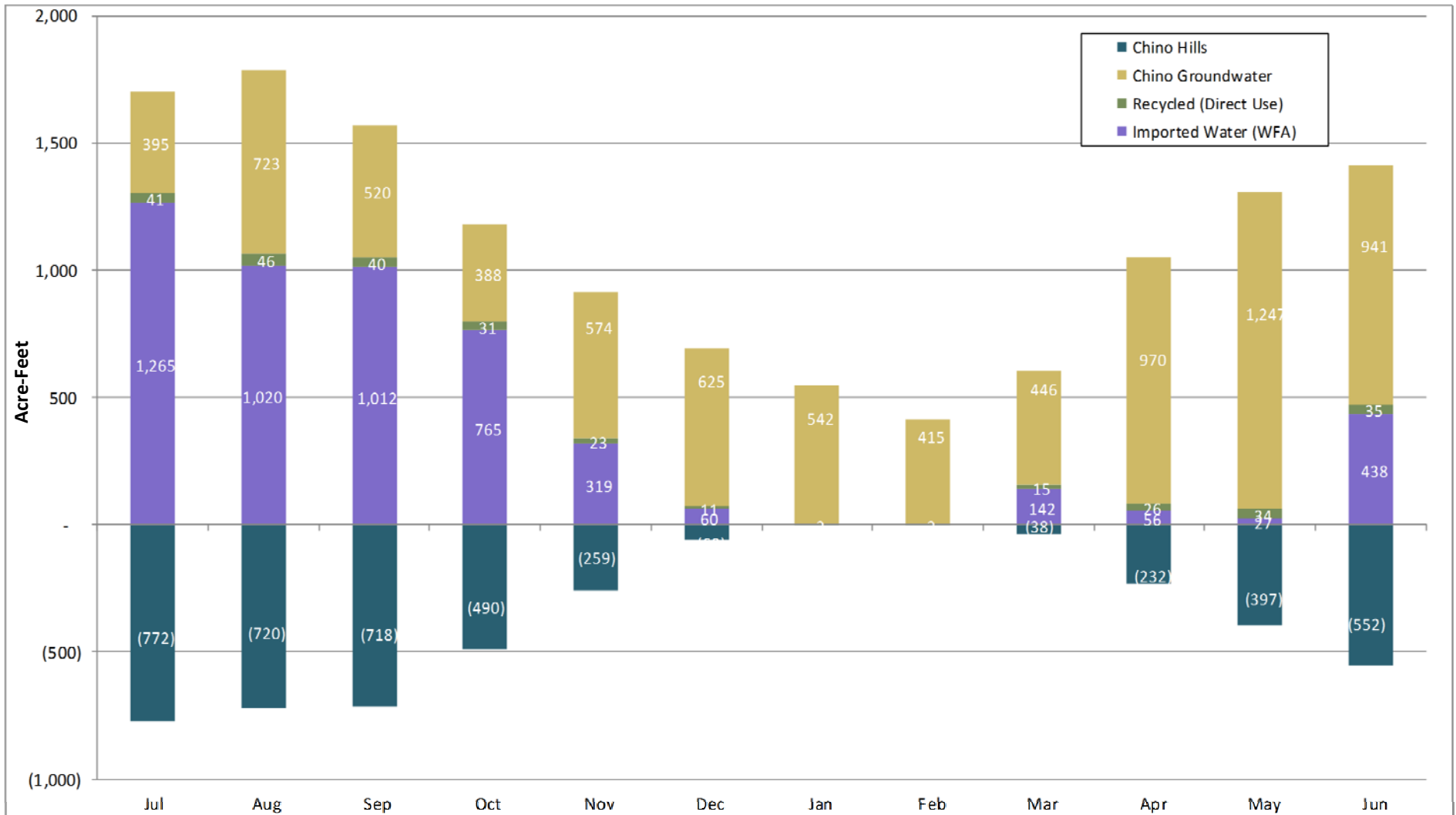


In FY 2016/17, The City of Ontario used 21% (38,636 AF) of 184,060 AF used in the IEUA service area.

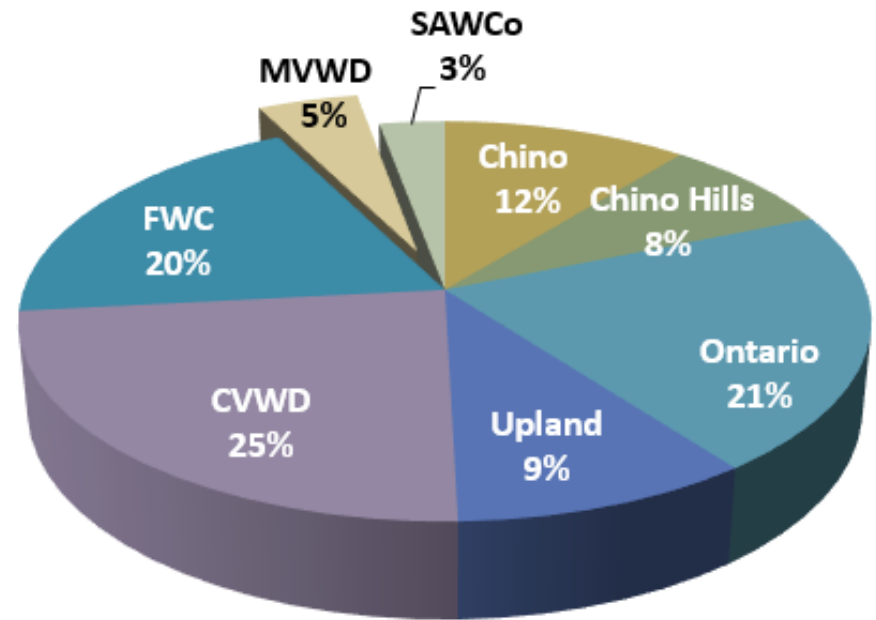
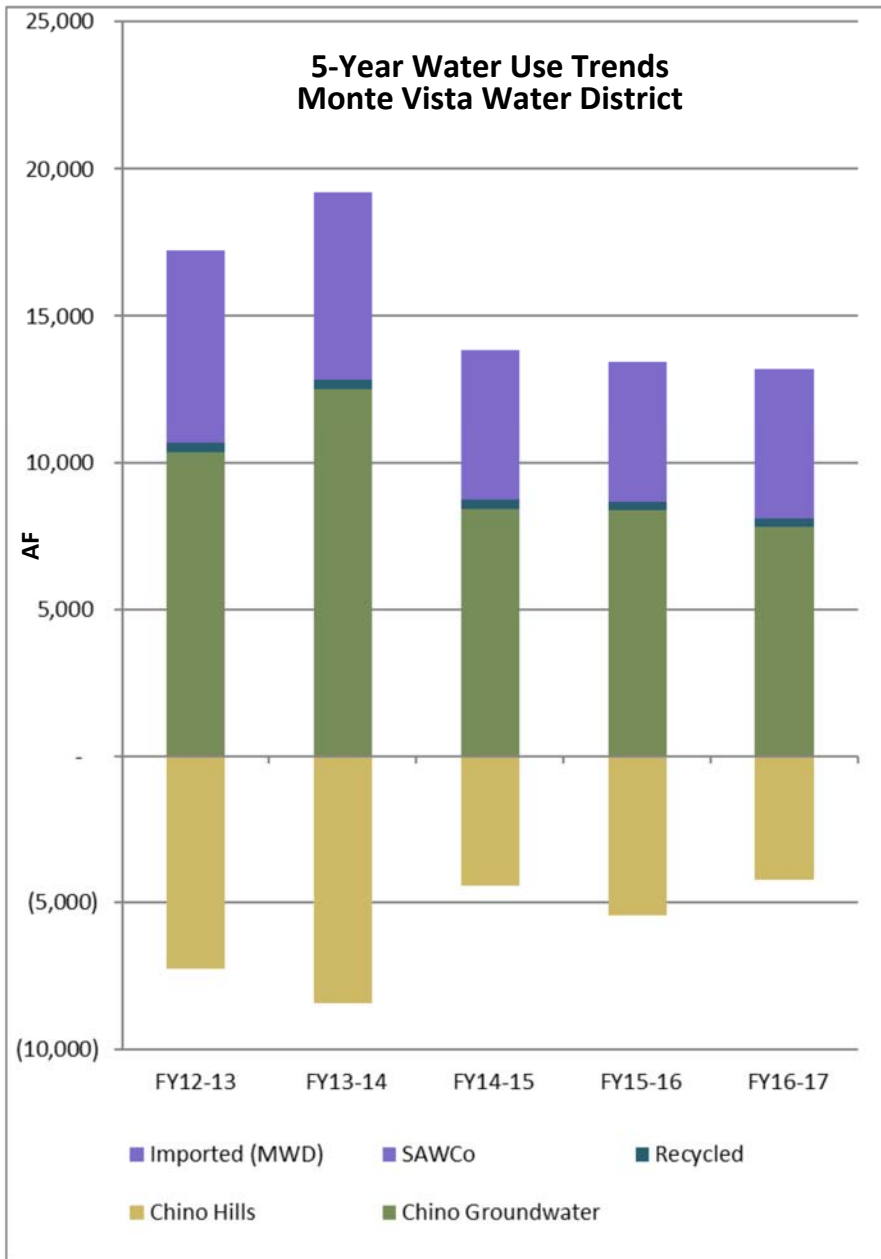
City of Ontario FY 2016/17 Monthly Water Usage

		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										Ontario		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	246	62	159	341	182	138	-	-	215	257	327	437	2,364
	Recycled (Direct Use)	1,124	1,186	1,222	943	702	338	164	107	198	695	731	942	8,352
Subtotal		1,370	1,248	1,381	1,284	884	476	164	107	413	952	1,058	1,379	10,716
Production	Chino Groundwater	2,632	2,950	2,551	1,936	1,913	1,421	1,264	1,301	1,713	2,190	2,336	2,465	24,672
Subtotal		2,632	2,950	2,551	1,936	1,913	1,421	1,264	1,301	1,713	2,190	2,336	2,465	24,672
Purchases from other agencies	CDA	348	289	258	277	251	414	392	164	178	170	167	168	3,077
	SAWCo Water	-	-	39	-	-	-	-	-	30	32	35	34	171
Subtotal		348	289	298	277	251	414	392	164	208	202	202	202	3,248
Total		4,350	4,487	4,230	3,497	3,049	2,311	1,820	1,572	2,333	3,345	3,597	4,046	38,636

Monte Vista Water District FY 2016/17 Monthly Water Usage



Monte Vista Water District

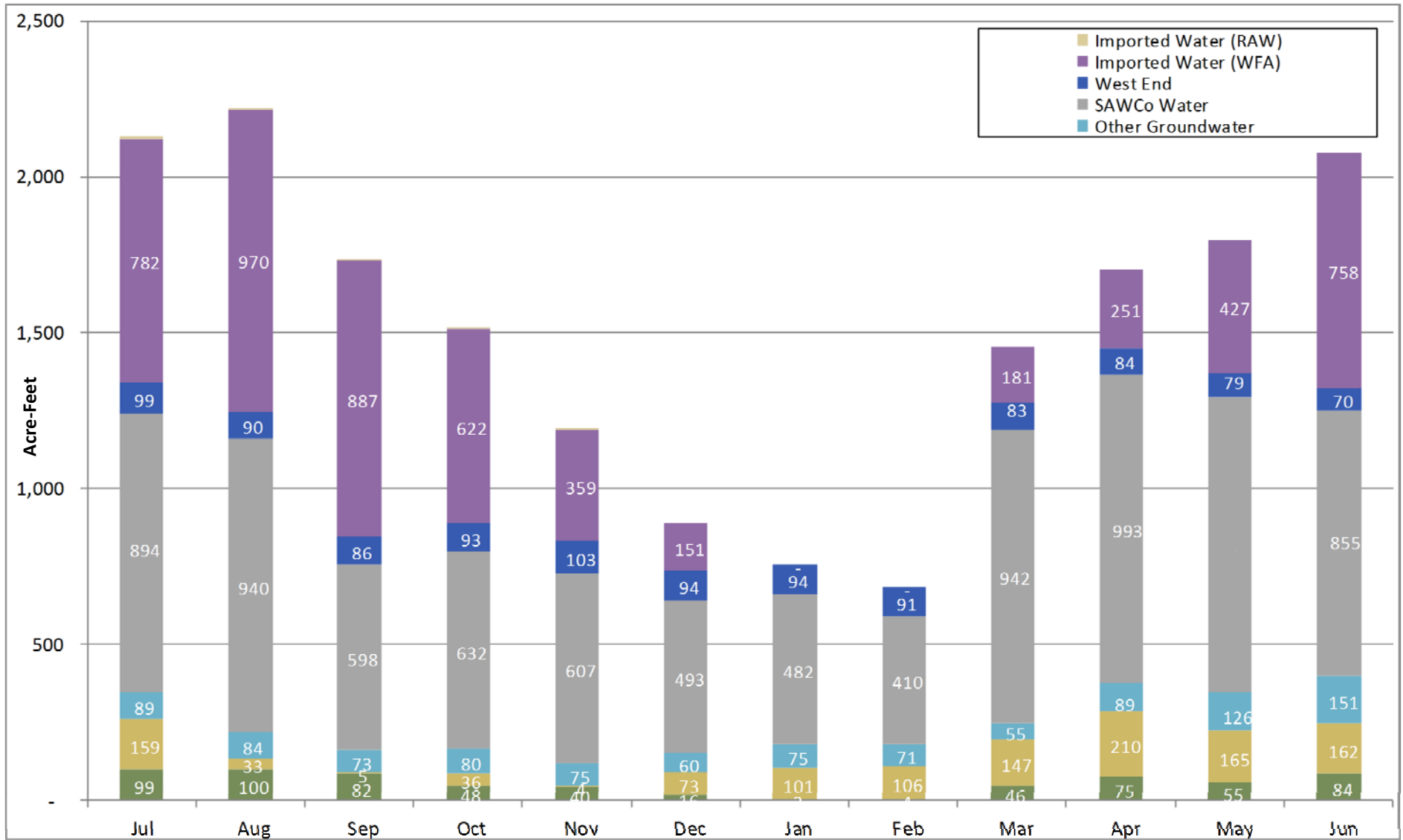


In FY 2016/17, Monte Vista Water District used 5% (8,379 AF) of 184,060 AF used in the IEUA service area.

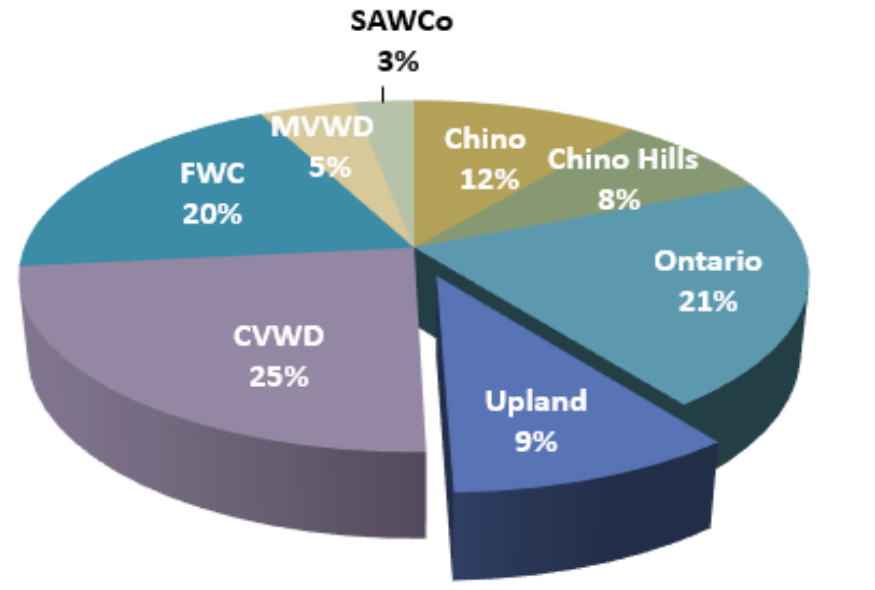
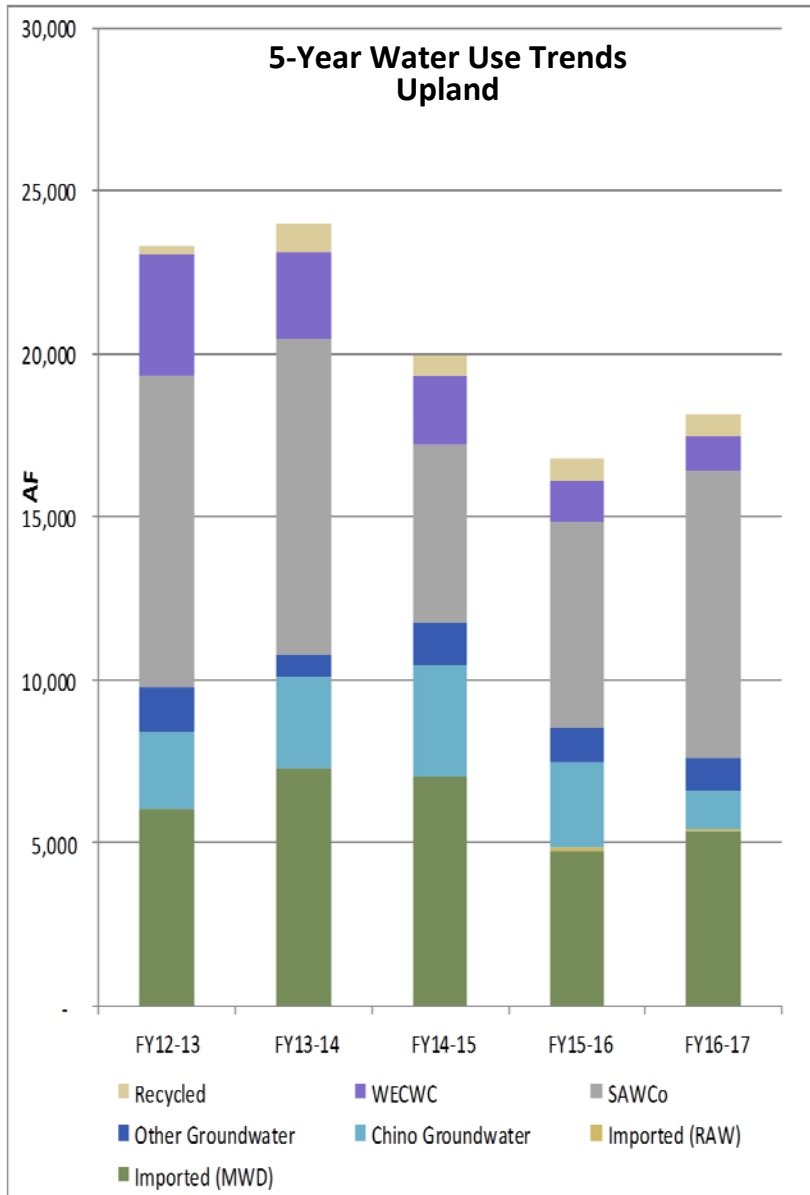
Monte Vista Water District FY 2016/17 Monthly Water Usage

		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										MVWD		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	1,265	1,020	1,012	765	319	60	-	-	142	56	27	438	5,105
	Recycled (Direct Use)	41	46	40	31	23	11	2	2	15	26	34	35	306
Subtotal		1,306	1,066	1,052	796	342	71	2	2	157	82	61	473	5,411
Production	Chino Groundwater	395	723	520	388	574	625	542	415	446	970	1,247	941	7,786
Subtotal		395	723	520	388	574	625	542	415	446	970	1,247	941	7,786
Sales to other agencies	Chino Hills	(771)	(893)	(759)	(490)	(312)	(183)	(29)	-	(41)	(320)	(481)	(539)	(4,818)
Subtotal		(771)	(893)	(759)	(490)	(312)	(183)	(29)	-	(41)	(320)	(481)	(539)	(4,818)
Total		930	896	813	694	604	512	515	417	562	733	828	874	8,379

City of Upland FY 2016/17 Monthly Water Usage



City of Upland FY 2016/17 Water Use Report

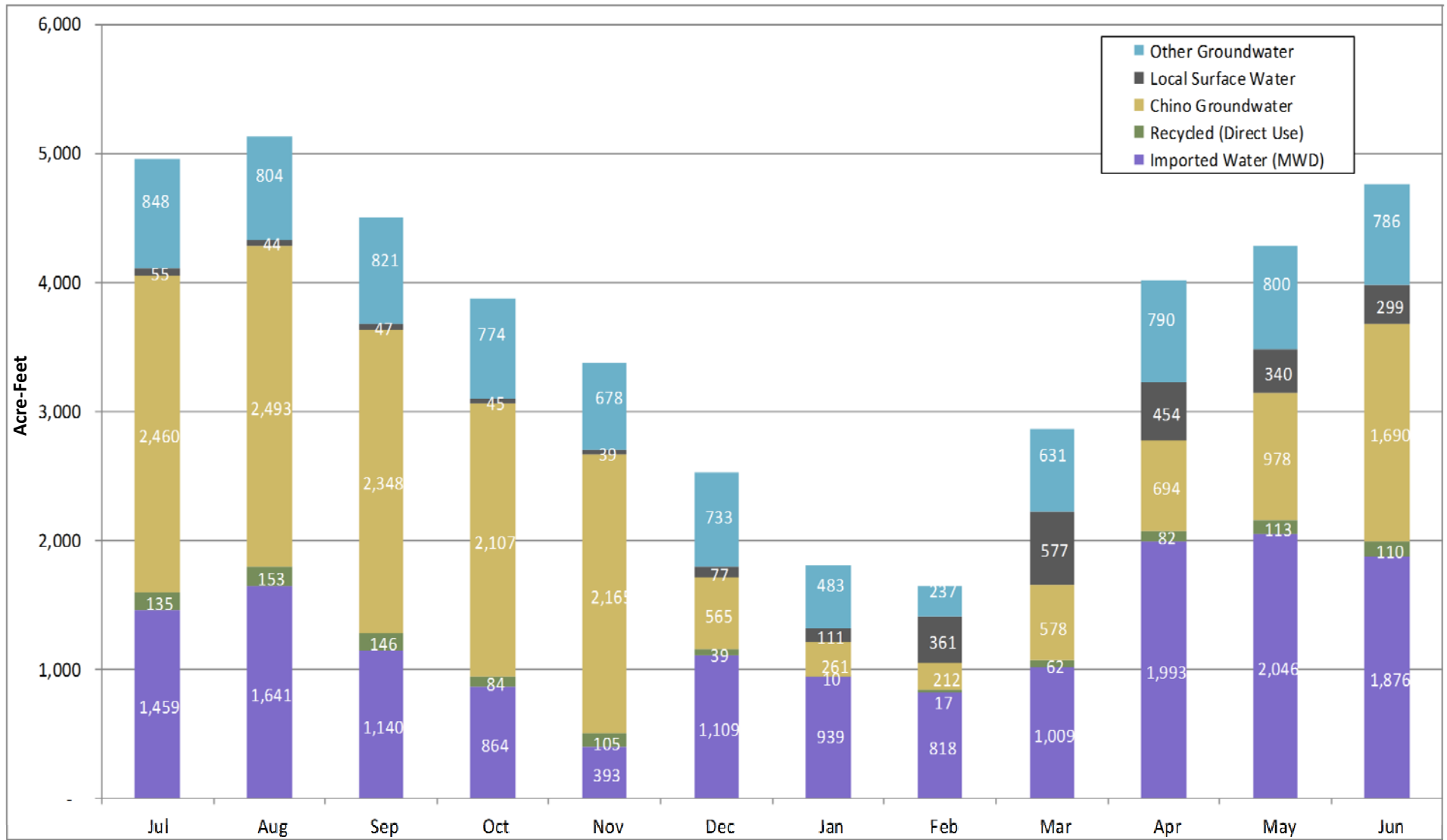


In FY 2016/17, The City of Upland used 9% (18,203 AF) of 184,060 AF used in the IEUA service area.

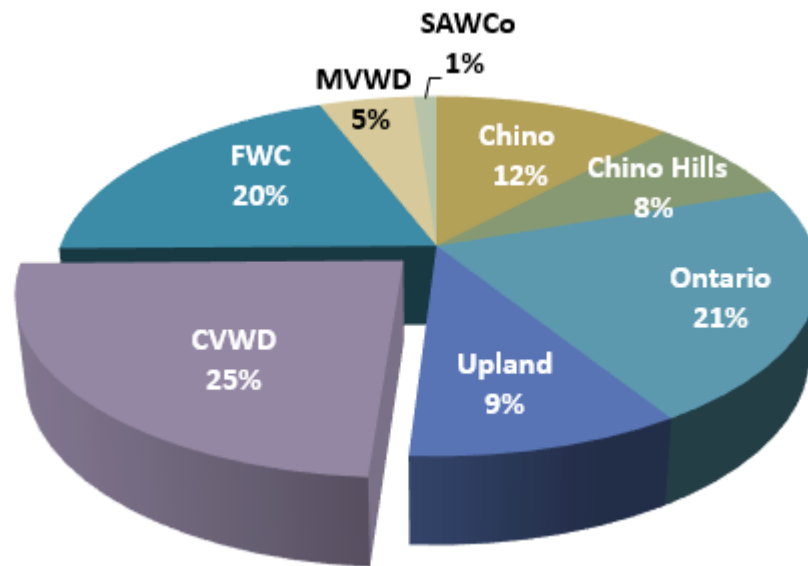
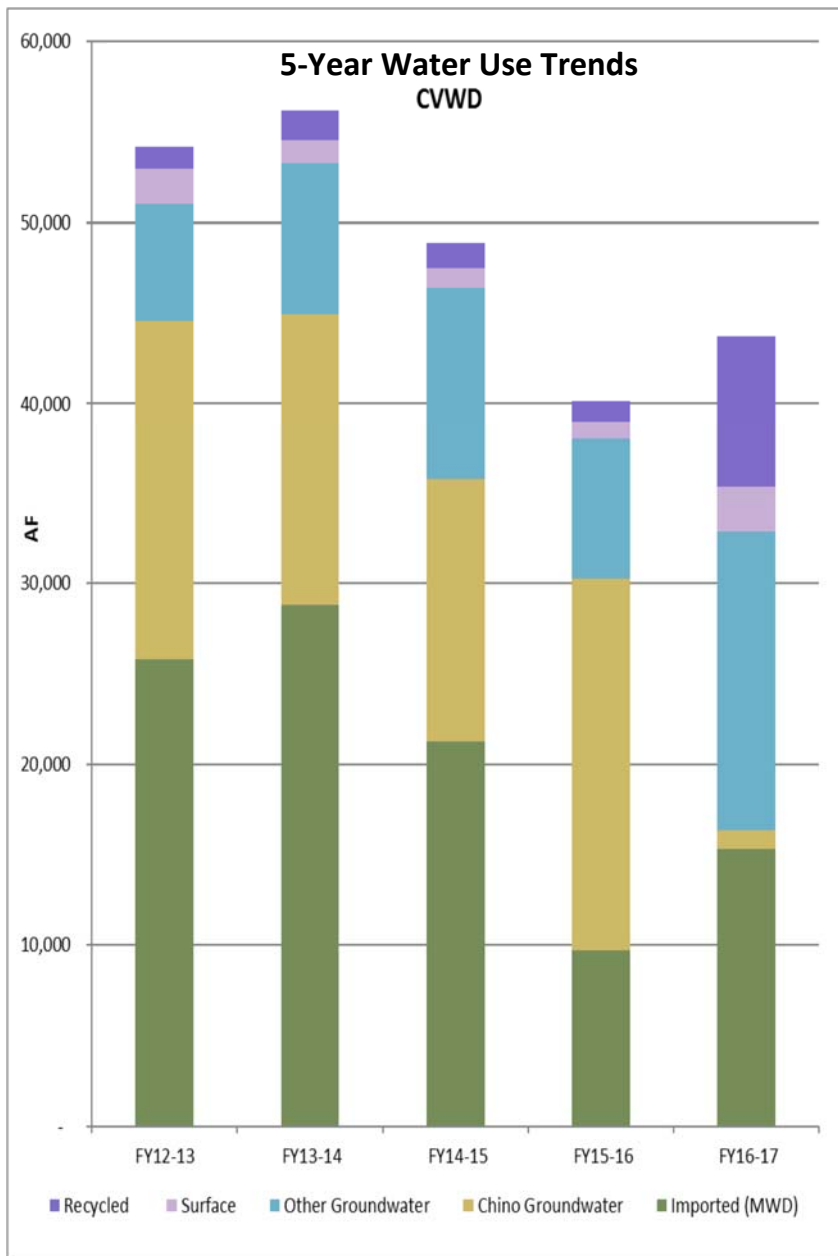
City of Upland FY 2016/17 Monthly Water Usage

		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										Upland		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	782	970	887	622	359	151	-	-	181	251	427	758	5,389
	Recycled (Direct Use)	99	100	82	48	40	16	3	4	46	75	55	84	652
	Imported Water (RAW)	11	2	1	0	4	-	-	-	-	-	-	-	18
Subtotal		891	1,072	970	670	404	167	3	4	227	326	482	842	6,058
Production	Chino Groundwater	159	33	5	36	62	73	101	106	147	210	165	162	1,260
	Other Groundwater	89	84	73	80	75	60	75	71	55	89	126	151	1,026
Subtotal		248	117	77	116	137	133	176	176	202	299	292	313	2,286
Purchases from other agencies	SAWCo Water	894	940	598	632	607	493	482	410	942	993	945	855	8,791
	West End	99	90	86	93	103	94	94	91	83	84	79	70	1,068
Subtotal		993	1,031	684	726	710	587	576	502	1,025	1,077	1,024	925	9,858
Total		2,132	2,219	1,732	1,512	1,251	887	755	682	1,455	1,702	1,797	2,080	18,203

Cucamonga Valley Water District FY 2016/17 Monthly Water Usage



Cucamonga Valley Water District FY 2016/17 Water Report

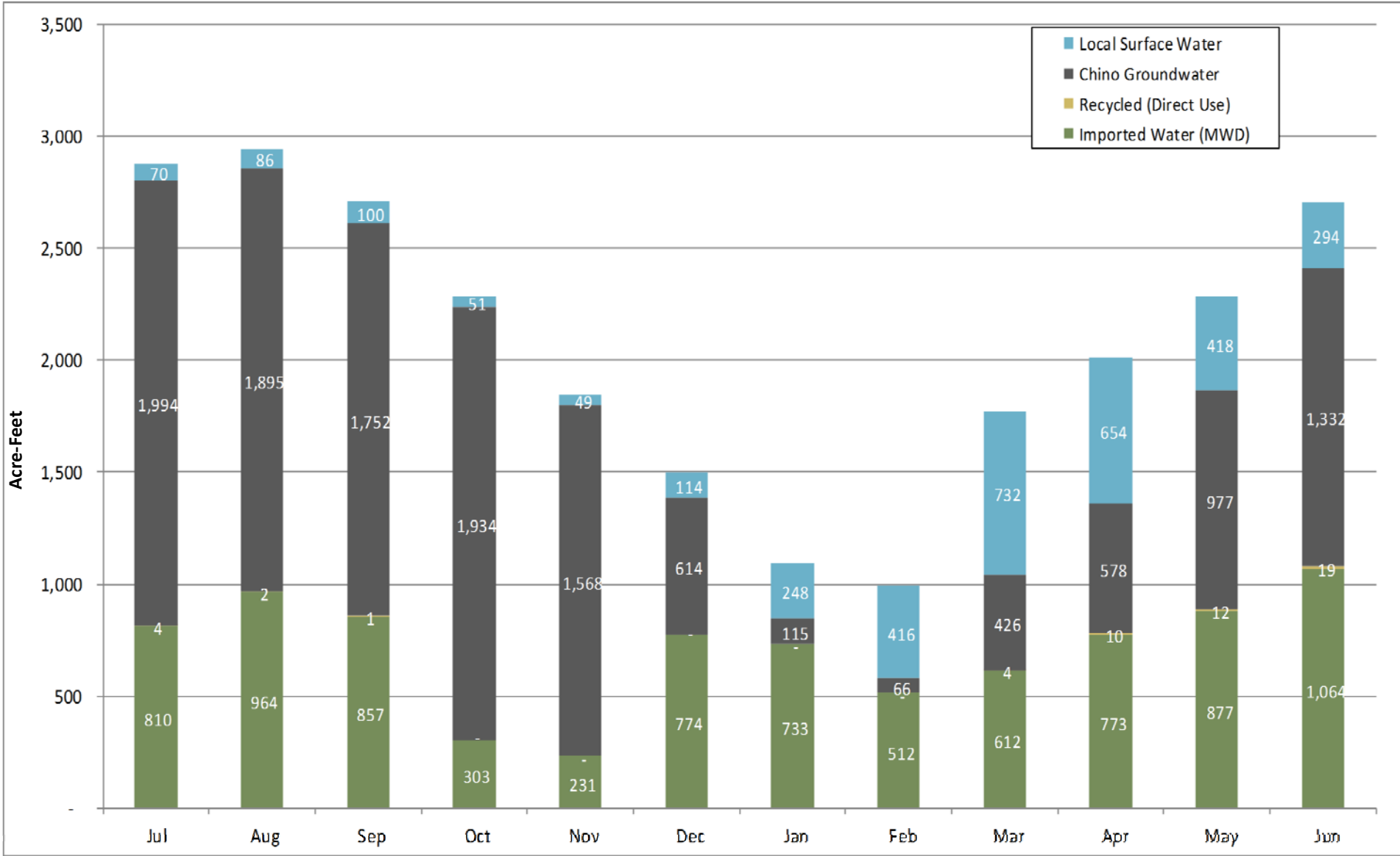


In FY 2016/17, Cucamonga Valley Water District used 25% (43,728 AF) of 184,060 AF used in the IEUA service area.

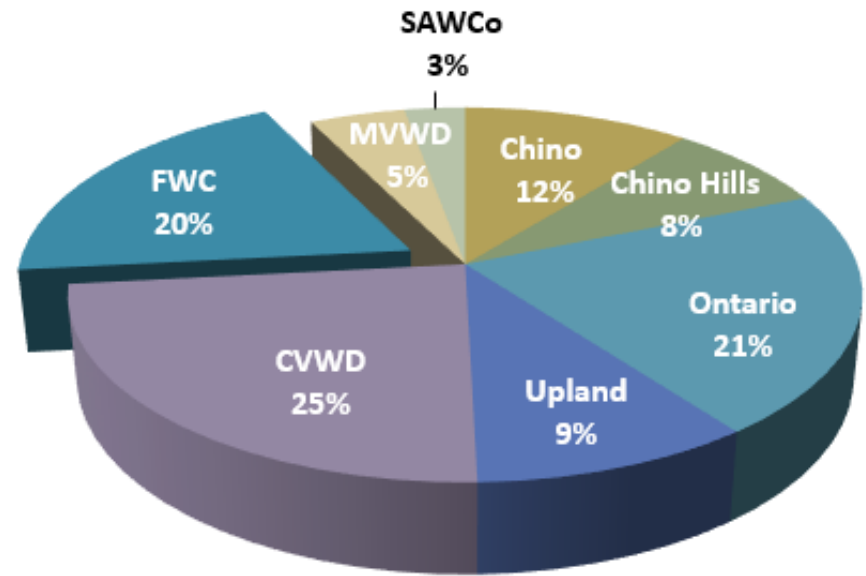
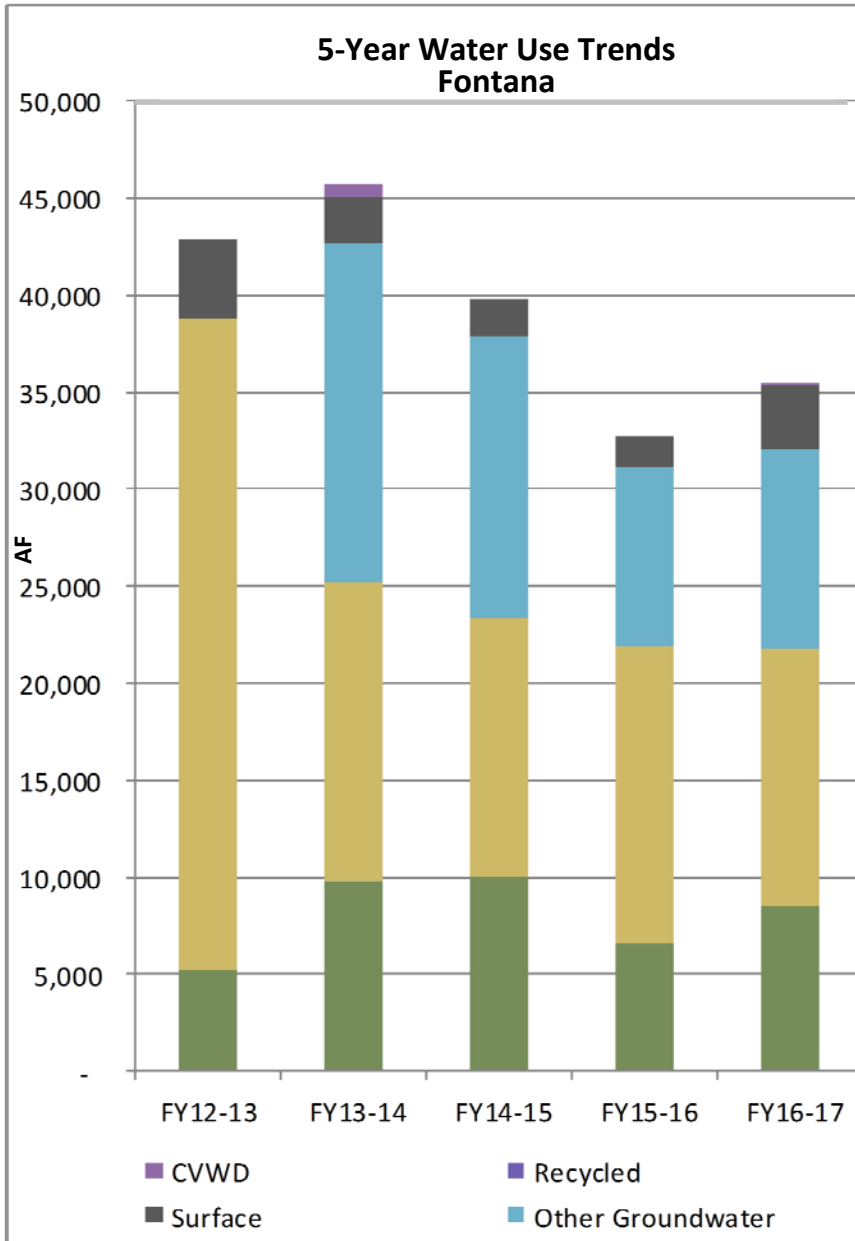
Cucamonga Valley Water District FY 2016/17 Monthly Water Usage

		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										CVWD		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	1,459	1,641	1,140	864	393	1,109	939	818	1,009	1,993	2,046	1,876	15,288
	Recycled (Direct Use)	135	153	146	84	105	39	10	17	62	82	113	110	1,056
Subtotal		1,594	1,794	1,286	948	498	1,148	949	835	1,071	2,075	2,159	1,986	16,344
Production	Chino Groundwater	2,460	2,493	2,348	2,107	2,165	565	261	212	578	694	978	1,690	16,549
	Local Surface Water	55	44	47	45	39	77	111	361	577	454	340	299	2,448
	Other Groundwater	848	804	821	774	678	733	483	237	631	790	800	786	8,386
Subtotal		3,363	3,341	3,216	2,925	2,882	1,375	855	809	1,787	1,938	2,119	2,774	27,384
Total		4,957	5,135	4,502	3,874	3,380	2,523	1,804	1,645	2,857	4,013	4,278	4,760	43,728

Fontana Water Company FY 2016/17 Monthly Water Usage



Fontana Water Company FY 2016/17 Water Use Report

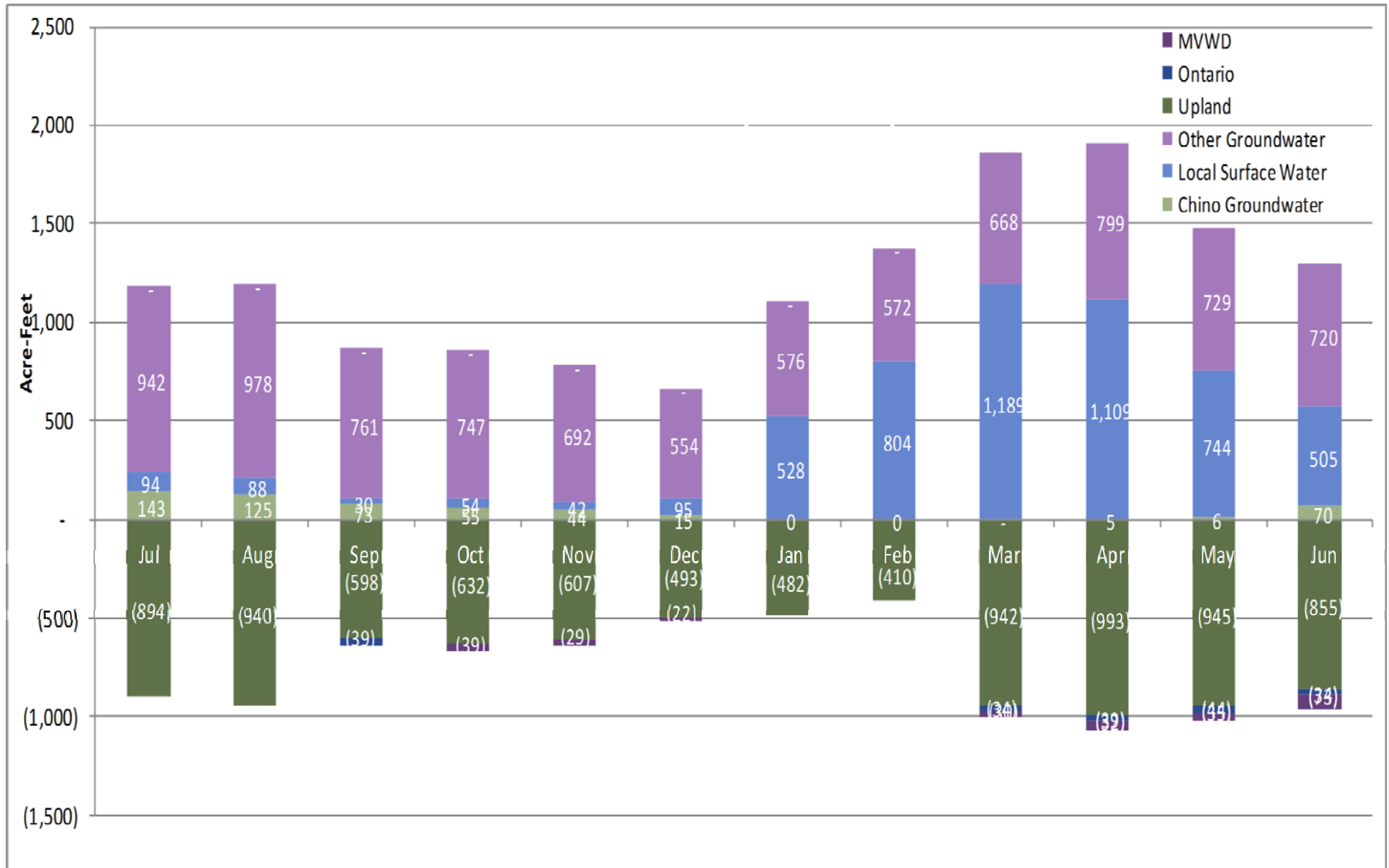


**In FY 2016/17, The Fontana Water Company used 20%
(35,419 AF) of 184,060 AF used in the
IEUA service area.**

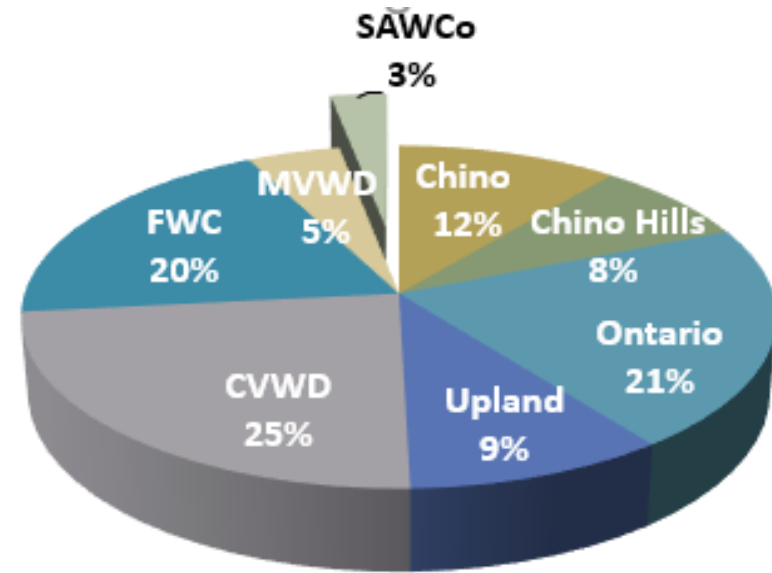
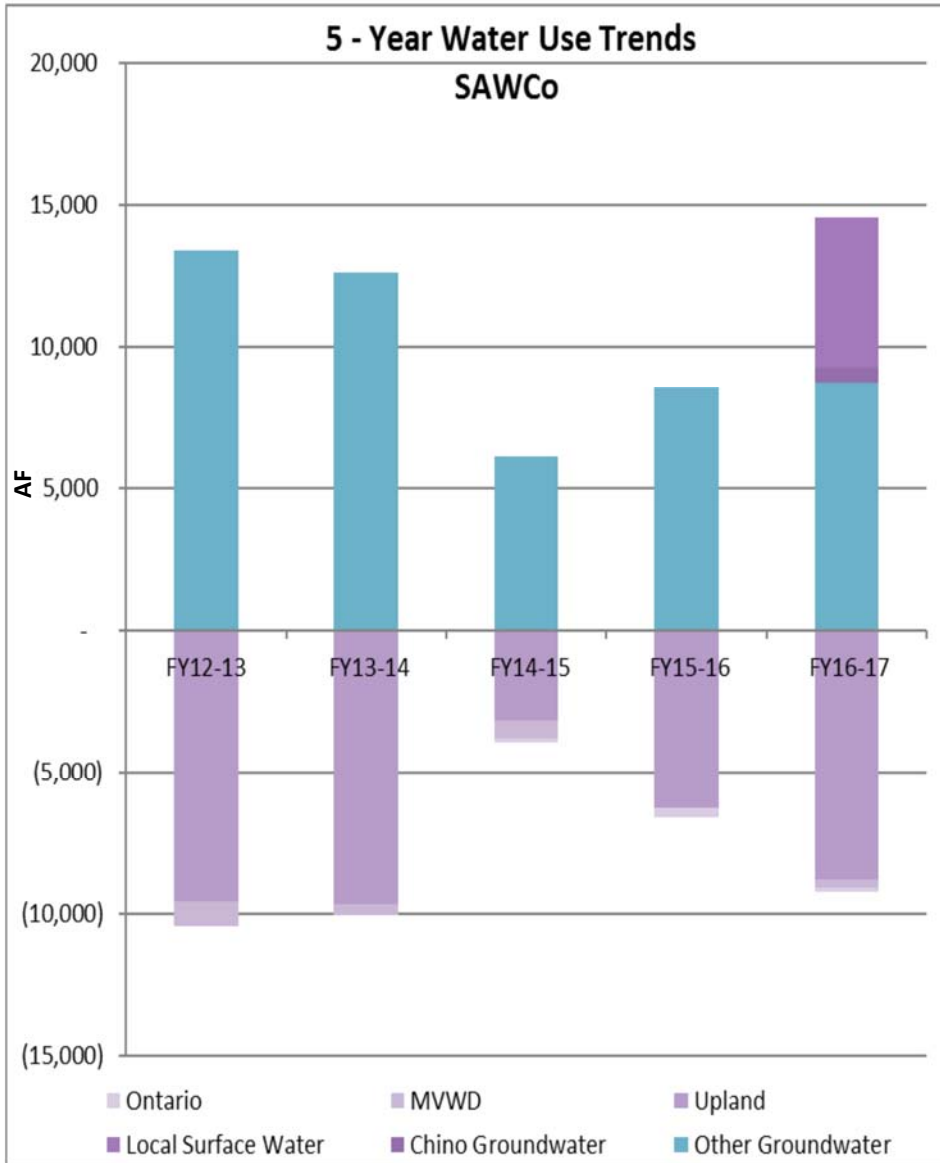
Fontana Water Company FY 2016/17 Monthly Water Usage

		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										FWC		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	810	964	857	303	231	774	733	512	612	773	877	1,064	8,510
	Recycled (Direct Use)	4	2	1	-	-	-	-	-	4	10	12	19	52
Subtotal		814	966	858	303	231	774	733	512	616	783	889	1,083	8,562
Production	Chino Groundwater	1,994	1,895	1,752	1,934	1,568	614	115	66	426	578	977	1,332	13,251
	Local Surface Water	70	86	100	51	49	114	248	416	732	654	418	294	3,230
	Other Groundwater	915	826	752	857	797	793	756	704	787	1,068	1,075	1,007	10,338
Subtotal		2,978	2,806	2,605	2,841	2,414	1,521	1,119	1,186	1,946	2,299	2,470	2,633	26,818
Purchases from other agencies	CVWD	-	39	-	-	-	-	-	-	-	-	-	-	39
Subtotal		-	39	-	-	-	-	-	-	-	-	-	-	39
Total		3,793	3,811	3,463	3,145	2,645	2,295	1,852	1,698	2,562	3,082	3,358	3,716	35,419

San Antonio Water Company FY 2016/17 Monthly Water Usage



San Antonio Water Company FY 2016/17 Water Use Report



In FY 2016/17, The San Antonio Water Company used 3% (5,318 AF) of 184,060 AF used in the IEUA service area.

San Antonio Water Company FY 2016/17 Monthly Water Usage

		Total IEUA Service Area Water Use By Agency for FY16-17 (AF)										SAWCo		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Chino Groundwater	143	125	73	55	44	15	0	0	-	5	6	70	537
	Local Surface Water	94	88	30	54	42	95	528	804	1,189	1,109	744	505	5,282
	Other Groundwater	942	978	761	747	692	554	576	572	668	799	729	720	8,739
Subtotal		1,180	1,190	865	856	779	664	1,104	1,376	1,857	1,913	1,480	1,295	14,558
Sales to other agencies	Upland	(894)	(940)	(598)	(632)	(607)	(493)	(482)	(410)	(942)	(993)	(945)	(855)	(8,791)
	Ontario	-	-	(39)	-	-	-	-	-	(30)	(32)	(35)	(34)	(171)
	MVWD	-	-	-	(39)	(29)	(22)	-	-	(34)	(39)	(44)	(73)	(278)
Subtotal		(894)	(940)	(637)	(671)	(636)	(515)	(482)	(410)	(1,005)	(1,064)	(1,024)	(962)	(9,240)
Total		286	250	227	185	143	149	623	966	852	849	456	333	5,318

APPENDIX A

Five year Historical Data Summary

FY 16-17		Total IEUA Service Area Water Use by Retail Agency for FY 16-17 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	3,469	1,954	2,364	5,406	15,288	8,510	5,105	0	42,096
	Recycled (Direct Use)	6,447	1,838	8,352	652	1,056	52	306	0	18,703
Subtotal		9,916	3,792	10,716	6,058	16,344	8,562	5,411	0	60,799
Production	Chino Groundwater	4,972	2,245	24,672	1,259	16,549	13,251	7,786	537	71,272
	Other Groundwater	0	0	0	1,026	8,386	10,338	0	8,739	28,490
	Local Surface Water	0	0	0	0	2,448	3,230	0	5,282	10,960
Subtotal		4,972	2,245	24,672	2,228	27,384	26,818	7,786	14,558	110,721
Purchases from Other Agencies	CDA	5,008	4,206	3,077	0	0	0	0	0	12,292
	MVWD	0	4,237	0	0	0	0	0	0	4,237
	SAWCo Water	0	0	171	8,791	0	0	0	0	8,961
	West End	0	0	0	1,068	0	0	0	0	1,068
	CVWD	0	0	0	0	0	39	0	0	39
Subtotal		5,008	8,444	3,248	9,858	0	39	0	0	26,597
Sales to Other Agencies*	Chino Hills	0	0	0	0	0	0	-4,818	0	-4,818
	Ontario	0	0	0	0	0	0	0	-171	-171
	Upland	0	0	0	0	0	0	0	-8,791	-8,791
	MVWD	0	0	0	0	0	0	0	-278	-278
Subtotal		0	0	0	0	0	0	-4,818	-9,240	-14,058
Total		19,896	14,481	38,636	18,203	43,728	35,419	8,379	5,318	184,060

FY 15-16		Total IEUA Service Area Water Use by Retail Agency for FY 15-16 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	2,843	110	2,755	4,890	9,712	6,613	4,799	0	31,722
	Recycled (Direct Use)	7,217	1,410	7,566	719	1,146	0	278	0	18,336
Subtotal		10,060	1,520	10,321	5,609	10,857	6,613	5,078	0	50,058
Production	Chino Groundwater	5,104	1,630	22,755	2,601	20,524	15,317	8,371	0	76,302
	Other Groundwater	0	0	0	1,054	7,783	9,253	0	8,517	26,607
	Local Surface Water	0	0	0	0	1,002	1,497	0	0	2,499
Subtotal		5,104	1,630	22,755	3,655	29,309	26,067	8,371	8,517	105,408
Purchases from Other Agencies	CDA	5,000	4,201	2,682	0	0	0	0	0	11,883
	MVWD	0	5,642	0	0	0	0	0	0	5,642
	SAWCo Water	0	0	338	6,297	0	0	0	0	6,635
	West End	0	0	0	1,246	0	0	0	0	1,246
Subtotal		5,000	9,843	3,020	7,543	0	0	0	0	25,406
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-5,437	0	-5,437
	Ontario	0	0	0	0	0	0	0	-338	-338
	Upland	0	0	0	0	0	0	0	-6,297	-6,297
Subtotal		0	0	0	0	0	0	-5,437	-6,635	-12,072
Total		20,163	12,993	36,096	16,807	40,166	32,681	8,012	1,882	168,799

FY 14-15		Total IEUA Service Area Water Use by Retail Agency for FY 14-15 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	2,830	2,494	10,703	7,047	21,306	9,994	4,530	0	58,905
	Recycled (Direct Use)	8,324	1,827	8,018	636	1,400	0	308	0	20,513
Subtotal		11,154	4,321	18,721	7,684	22,705	9,994	4,838	0	79,418
Production	Chino Groundwater	6,497	2,904	17,426	3,416	14,490	13,344	8,407	0	66,485
	Other Groundwater	0	0	0	1,291	10,631	14,500	0	6,091	32,513
	Local Surface Water	0	0	0	0	1,076	1,969	0	0	3,044
Subtotal		6,497	2,904	17,426	4,708	26,196	29,813	8,407	6,091	102,042
Purchases from Other Agencies	CDA	5,232	4,426	4,827	0	0	0	0	0	14,485
	MVWD	0	4,436	0	0	0	0	0	0	4,436
	SAWCo Water	0	0	172	5,461	0	0	612	0	6,246
	West End	0	0	0	2,139	0	0	0	0	2,139
Subtotal		5,232	8,862	5,000	7,601	0	0	612	0	27,306
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-4,439	0	-4,439
	MVWD	0	0	0	0	0	0	0	-612	-612
	Ontario	0	0	0	0	0	0	0	-172	-172
	Upland	0	0	0	0	0	0	0	-3,177	-3,177
Subtotal		0	0	0	0	0	0	-4,439	-3,961	-8,400
Total		22,884	16,087	41,147	19,992	48,902	39,807	9,419	2,129	200,366

FY 13-14		Total IEUA Service Area Water Use by Retail Agency for FY 13-14 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	4,342	962	9,904	7,265	28,825	9,792	5,965	0	67,055
	Recycled (Direct Use)	8,916	2,002	8,428	869	1,652	0	339	0	22,205
Subtotal		13,258	2,964	18,332	8,134	30,477	9,792	6,304	0	89,261
Production	Chino Groundwater	6,725	2,138	21,723	2,822	16,122	15,378	12,522	0	77,430
	Other Groundwater	0	0	0	704	8,324	17,454	0	12,610	39,092
	Local Surface Water	0	0	0	0	1,254	2,405	0	0	3,658
Subtotal		6,725	2,138	21,723	3,526	25,700	35,236	12,522	12,610	120,180
Purchases from Other Agencies	CDA	5,198	4,396	5,141	0	0	0	0	0	14,735
	CVWD	0	0	0	0	0	757	0	0	757
	MVWD	0	8,427	0	0	0	0	0	0	8,427
	SAWCo Water	0	0	0	9,662	0	0	400	0	10,063
	West End	0	0	0	2,653	0	0	0	0	2,653
Subtotal		5,198	12,824	5,141	12,316	0	757	400	0	36,636
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-8,428	0	-8,428
	MVWD	0	0	0	0	0	0	0	-400	-400
	Upland	0	0	0	0	0	0	0	-9,662	-9,662
Subtotal		0	0	0	0	0	0	-8,428	-10,063	-18,490
Total		25,181	17,926	45,196	23,975	56,177	45,785	10,798	2,547	227,586

FY 12-13		Total IEUA Service Area Water Use by Retail Agency for FY 12-13 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	4,085	1,822	10,244	6,067	25,845	5,215	5,737	0	59,013
	Recycled (Direct Use)	8,957	1,890	6,894	264	1,231	0	327	0	19,562
Subtotal		13,042	3,711	17,138	6,331	27,075	5,215	6,063	0	78,575
Production	Chino Groundwater	7,022	3,134	20,801	2,358	18,740	33,576	10,325	0	95,956
	Other Groundwater	0	0	0	1,349	6,420	0	0	13,376	21,145
	Local Surface Water	0	0	0	0	1,921	4,059	0	0	5,980
Subtotal		7,022	3,134	20,801	3,707	27,081	37,635	10,325	13,376	123,081
Purchases from Other Agencies	CDA	4,805	4,075	4,792	0	0	0	0	0	13,671
	MVWD	0	6,949	0	0	0	0	0	0	6,949
	SAWCo Water	0	0	0	9,594	0	0	841	0	10,435
	West End	0	0	0	3,692	0	0	0	0	3,692
Subtotal		4,805	11,024	4,792	13,286	0	0	841	0	34,747
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-7,249	0	-7,249
	MVWD	0	0	0	0	0	0	0	-841	-841
	Upland	0	0	0	0	0	0	0	-9,594	-9,594
Subtotal		0	0	0	0	0	0	-7,249	-10,435	-17,684
Total		24,868	17,869	42,731	23,324	54,157	42,850	9,980	2,941	218,719

APPENDIX B

Definitions

Chino Basin Groundwater – Water pumped from the Chino Basin Aquifer and treated by retail water agencies for all potable uses within the IEUA service area.

Desalter Water – Water pumped from Chino Basin Desalter I owned and operated by the Chino Basin Desalter Authority (CDA). Groundwater, with high levels of dissolved solids, is treated and distributed to several retail agencies within the IEUA’s service area for potable uses.

Imported Water (MWD) – Water from Northern California and supplied by the Metropolitan Water District of Southern California (MWD), and water transferred from other groundwater basins to retail water agencies operating within the IEUA service area. All Tier I and Tier II deliveries are included in this category.

Other Groundwater – Water produced from other local groundwater basins to retail water agencies operating within IEUA’s service area.

Surface Water – Water collected by retail water agencies from mountain runoff and storm flows, which is collected and treated for potable use.

Recycled Water – Title 22 recycled water produced by the IEUA at its water recycling plants for distribution through separate pipelines to retail water agency customers for all non-potable uses.

WECWC– West End Consolidated Water Company supplies some water to the City of Upland.

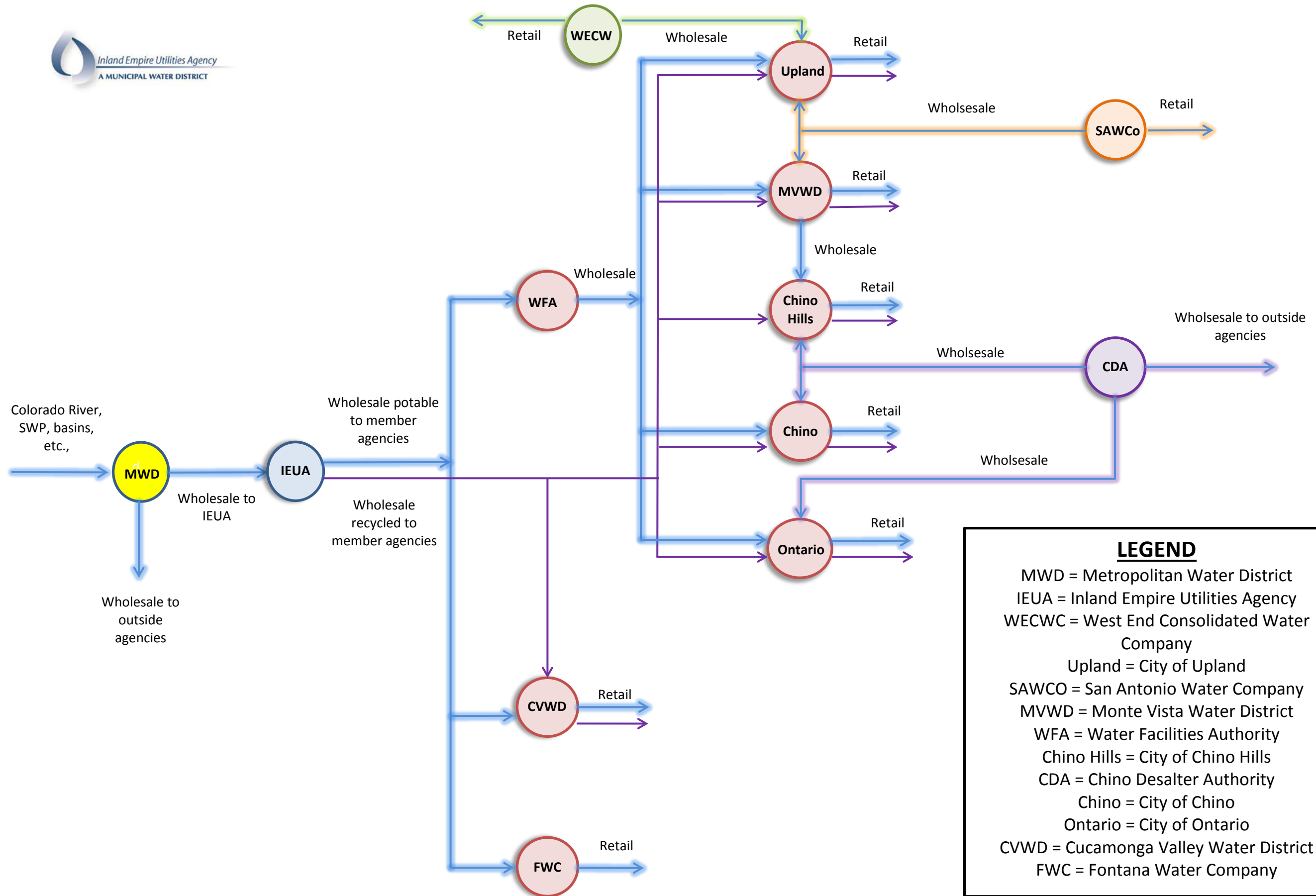
WVWD – West Valley Water District

Production – Amount of water Agencies produce from their groundwater, surface water, or other water supplies that they have rights or jurisdiction over.

Use – Amount of water used within a member agency’s jurisdiction, as reported by them to IUEA.

APPENDIX C

Member Agency Organizational Chart



LEGEND

- MWD = Metropolitan Water District
- IEUA = Inland Empire Utilities Agency
- WECWC = West End Consolidated Water Company
- Upland = City of Upland
- SAWCO = San Antonio Water Company
- MVWD = Monte Vista Water District
- WFA = Water Facilities Authority
- Chino Hills = City of Chino Hills
- CDA = Chino Desalter Authority
- Chino = City of Chino
- Ontario = City of Ontario
- CVWD = Cucamonga Valley Water District
- FWC = Fontana Water Company



IEUA FY 2016-2017 Annual Energy Report



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IEUA is committed to optimizing facility energy use and effectively managing renewable resources to achieve peak power independence and contain future energy costs.

Introduction

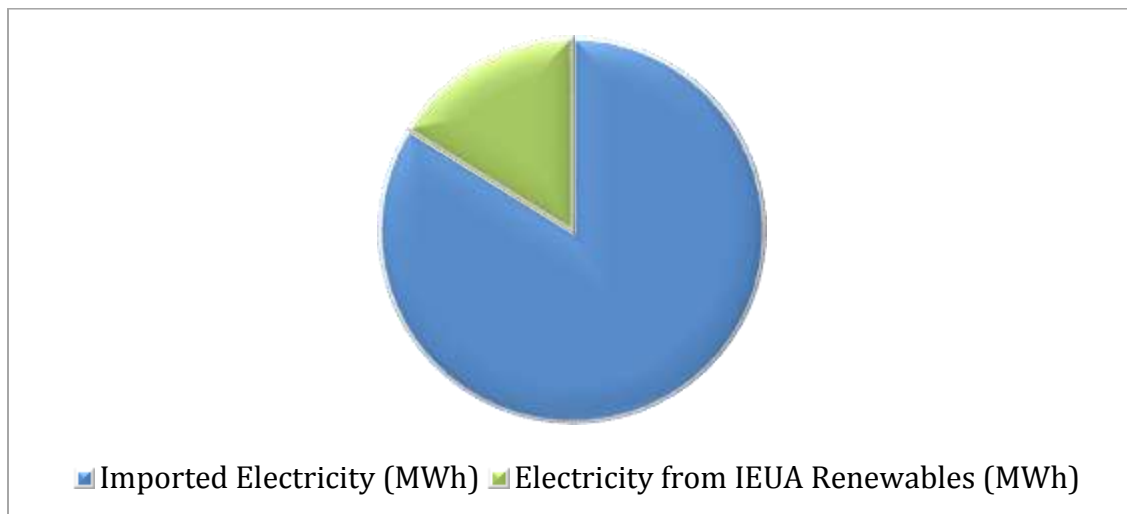
The 2016/17 Energy Report tracks IEUA's energy consumption, renewable generation performance and savings, and energy efficiency projects for the fiscal year. The report concludes with a glimpse of upcoming projects that will be further discussed in subsequent reports.

Summary

In 2016/17, IEUA:

- Consumed 73,884 MWh of electricity (Figure 1)
- Generated 16% of the electricity consumed from renewable energy resulting in \$370,000 in savings for the fiscal year (Figure 1). Savings to date since 2008 is approximately \$895,000.
- Spent \$8.6 million for electricity
- Completed the following energy efficiency projects
 - Lighting Project (Phase 1)
 - CCWRF Sludge Pump Replacement
 - Pumping Project (Phase 1)

Figure 1: IEUA Electricity Source for 2016/17



Did you know?

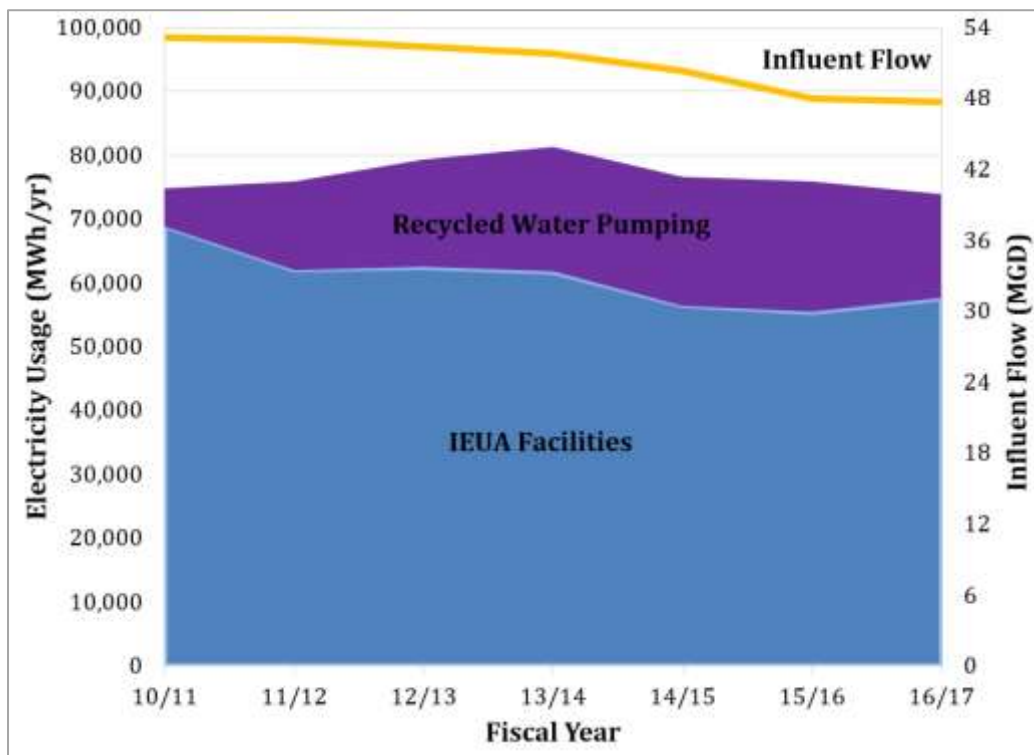
** A typical household uses 10,812 kWh per year (U.S. Energy Information Administration).*

** The renewable energy generated by IEUA would be able to provide electricity to at least 1,100 homes.*

Flow and Energy Consumption

- In 2016/17, the annual average influent flow to the regional wastewater facilities was 47.7 MGD which was a decrease of 0.6% as compared to the previous fiscal year of 48 MGD (Figure 2). The decrease was due to increased water conservation.
- In 2016/17, IEUA facilities which include the regional wastewater facilities, composting facility, and recycled water pumping used approximately 73,884 MWh of electricity (Figure 2). The electricity consumption for 2016/17 decreased by 2.5% as compared to the previous fiscal year of 75,795 MWh.

Figure 2: IEUA Electricity Use and Regional Influent Flows



Power Demand

- During the fiscal year, agency-wide demand ranged from 8,000 kW during the winter months and 10,700 kW during the summer months (Figure 4 and 5). The large seasonal variation in the power demand is attributed to the recycled water demand and the related recycle water pumping.

Expenditure

- In 2016/17, the annual cost for electricity was \$8.6 million which was a decrease of 11% as compared to the previous fiscal year of \$9.7 million. A portion of the savings is due to the current favorable energy market and direct access contract with Shell Energy North America, IEUA's energy service provider. The cost of electricity

remains the highest non-labor operations and maintenance (O&M) expenditure for IEUA.

Renewable Energy Production and Storage

- IEUA's diverse renewable portfolio consists of 3.5 MW solar, 1.0 MW of wind, 2.8 MW fuel cell, 3.0 MW of engines, and 0.5 MW battery. If fully operational, onsite generation would provide enough electricity to satisfy agency-wide demand during peak hours (Figure 4); current output is approximately 50% of the summer peak demand (Figure 5). In order to move closer to the goal of peak power independence by 2020, IEUA's renewable portfolio is expected to grow with additional solar and batteries. This would allow IEUA to be able to operate completely off the grid during peak energy usage periods.

Figure 3: IEUA's Diverse Renewable Portfolio



- IEUA's renewable portfolio generated 16% of the electricity used in 2016/17. Of the electricity consumed by IEUA;
 - 7.6% was produced by the Renewable Energy Efficiency Project (REEP) engine at RP-5;
 - 8.0 % was produced by the solar across IEUA facilities; and
 - 0.5% was produced by the wind turbine at RP-4.
- The biogas engine at RP-2 was shut down in March 2016 in order to comply with more stringent emission limits established by the local air district. As such, the renewable generation from the RP-2 engine is no longer part of the renewable portfolio for 2016/17.

- In 2016/17, 12,000 MWh of electricity was generated on site, 42% less than 2015/16. This decrease was primarily due to the fuel cell being offline for the fiscal year due to the fuel cell performance.
- Despite Power Purchase Agreement (PPA) average rates were typically higher than the average grid price in 2016/17, renewable energy projects provided overall \$370,000 in savings, as a result of lower standby charges compared to the facility demand charge rate.
- Generated solar electricity varies between the summer and winter seasons, as generation increases in summer months, which have more sunlight hours each day than winter months (Figure 5).
- Overall, during the winter months, the wind turbine produced more consistently (Figure 5).
- Engine was able to produce consistently throughout the year with stable gas production and quality (Figure 5).
- The battery at RP-5 provided IEUA at least \$8,000 in savings despite being in test mode from June 2016 – November 2016.

Figure 4: Connected Renewables' Capacities vs. Agency-Wide Power Demand

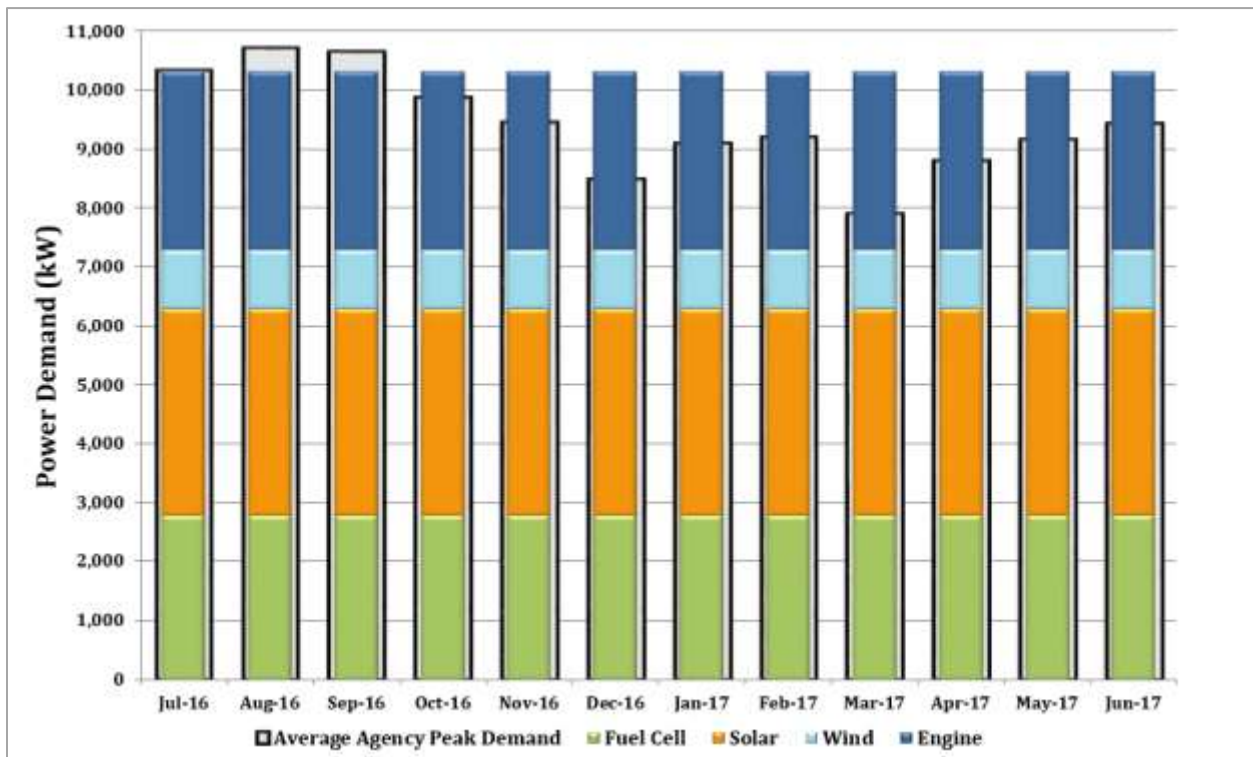
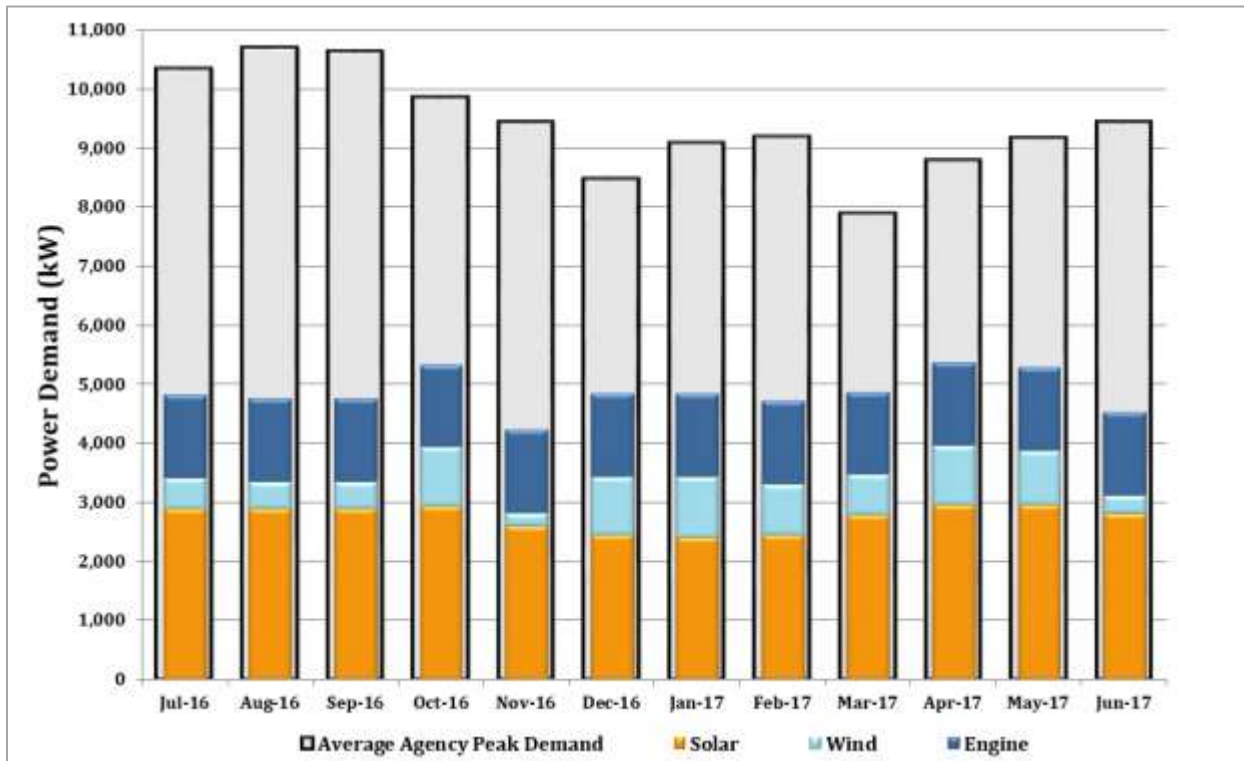


Figure 5: Actual Renewables' Output



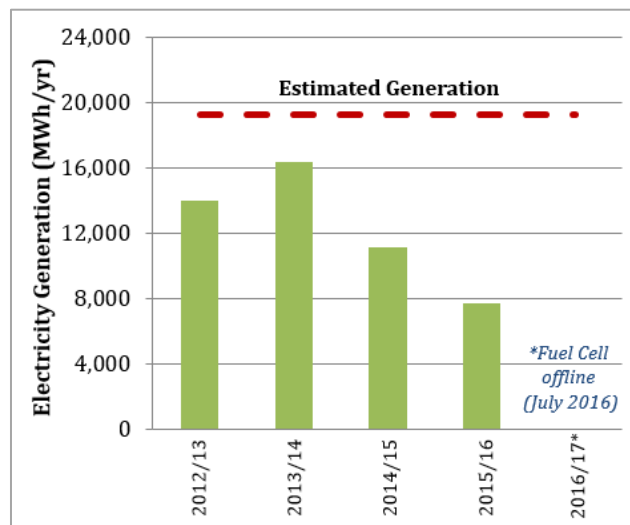
Fuel Cell



Fuel Cell Performance

- The fuel cell is assumed to have not generated any renewable energy in 2016/17, although the fuel cell operated for less than a month in the fiscal year. IEUA is unable to obtain data for the month due to the ongoing litigation.

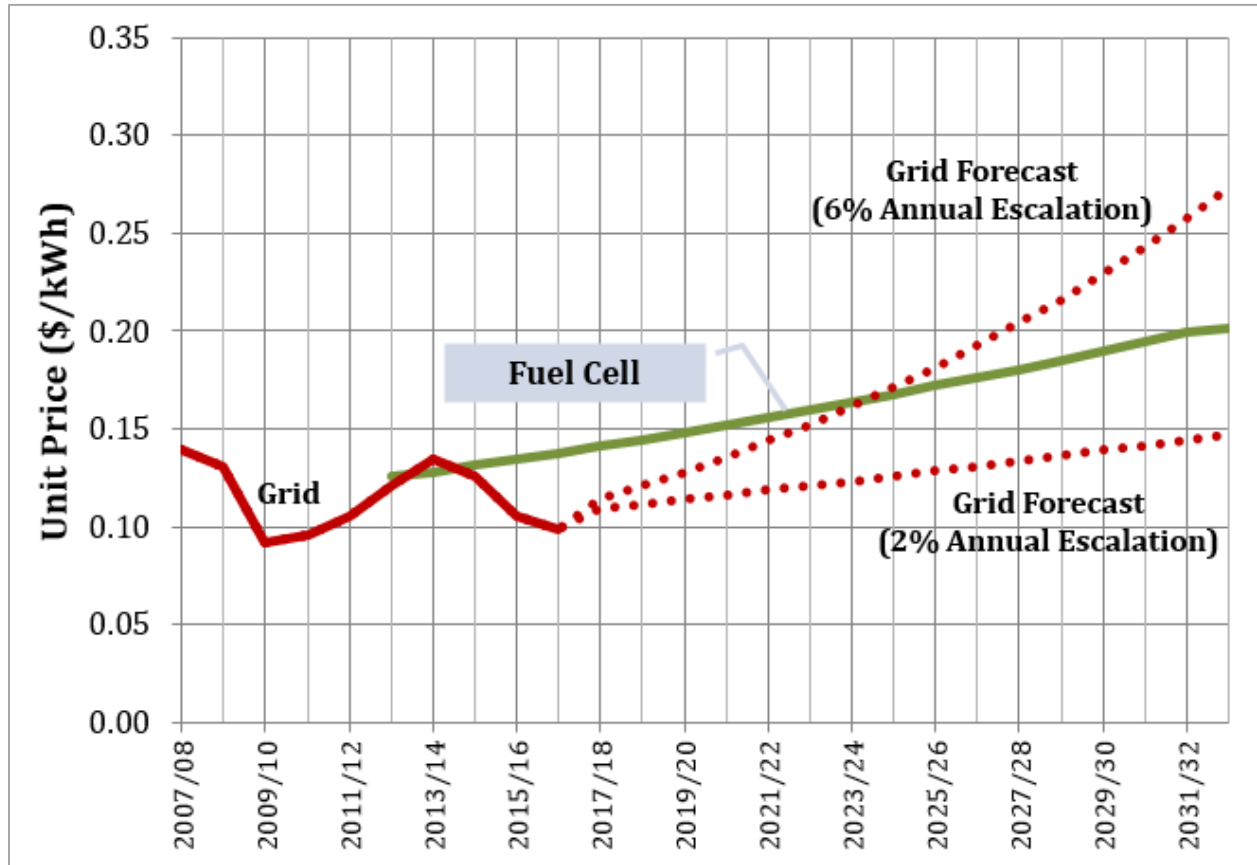
Figure 6: Fuel Cell Electricity Output



Fuel Cell Cost

- For 2016/17, the PPA rate for the fuel cell was higher than the average grid price. Figure 7 depicts the unit price of electricity from the fuel cell PPA as compared to the average grid price.

Figure 7: Cost of Fuel Cell Power vs Grid Import



- Despite PPA average rates have been typically higher than the average grid price since 2014/15, the fuel cell project provided to date approximately \$628,000 in savings, as result of lower standby charges compared to the facility demand charge rate. Table 1 provides the cumulative savings and the savings throughout the PPA term with a grid forecast of 2% and 6% escalation per year.

Table 1: Savings from Fuel Cell Power

Savings FY 12/13 – FY 16/17	\$628,000
Range of Savings PPA Term (FY 12/13 – FY 32/33)	-\$11,206,000 (2% Esc) \$5,261,000 (6% Esc)

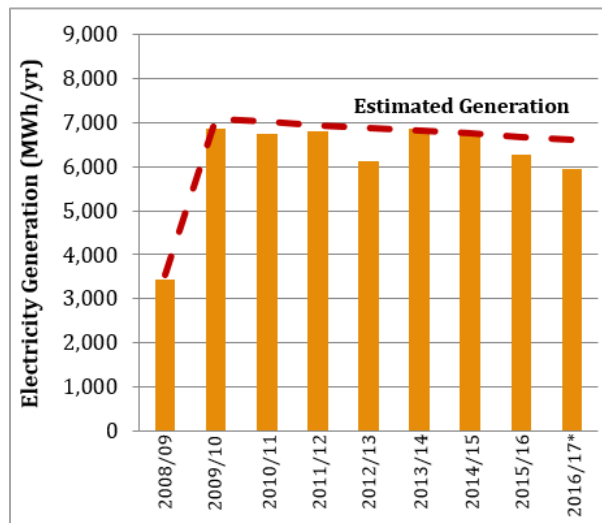
Solar



Solar Performance

- Solar across IEUA facilities generated 5,945 MWh of renewable energy, 5.4% less than 2015/16. The solar generation for 2016/17 is an estimate due to a metering issue and will be updated as soon as the issue has been resolved.

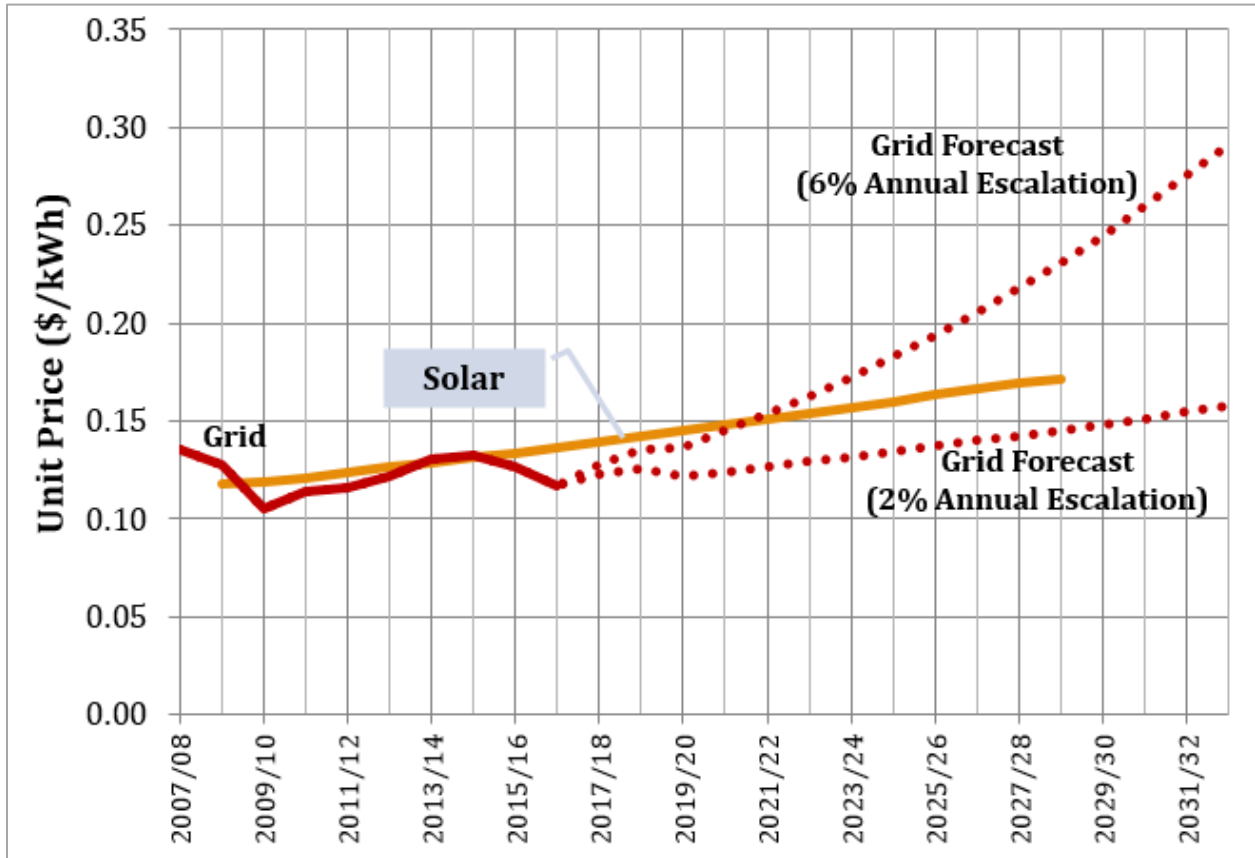
Figure 8: Solar Electricity Generation



Solar Cost

- For 2016/17, the PPA rate for the solar was higher than the average grid price.

Figure 9: Cost of Solar Power vs Grid Import



- Solar generated \$145,000 from 2008/09 to 2016/17.

Table 2: Savings from Solar Power

Savings FY 08/09 – FY 16/17	\$145,000
Range of Savings PPA Term (FY 08/09 – FY 28/29)	\$477,000 (2% Esc) \$3,635,000 (6% Esc)

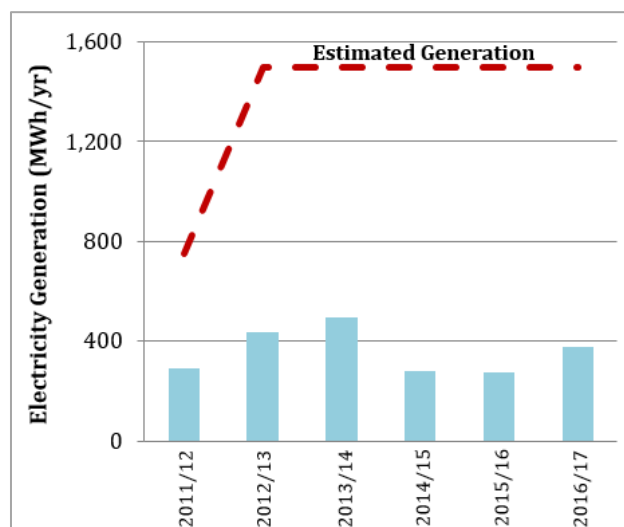
Wind



Wind Performance

- The wind turbine at RP-4 generated 2,150 MWh of renewable energy, 21% higher than 2015/16.

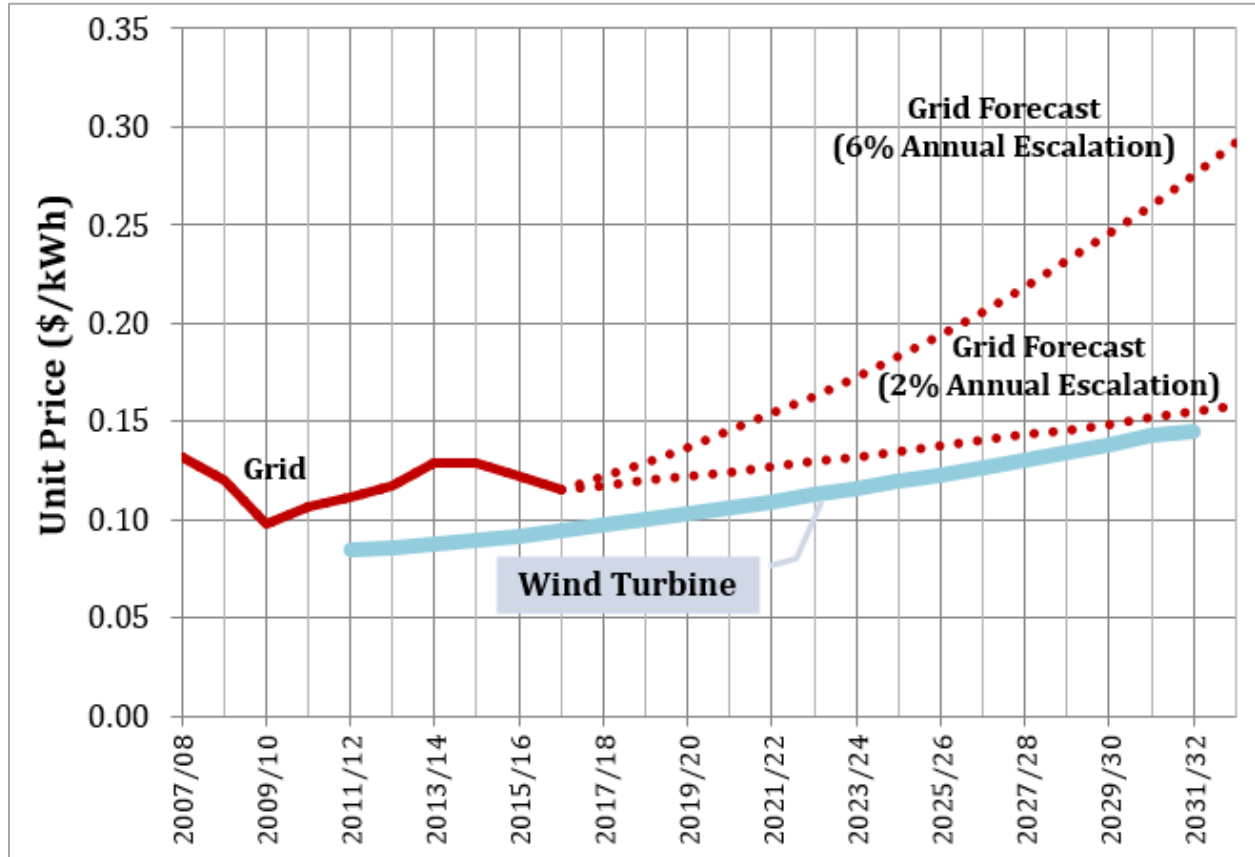
Figure 10: Wind Electricity Generation



Wind Cost

- For 2016/17, the PPA rate for the wind turbine was 22% lower than the average grid price.

Figure 11: Cost of Wind Power vs Grid Import



- Wind generated \$61,000 in savings from 2011/12 to 2016/17.

Table 3: Savings from Wind Power

Savings FY 11/12 – FY 16/17	\$61,000
Range of Savings PPA Term (FY 11/12 – FY 31/32)	\$151,000 (2% Esc) \$477,000 (6% Esc)

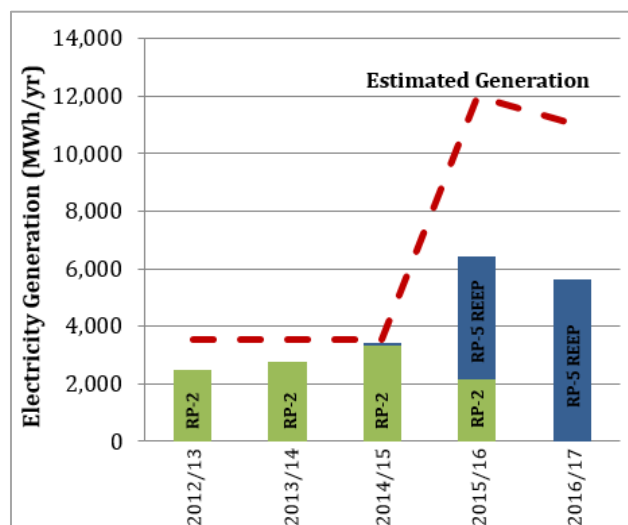
Engine



Engine Performance

- Renewable energy generated by engines decreased by 12% in 2016/17 because the engine at RP-2 was shut down in 2015/16.
- Similar to 2015/16, one of the two Renewable Energy Efficiency Project (REEP) engines at RP-5 was in operation in 2016/17 because RP-5 SHF was unable to produce sufficient biogas to operate both engines. In 2016/17, the engine produced 5,640 MWh of renewable electricity, 33% higher than the previous fiscal year.

Figure 12: Engine(s) Electricity Generation



Engine Cost

- The rate for the REEP engines remains 5% lower than the average grid price, consistent with the lease agreement with Inland Bioenergy, LLC (IBE).

Figure 13: Cost of Engine Power vs Grid Import

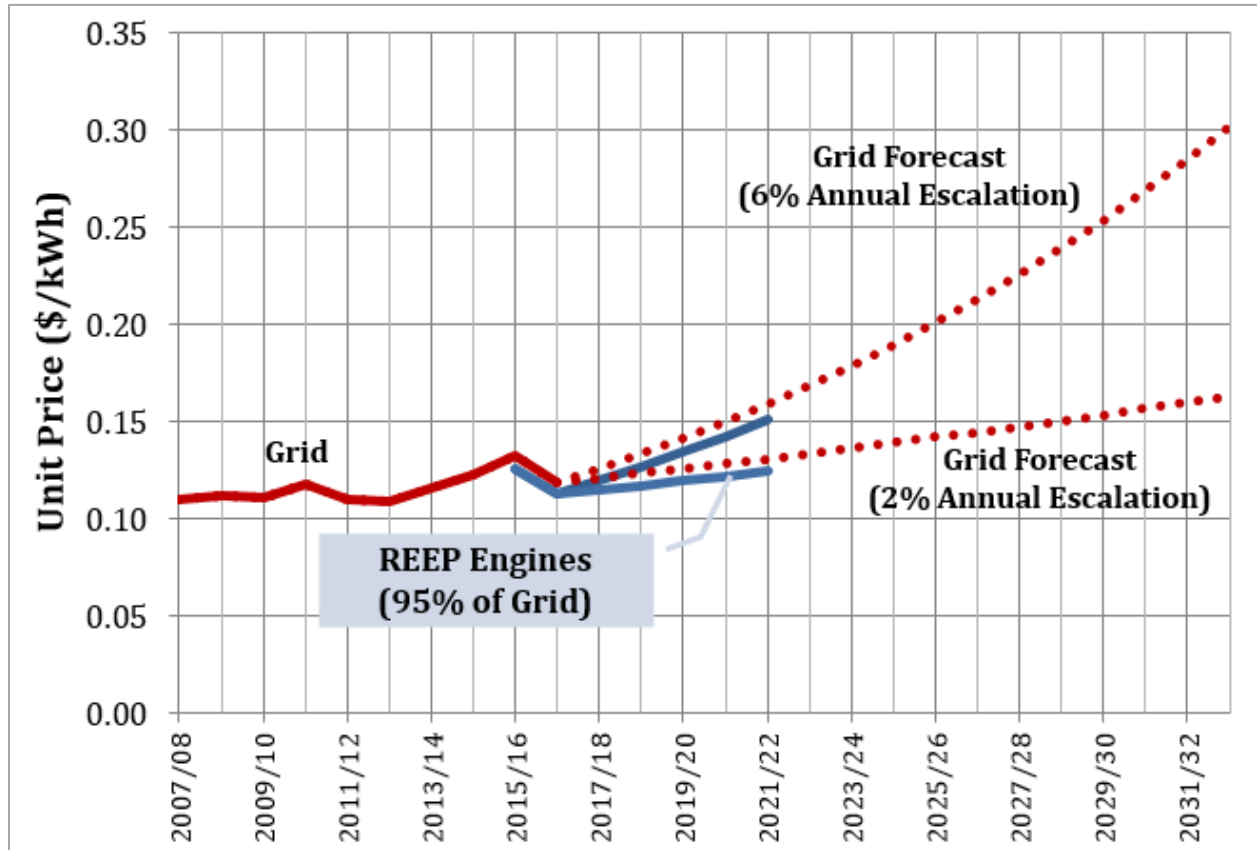


Table 4: Savings from Engine Power

Savings FY 11/12 – FY 16/17	\$61,000
Range of Savings PPA Term (FY 11/12 – FY 21/22)	\$295,000 (2% Esc) \$325,000 (6% Esc)

Energy Efficiency Projects

- IEUA continues to work with Southern California Edison (SCE) and The Energy Network to conduct comprehensive energy audits and to implement projects to reduce electricity consumption throughout its facilities and operations. In FY 16/17, several lighting replacements and pump overhauls and retrofits were completed that will result in an annual electricity savings of 1,185,000 kWh/year, an avoided power usage of 110 kW, and an annual savings of \$142,000/year assuming the average price for electricity is \$0.12/kWh. Project highlights include:

Lighting Project (Phase 1)

- This project was completed in August 2016 in which 522 lighting fixtures at RP-4/IERCF and CCWRF were replaced with efficient LED fixtures.
- Expected annual savings: 515,135 kWh and \$61,800
- Avoided power usage: 22 kW



LEDs installed at RP4's chemical storage room

CCWRF Sludge Pumps

- This project consisted of replacing old sludge pumps at CCWRF with new high efficiency pumps.
- Completed: February 2017
- Expected annual savings: 8,779 kWh and \$1,000
- Avoided power usage: 2.13 kW

Pumping Project (Phase 1)

- This project consisted of refurbishing two recycled water pumps at RP-1, a recycled water pump at RP-4, and the pump at the Intermediate Pump Station (IPS) at RP-1. The project also replaced a sewage pump at the Philadelphia Lift Station.
- Completed: April 2017
- Expected annual savings: 660,994 kWh and \$ 79,000
- Avoided power usage: 86.7 kW

Upcoming Projects

Renewable Natural Gas Feasibility Study

- On July 19, 2017, IEUA's Board of Directors approved the Memorandum of Understanding (MOU) between IEUA and Anaergia for the development of a renewable natural gas project at RP-1. IEUA is working with Anaergia to develop a feasibility study of the economic and technical viability of a renewable natural gas facility at RP-1 for the export of biomethane. The feasibility study is expected to be completed in the first quarter of 2018.

IERCF Rooftop Solar

- On July 19, 2017, the Board of Directors authorized the General Manager to negotiate and execute the agreement between the Inland Empire Regional Composting Authority (IERCA) and IEUA for the installation of a solar photovoltaic power plant, subject to engineering evaluation. Advanced Microgrid Solutions (AMS) who will design, install, and manage the project plans to install 1.5 MW of solar subsequent to further engineering evaluation of the roof structure.

Energy Storage Installation

- AMS plans to install a total of 3.5 MW of batteries at RP-4, RP-1 and CCWRF. The installation of a 1.5 MW battery at RP-4 will be completed in February 2018; a 1.0 MW battery at RP -1 will be completed in April 2018; and a 1.0 MW battery at CCWRF will be completed in June 2018. The batteries will efficiently integrate IEUA's renewable generation facilities, improve energy load management, and provide cost savings by shifting electricity use away from expensive peak hours.
- AMS provided a minimum net savings assurance to IEUA and IERCA combined of approximately \$178,000 per year for 20 years.

Lighting Project (Phase 2)

- This project consists of replacing interior and exterior lights at RP-1, RP-5, CCWRF, and IEUA's Headquarter Building with Light Emitting Diodes (LEDs). At least 2,000 lights will be replaced.

Pumping Project (Phase 2)

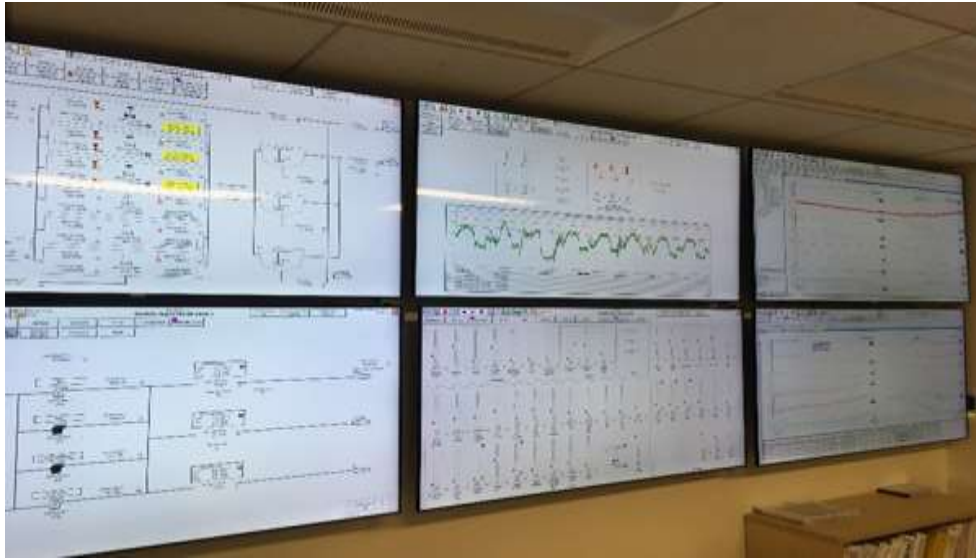
- This project will replace a sewage pump at the Philadelphia Lift Station and will refurbish three recycled water pumps at RP-1 and a recycled water pump at RP-4. The project is expected to be completed in December 2017.

Greenhouse Gas Emissions Annual Reporting

- IEUA will continue to voluntarily report its greenhouse gas emissions to The Climate Registry.

UCR Energy Demand Management

- IEUA will continue to work with University of California, Riverside (UCR) to demonstrate and deploy energy management, data acquisition, and supervisory control strategies to improve efficiency and reduce both peak loads and electricity costs at CCWRF.



CCWRF's control screens provide operators with instantaneous facility power demand and the monthly peak demand. This information allows operators to reduce power (e.g. reduce pumping temporarily) to avoid setting a new peak demand, thereby reducing electricity cost.

**AGENCY
REPRESENTATIVES'
REPORTS**

5B



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

MWD MEETING AGENDA

Board Meeting - Revised Agenda

October 10, 2017

12:00 p.m. -- Boardroom

MWD Headquarters Building 700 N. Alameda Street Los Angeles, CA 90012

1. Call to Order

- (a) Invocation: Marcia Ferreira, Associate Resource Specialist, Water Resource Management
- (b) Pledge of Allegiance: Director Mark Gold, City of Los Angeles

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. Approval of the Minutes of the Regular Meeting on September 12, 2017, and Special Board Meeting on September 26, 2017 (A copy has been mailed to each Director) Any additions, corrections, or omissions

Draft Minutes September 12, 2017

Draft Minutes September 26, 2017

- B. Report on Directors' events attended at Metropolitan expense for month of September
- C. Induction of new Director Barry D. Pressman, from the City of Beverly Hills
 - (a) Receive credentials

- (b) Report on credentials by General Counsel
 - (c) File credentials
 - (d) Administer Oath of Office
 - (e) File Oath
- D. Approve Commendatory Resolutions for Director Robert Wunderlich, representing the City of Beverly Hills
- E. Approve committee assignments
- F. Chairman's Monthly Activity Report

6. DEPARTMENT HEADS' REPORTS

- A. General Manager's summary of activities for the month of September
6A Report
- B. General Counsel's summary of activities for the month of September
6B Report
- C. General Auditor's summary of activities for the month of September
6C Report
- D. Interim Ethics Officer's summary of activities for the month of September
6D Report

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Adopt CEQA determination and appropriate \$200,000; and authorize preliminary design of security and erosion control improvements at the Henry J. Mills Water Treatment Plant (Appropriation No. 15479). (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt; and
a - Appropriate \$200,000; and
b - Authorize preliminary design of security and erosion control improvements at the Mills plant.

7-1 Board Letter and Attachments

7-1 Presentation

- 7-2 Adopt CEQA determination and appropriate \$900,000; and authorize design of Stage 3 improvements for West Valley Feeder No. 1 (Appropriation No. 15377). (E&O)

Recommendation:**Option #1:**

Adopt the CEQA determination that the proposed actions are categorically exempt; and
a - Appropriate \$900,000; and
b - Authorize design of Stage 3 improvements for West Valley Feeder No. 1.

7-2 Board Letter and Attachments7-2 Presentation

- 7-3 Adopt CEQA determination and appropriate \$1.12 million; and authorize: (1) design and procurement to replace valves on the West Orange County Feeder; and (2) preliminary design to rehabilitate Service Connection OC-09 (Appropriation No. 15480). (E&O)

Recommendation:**Option #1:**

Adopt the CEQA determination that the proposed actions are exempt; and
a - Appropriate \$1.12 million;
b - Authorize design and procurement to replace valves on the West Orange County Feeder; and
c - Authorize preliminary design to rehabilitate Service Connection OC-09.

7-3 Board Letter and Attachments7-3 Presentation

- 7-4 Adopt CEQA determination and appropriate \$1.4 million; and award \$787,906 contract to Environmental Construction, Inc. to relocate the turnout for Service Connection OC-76 on the Allen-McColloch Pipeline (Appropriation No. 15480) (E&O)

Recommendation:**Option #1:**

Adopt the CEQA determination that the proposed action is exempt; and
a - Appropriate \$1.4 million; and
b - Award \$787,906 contract to Environmental Construction, Inc. to relocate the turnout for Service Connection OC-76 on the Allen-McColloch Pipeline.

7-4 Board Letter and Attachments7-4 Presentation

- 7-5 Adopt CEQA determination and approve amendments to the Metropolitan Water District Administrative Code to conform to current law, practices and regulations. (L&C)

Recommendation: (added)

Option #1:

**Adopt the CEQA determination that the proposed action is not defined as a project under CEQA, and
Approve amendments to the Administrative Code set forth in Attachment 2 to reflect the changes recommended by this letter**

7-5 Board Letter and Attachments

8. OTHER BOARD ITEMS — ACTION

- 8-1 Adopt CEQA determination and appropriate \$4.41 million; and authorize: (1) agreement with Project Partners, LLC in an amount not to exceed \$2,722,000 for deployment of Metropolitan's Project Controls and Reporting System; and (2) agreement with Oracle Corporation in an amount not to exceed \$600,000 for procurement of application licenses; and authorize the General Manager to amend the agreement with Project Partners by up to \$250,000 (Appropriation No. 15490). (E&O)

Recommendation: (added)

Option #1

**Adopt the CEQA determination that the proposed action is not defined as a project and is not subject to CEQA, and
a - Appropriate \$4.41 million;
b - Authorize agreement with Project Partners, LLC in an amount not to exceed \$2,722,000 for deployment of the Project Controls and Reporting System;
c - Authorize the General Manager to amend the agreement with Project Partners by up to \$250,000; and
d - Authorize agreement with Oracle Corporation in an amount not to exceed \$600,000 for procurement of application licenses.**

8-1 Board Letter and Attachment

8-1 Presentation

- 8-2 Adopt CEQA determination and express support, if amended, for S. 1272 (Feinstein, D-CA) - Drone Federalism Act of 2017. (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 Authorize the General Manager to express support, if amended, for S. 1272.

8-2 Board Letter and Attachment

8-2 Presentation

8-3 Withdrawn

- 8-4 Adopt CEQA determination and express Metropolitan's support for California WaterFix; authorize participation in the construction of California WaterFix including payment of costs consistent with Metropolitan's 25.9 percent share of overall costs; authorize the General Manager to execute the following agreements having terms as described in this board letter: (1) Agreement for Implementation of an Adaptive Management Program for Project Operations, (2) Joint Powers Agreement Forming the Delta Conveyance Design and Construction Joint Powers Authority, and (3) Joint Powers Agreement Forming the Delta Conveyance Financing Joint Powers Authority; and adopt a Resolution authorizing the General Manager to participate in the Financing Joint Powers Authority, authorizing the purchase of private placement bonds from the California Department of Water Resources and issue public bonds by the Financing Joint Powers Authority, consistent with Metropolitan's share of 25.9 percent of the California WaterFix project costs, including an agreement to secure payment of Metropolitan's share.

Recommendation:**Option #1:**

Adopt the CEQA determination that the Board has reviewed and considered BDCP/California WaterFix environmental documentation; adopt the lead agency's findings, SOC, and MMRP; and
a - Express Metropolitan's support for California WaterFix and authorize participation in the construction of California WaterFix including payment of costs consistent with Metropolitan's 25.9 percent share of overall project costs;
b - Authorize the General Manager to Execute the following agreements having terms as described in the board letter dated October 10, 2017:

- (i) Agreement for Implementation of an Adaptive Management Program for Project Operations (AMP Agreement);

(ii) Joint Powers Agreement Forming the Delta Conveyance Design and Construction Joint Powers Authority (Construction JPA Formation Agreement);

(iii) Joint Powers Agreement Forming the Delta Conveyance Financing Joint Powers Authority (Financing JPA Formation Agreement); and

c - Adopt Resolution authorizing the General Manager to, as a member of the Financing Joint Powers Authority, authorize the purchase of private placement bonds from the California Department of Water Resources and issue public bonds by the Financing Joint Powers Authority, consistent with Metropolitan's share of 25.9 percent of the California WaterFix project costs, including an agreement to secure payment of Metropolitan's share.

8-4 Board Letter and Attachments8-4 Presentation**9. BOARD INFORMATION ITEMS**

- 9-1 Update on Conservation Program

9-1 Report

9-1 Presentation

10. OTHER MATTERS

10-1 Report on 2017 Department Head Salary Survey (Withdrawn)

10-2 Adopt the CEQA determination and discuss and approve compensation recommendations for General Manager, General Counsel, and General Auditor (Withdrawn)

11. FOLLOW-UP ITEMS

12. FUTURE AGENDA ITEMS

13. ADJOURNMENT

REVISED: Date of Notice: October 4, 2017

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**

5C



Regional Sewerage Program Policy Committee Meeting

AGENDA Thursday, October 5, 2017 4:00 p.m.

Location

Inland Empire Utilities Agency
Regional Plant No. 1
2662 E. Walnut
Ontario, CA 91761

Call to Order

Pledge of Allegiance

Public Comment


Changes/Additions/Deletions to the Agenda

- 1. Technical Committee Report (*Oral*)**
- 2. Action Item**
 - A. Approval of the September 7, 2017 Meeting Minutes
 - B. RP-1 Headworks Primary & Secondary Upgrades Construction Contract Award
- 3. Informational Items**
 - A. Regional Contract Update/Renewal (*Oral*)
 - B. Grants Department Semi-Annual Update
- 4. Receive and File**
 - A. Building Activity Update
 - B. Recycled Water Distribution – Operations Summary
 - C. Fourth Quarter FY2016/17 Budget Variance
- 5. Other Business**
 - A. IEUA General Manager's Update
 - B. Committee Member Requested Agenda Items for Next Meeting
 - C. Committee Member Comments
 - D. Next Meeting – November 2, 2017

6. Adjournment

DECLARATION OF POSTING

I, Laura Mantilla, Executive Assistant 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. in the foyer at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and at RP-1, 2662 E. Walnut Street, Ontario, CA on Monday, October 2, 2017.



Laura Mantilla

**AGENCY
REPRESENTATIVES'
REPORTS**

5D

**CHINO BASIN WATERMASTER
WATERMASTER BOARD MEETING**

11:00 a.m. – September 28, 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 Special Meeting held July 24, 2017
2. Minutes of the Watermaster Board Meeting held July 27, 2017

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of June 2017
2. Watermaster VISA Check Detail for the month of June 2017
3. Combining Schedule for the Period July 1, 2016 through June 30, 2017
4. Treasurer's Report of Financial Affairs for the Period June 1, 2017 through June 30, 2017
5. Budget vs. Actual Report for the Period July 1, 2016 through June 30, 2017
6. Cash Disbursements for the month of July 2017
7. Watermaster VISA Check Detail for the month of July 2017
8. Combining Schedule for the Period July 1, 2017 through July 31, 2017
9. Treasurer's Report of Financial Affairs for the Period July 1, 2017 through July 31, 2017
10. Budget vs. Actual Report for the Period July 1, 2017 through July 31, 2017

**C. PROFESSIONAL PUBLIC OUTREACH SERVICES AGREEMENT BETWEEN RAUCH
COMMUNICATION CONSULTANTS INC. AND CBWM**

Approve and authorize the General Manager to execute the contract on behalf of Watermaster.

D. OBMP SEMI-ANNUAL STATUS REPORTS 2016-2 AND 2017-1

Adopt the Semi-Annual OBMP Status Report 2016-2 and 2017-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

E. FONTANA WATER COMPANY APPLICATION FOR RECHARGE

Approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage.

F. WATER TRANSACTIONS

Approve the proposed transactions:

1. The purchase of 119.844 acre-feet of water from the City of Upland by Golden State Water Company, effective for FY 2016/2017. This purchase is made from the City of Upland's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover storage. Date of application: May 24, 2017.
2. The purchase of 138.156 acre-feet of water from West End Consolidated Water Company by Golden State Water Company, effective for FY 2016/2017. This purchase is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover storage. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares. Date of application: May 24, 2017.
3. The purchase of 1,474.258 acre-feet of water from West End Consolidated Water Company by the City of Upland, effective for FY 2016/2017. This purchase is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover storage. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares. Date of application: May 24, 2017.
4. The purchase of 6,000.000 acre-feet of water from the City of Upland by Fontana Water Company, effective for FY 2016/2017. This purchase is made from the City of Upland's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover storage. Date of application: June 14, 2017.
5. The permanent transfer of 18.789 acre-feet from Angelica Corporation to 9W Halo Western OpCo L.P. This transfer is contingent on 9W Halo Western OpCo L.P.'s successful intervention into the Overlying (Non-Agricultural) Pool. Date of application: July 6, 2017.

G. FIRST AMENDMENT TO THE MASTER RECHARGE FACILITIES FINANCING AGREEMENT

Approve and authorize the General Manager to execute the amendment on behalf of Watermaster.

H. SCADA INSTALLATION, MONITORING AND REIMBURSEMENT LETTER AGREEMENT BETWEEN WATERMASTER AND MONTE VISTA WATER DISTRICT

Approve the proposed SCADA Installation, Monitoring and Reimbursement Letter Agreement between Watermaster and MVWD and authorize the General Manager to execute the agreement on behalf of Watermaster.

II. BUSINESS ITEMS**A. DESALTER REPLENISHMENT OBLIGATION ALLOCATION**

Adhere to the Advisory Committee's recommendation to delay establishing a methodology for allocating Desalter Replenishment Obligation among parties.

B. EVAPORATIVE LOSSES TO SUPPLEMENTAL WATER RECHARGE IN CHINO BASIN

Adopt the amendment of the Rules and Regulations by adding section 7.2(d) to account for evaporative losses to all supplemental water delivered to Recharge Basins at a rate of 1.5% during the Rainy Season (November through March) and 4.2% during the Dry Season (April through October) beginning on October 1, 2017. Further, that evaporative losses be re-evaluated on a periodic basis as more data becomes available.

C. 2016 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE

Approve the 2016 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

- D. MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE PROJECTS**
Approve the proposed Master Agreement between Chino Basin Watermaster and Inland Empire Utilities Agency Regarding the Management of Collaborative Projects and authorize the General Manager to execute the agreement on behalf of Watermaster.
- E. TASK ORDER NO. 1 UNDER THE MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE PROJECTS (SALINITY MANAGEMENT)**
Approve Task Order No. 1 (Salinity Management) and authorize the General Manager to execute the agreement on behalf of Watermaster.
- F. FISCAL YEAR 2016/17 BUDGET TRANSFER (FORM T-17-06-01)**
Adopt Budget Transfer Form T-17-06-01 for FY 2016/17 as presented.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

- 1. Appeal of April 28, 2017 Order
- 2. Hearing on Motion to Confirm Stay Pending Appeal

B. ENGINEER REPORT

- 1. Storage Workshop
- 2. Other Efforts

C. CFO REPORT

- 1. Status of FY 16/17 Audit Report

D. GM REPORT

- 1. Pump to Waste Reporting
- 2. DYY Program Update
- 3. Santa Ana River Update
- 4. Other

IV. INFORMATION

- 1. Cash Disbursements for August 2017

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

09/28/17	Thu	8:30 a.m.	2017/18 GLMC Implementation Planning
09/28/17	Thu	11:00 a.m.	Watermaster Board
10/05/17	Thu	10:00 a.m.	Storage Workshop #4
10/12/17	Thu	9:00 a.m.	Appropriative Pool
10/12/17	Thu	11:00 a.m.	Non-Agricultural Pool

10/12/17	Thu	1:30 p.m.	Agricultural Pool
10/19/17	Thu	8:00 a.m.	Appropriative Pool Strategic Planning
10/19/17	Thu	9:00 a.m.	Advisory Committee
10/26/17	Thu	11:00 a.m.	Watermaster Board


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: October 18, 2017

To: The Honorable Board of Directors

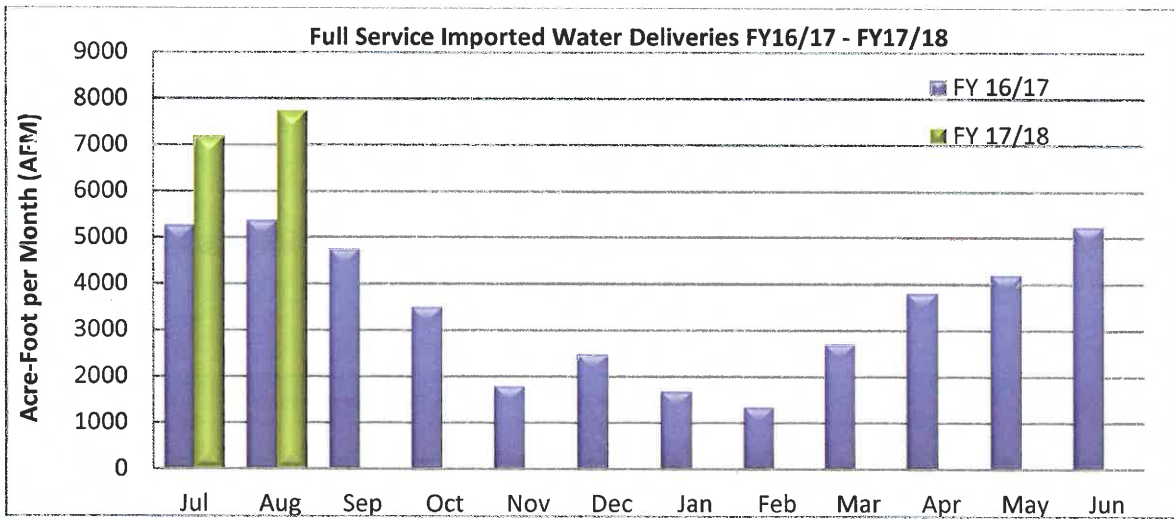
From: P. Joseph Grindstaff, General Manager 

Subject: General Manager's Report Regarding Agency Activities

PLANNING & ENVIRONMENTAL RESOURCES

Imported Water

For FY2017/18, the full service imported water deliveries for the month of August were higher compared to FY2016/17.



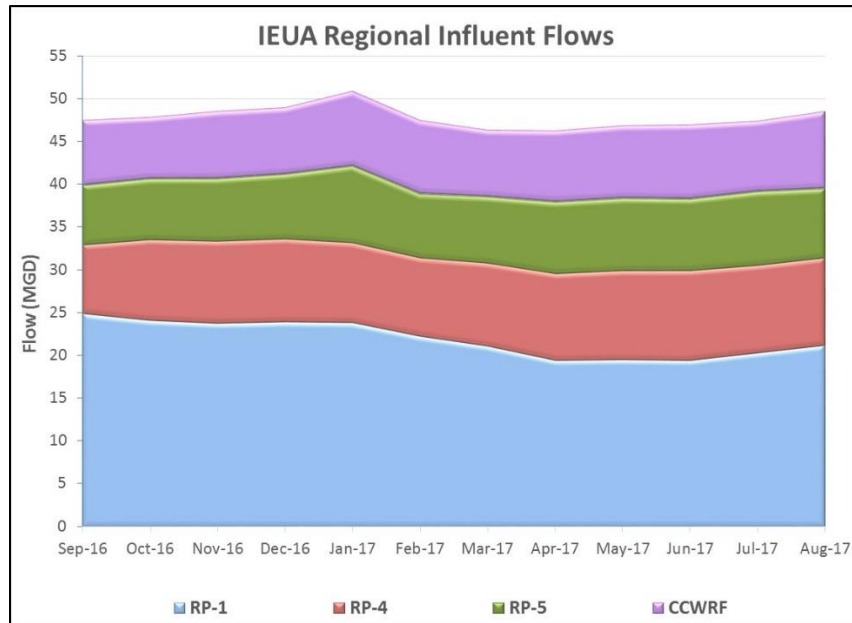
Wastewater

RP-1, RP-4, and CCWRF met all the NPDES requirements and effluent / recycled water limitations during the month of August 2017.

The effluent grab sample collected at M-003 on August 19, 2017 resulted in a sample exceeding 240 MPN/100 mL. IEUA staff has concluded that the anomalous coliform value may have been caused by sample contamination during sample collection and is not representative of the RP-5 effluent. Operations staff was recently retrained on sample collection protocols for compliance samples on August 2, 2017. Additionally, separate coliform sample coolers have been used since July 2017 to protect coliform samples from cross contamination during transport and delivery to the RP-1 laboratory.

1. The Agency-wide average wastewater influent flow for the month of August 2017 was 48.5 million gallons per day (mgd), which is a 1.1 mgd increase from the July 2017 total influent flow.

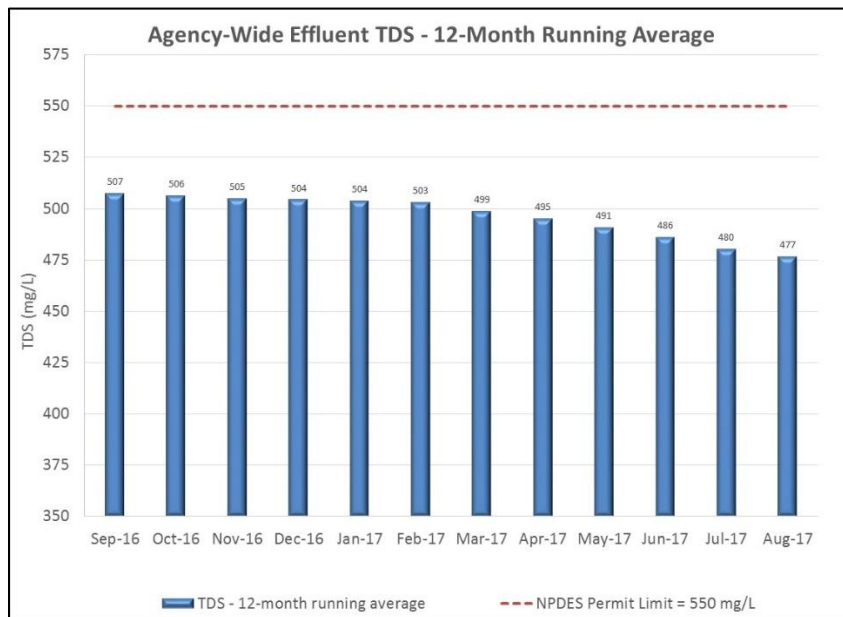
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- The discharge permit effluent limit for total inorganic nitrogen (TIN) is 8 mg/L. The 12-month running average TIN value for August 2017 was 6.0 mg/L.

The discharge permit effluent limit for total dissolved solids (TDS) is 550 mg/L. The 12-month running average TDS value for August 2017 was 477 mg/L.

2



2

Air Quality

With regards to air quality compliance for September 2017, SCAQMD conducted on-site inspections of RP-5, RP-2, and RP-1 on September 6th, and IERCF on September 7th. The Agency is still in the process of providing data to SCAQMD as it is requested. No compliance determinations have yet been made.

INLAND EMPIRE REGIONAL COMPOSTING FACILITY UPDATE

Operational Comments

Facility throughput for September averaged approximately 79% of permitted capacity at an average of 378 tons per day of biosolids and 87 tons per day of amendments (based on a 30-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	5,323.90	46,313.67
IEUA	4,459.17	49,613.94
OCSD	1,542.18	10,484.28
TOTAL	11,325.25	106,411.89

Compost Sales

Sales volumes were lower in September compared to the same period last year due to a slower start of the agriculture season. However, revenues increased due to more market diversification. Sales are expected to increase to approximately 26,000 cubic yards per month through the end of the year due to the beginning of the agriculture season. Compost inventory in the storage facility is 19,285 cubic yards of finished material.

Monthly Sales Summary

CUBIC YARD	\$/CUBIC YARD	TOTAL REVENUE
16,170.64	\$2.17	\$35,038.33

Fiscal Year-To-Date Sales Summary

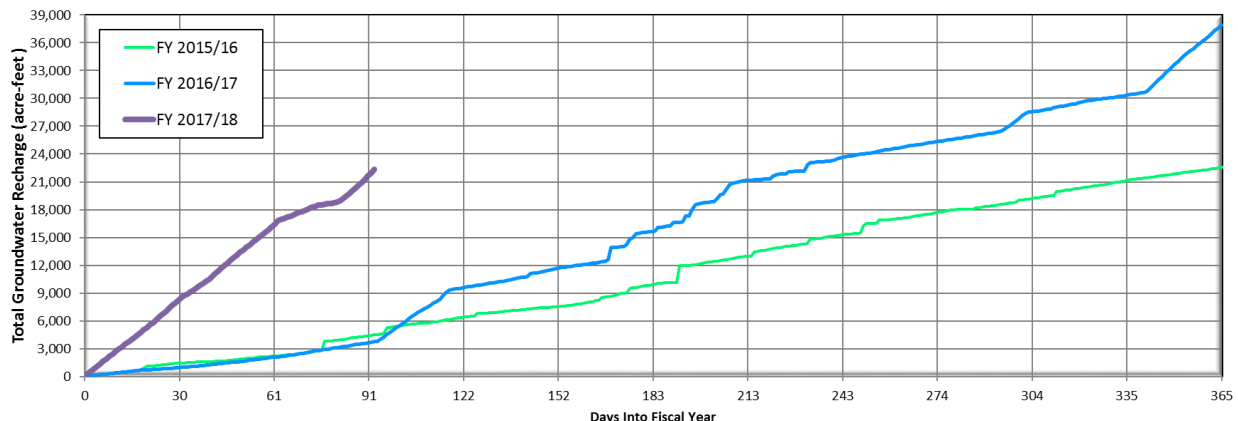
MONTH	TOTAL YARDS 2017/2018	TOTAL YARDS 2016/2017	TOTAL REVENUE 2017/2018	TOTAL REVENUE 2016/2017
July	21,518.61	14,898.82	\$31,737.00	\$27,554.05
August	19,226.62	13,973.73	\$37,071.78	\$32,185.36
September	16,170.64	28,277.42	\$35,038.33	\$25,161.07
October		33,118.70		\$30,402.44
November		36,746.25		\$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	56,915.87	251,701.65	\$103,847.11	\$351,073.06
AVERAGE	18,971.96	20,975.14	\$34,615.70	\$29,256.09

GROUNDWATER RECHARGE

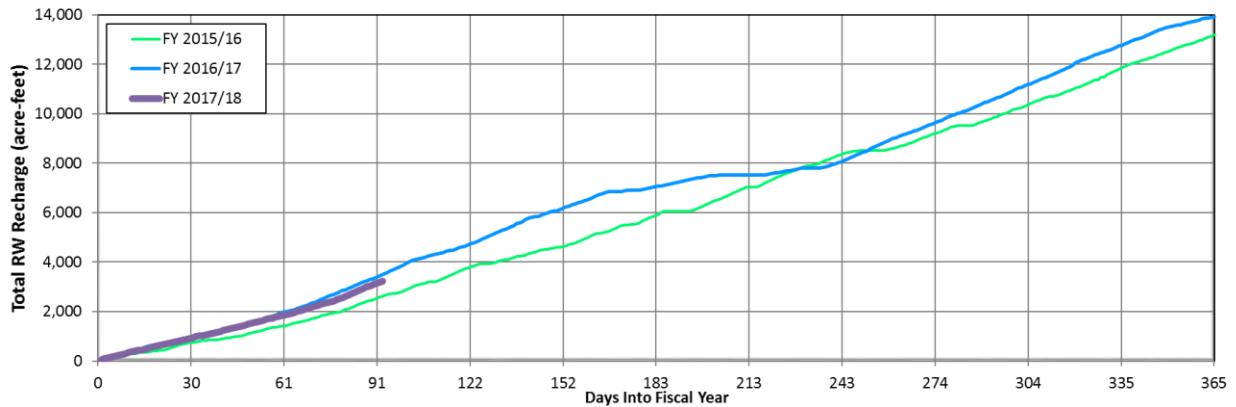
Groundwater Recharge – September 2017 (preliminary)

During September 2017, recycled water recharge totaled 1,306.7 acre-feet. There was 3,793.8 acre-feet of imported water recharge recharged for the MWD Dry Year Yield Program. Miscellaneous water captured in the recharge basins totaled 56 acre-feet from local runoff and well discharges. There were no rain events. 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 – September 2017



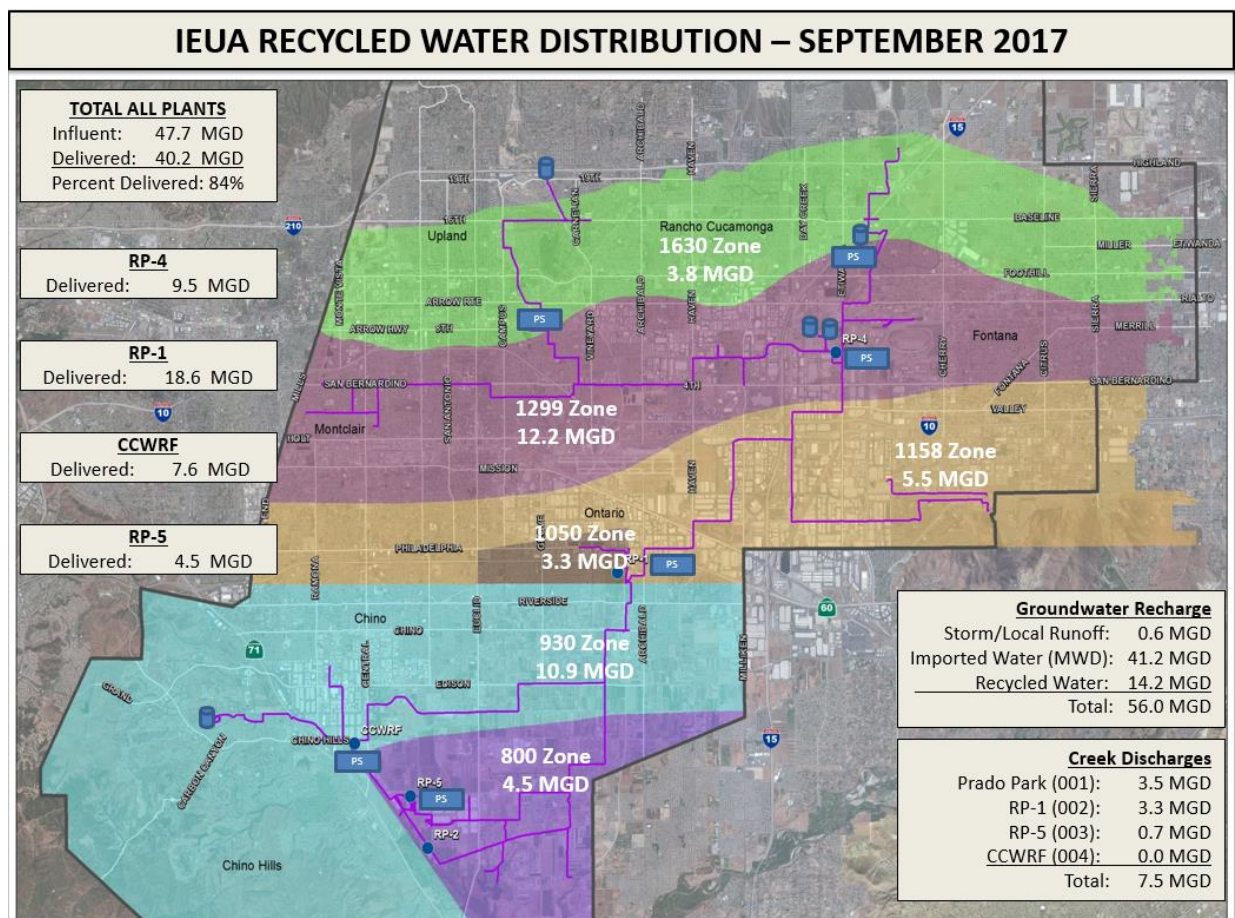
Recycled Water Delivered to Groundwater Recharge – September 2017



RECYCLED WATER

RW Distribution – September 2017 (Preliminary)

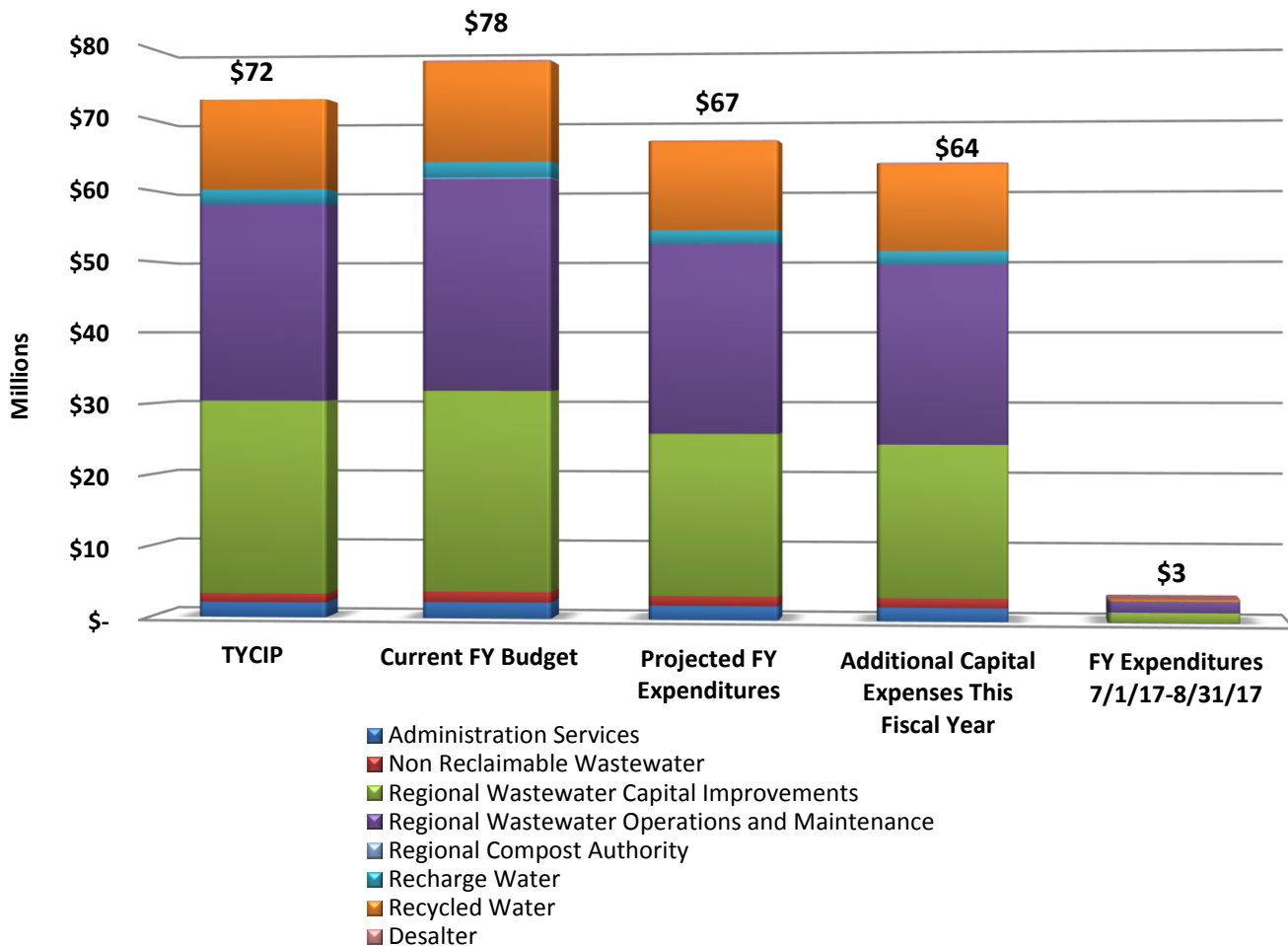
During September 2017, 84% (40.2 MGD) of IEUA recycled water supply (47.7 MGD) was delivered into the distribution system for both direct use customers (26 MGD) and groundwater recharge (14.2 MGD). Plant discharge to creeks feeding the Santa Ana River averaged 7.5 MGD.



ENGINEERING DESIGN & CONSTRUCTION

For FY 2017/18, the original TYCIP for Engineering and Construction Management was \$72,323,068. During the budget rollover process, the FY 2017/18 budget was amended to \$77,584,307. As of the 1st Quarter FY 2017/18 Capital Call update, staff revised projected spending to be \$66,775,261, of which \$3,226,046 has been expended. The following charts summarize the project status update for FY 2017/18.

Engineering and Construction Management FY 2017/18 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:

None since the last meeting.

Grant/Loan Application Submitted:

1. An application was submitted on August 14, 2017, to the California Water Commission (CWC) for the 2017 Water Storage Investment Program Proposition 1 Grant program. IEUA staff is responding to questions from the review committee.

Grant/Loan Applications in Process:

1. State Water Resources Control Board (SWRCB): SRF Loan Application for Chino Basin Watermaster Recharge Master Plan Update (RMPU) Planning and Construction Project
2. SWRCB: SRF Loan Application for the RP-1/RP-5 Construction Project
3. SWRCB: SRF Loan Application for Monte Vista Water District (MVWD) Recycled Water Project

Grant/Loan Agreement Negotiation:

Grants staff have been negotiating two Proposition 1 grant agreements with the SWRCB, including:

1. \$11.4M South Archibald Cleanup
2. \$10M Stormwater Implementation

Grants staff have also been negotiating State Revolving Fund (SRF) loan agreements for two of the following seven recycled water capital improvement projects with the SWRCB, including:

1. San Sevaine Basin Improvements
2. Napa Lateral

It is anticipated that funding agreements will be received by the end of fall 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:

- US Bureau of Reclamation (USBR) – Chino Basin Desalter Authority (CDA) Wellfield Development, Wells 1, 2, and 3 Grant – Invoice #23 for \$70,000.

- SWRCB Proposition 50 grant final invoice – A final invoice of \$13.8 million was submitted in September 2017 to the SWRCB. IEUA has a grant administration agreement with the CDA to manage the SWRCB Division of Drinking Water Proposition 50 grant award of \$53.8 million. The grant includes 10 CDA Expansion Project phases, including a system of wells, pump stations, pipelines and a concentrate reduction facility. A final funding project inspection by SWRCB will be scheduled soon.

Other Department Activities:

In September, staff participated in the following additional activities:

Site Visit – The SWRCB came for a site visit for the Water Quality Lab Project on September 12, 2017. IEUA staff, including project managers Jamal Zughbi and Gary Dix, provided the State with information on the status of the project including:

- Total Project Budget: \$24.6M
- Project Completion: August 2018
- Percentage Complete: 50%

The SWRCB checked for compliance with the loan contract and took a tour of the construction site.



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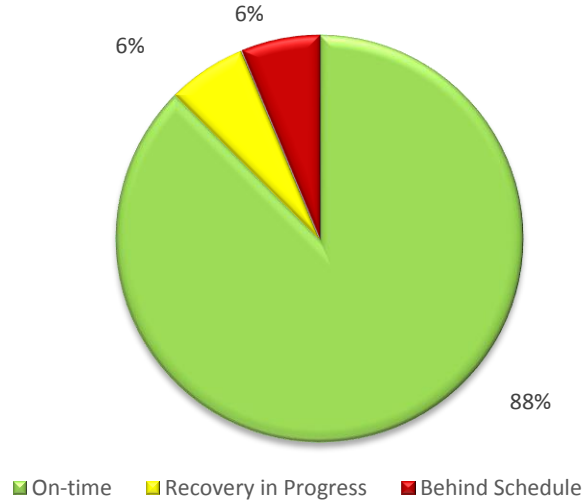
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Attachment A
Bid and Award Look Ahead Schedule

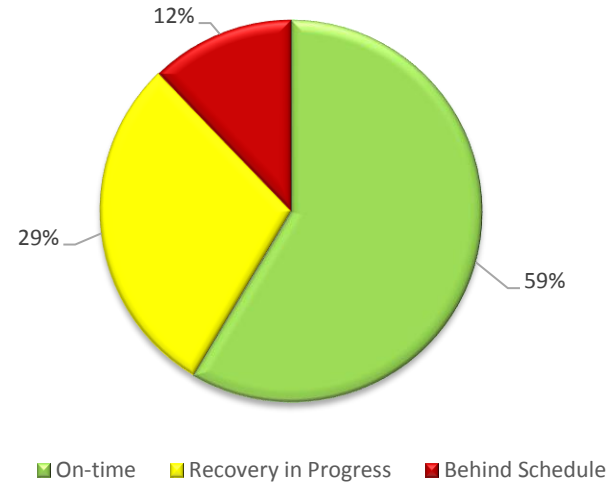
Bid and Award Look Ahead Schedule			
	Project Name	Projected Bid Opening Date	Projected Bid Award Date
	Nov-17		
1	EN17044.00 RP-1 Power Reliability Generator Control Upgrades	12-Sep-17	15-Nov-17
2	EN17110.01 RP-4 Trident Filters Rehabilitation and Replacement	22-Sep-17	15-Nov-17
3	EP17003.00 RP-1 Training Room	29-Sep-17	15-Nov-17
4	CP16003.00 Headquarters Roofing Replacement	6-Oct-17	16-Nov-17
	Dec-17		
5	PA17006.02 RP-5 Aeration Diffuser Panel Replacement	18-Oct-17	20-Dec-17
6	EN13048.00 RP-1 Power System Upgrades	10-Nov-17	20-Dec-17
	Jan-18		
7	WR15021.00 Napa Lateral	16-Oct-17	17-Jan-18
8	EN11039.00 RP-1 Disinfection Pump Improvements	7-Nov-17	17-Jan-18
9	EN17039.00 8th St. Basin RW Turnout Discharge Retrofit	27-Nov-17	17-Jan-18
10	EN14043.00 RP-5 RW Pipeline Bottleneck	15-Dec-17	17-Jan-18
11	EN18052.00 RP-1 Dewatering Building Foam Suppression System Expansion	4-Jan-18	17-Jan-18
	Feb-18		
12	RW15003.05 RP-3 Basin Improvements	10-Nov-17	21-Feb-18
	Mar-18		
13	EN17042.00 Digester 6 and 7 Roof Repairs	26-Jan-18	21-Mar-18
	Apr-18		
14	EN18039.00 RP-1 Lighting Pole Replacements	9-Apr-18	30-Apr-18
	May-18		
15	RW15003.06 Wineville/Jurupa/Force Main Improvements	23-Feb-18	23-May-18
16	RW15004.00 Lower Day Basin Improvements	1-Mar-18	23-May-18
	Jun-18		
17	RW15003.02 Victoria Basin Improvements	1-Mar-18	20-Jun-18
18	RW15003.03 Montclair Basin Improvements	8-Mar-18	20-Jun-18
19	EN15012.00 RP-1 Primary Effluent Conveyance Improvements	22-Mar-18	20-Jun-18
20	EN17077.00 SBLS Emergency Diversion	12-Jun-18	20-Jun-18
	Jul-18		
21	EN18006.00 RP-1 Flare Improvements	24-May-18	18-Jul-18
	Aug-18		
22	RW15003.04 CSI Basin Improvements	3-May-18	22-Aug-18
	Sep-18		
23	EN14042.00 RP-1 1158 RWPS Upgrades	6-Jul-18	19-Sep-18
24	EN17082.00 RP-1 Mechanical Restoration and Upgrades	6-Jul-18	19-Sep-18
	Oct-18		
25	EN17049.00 Baseline RWPL Extension	10-Sep-18	17-Oct-18

Attachment B
 Active Capital Improvement Project Status

Construction Schedule Performance



Design Schedule Performance



Agency-Wide							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
1	EN13016	SCADA Enterprise System (EN13016.02, 03, 04)	5,956,164	15,803,331	Recovery in Progress	Pre-Design	The design-build contract for the RP-4 and RP-5 migrations was approved by the Board of Directors on August 16, 2017. The baseline project schedule provided by the contractor shows construction completion at each site that is well within the expected duration of each facility migration. The project schedule is expected to be fully recovered.
2	EN16070	Agency wide Sewage Pumps Efficiencies Improvements Ph II (EN16070.01)	154,802	350,000	On-time	Construction	
3	EN17034	Agency wide Lighting Improvements - Phase 2	1,101,966	1,400,000	On-time	Construction	
4	EN17052	RP-1 and RP-4 Safety Improvements	214,890	949,000	On-time	Construction	
5	EN17053	Agency wide Recycled Water Pumps Overhaul Services Ph II (EN17053.01)	238,096	625,000	On-time	Construction	
Totals			7,665,918	19,127,331			

Carbon Canyon Wastewater Regional Facility (CCWRF)							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
6	EN17006	CCWRF Odor Control and Headworks Replacements	468,949	23,421,951	On-time	Pre-Design	
7	EN17072	CCWRF Airduct Modifications	25,458	50,000	Recovery in Progress	Design	The design received from the consultant was not feasible. Staff is proceeding with an alternative in-house design and hence the delay. A revised baseline schedule will be created accordingly.
8	EN18036	CCWRF Asset Management and Improvements - Package III	1,339	2,420,000	On-time	Project Evaluation	
9	EN18037	CCWRF Asset Management and Improvements - Package II	980	950,000	On-time	Project Evaluation	
Totals			496,726	26,841,951			
Chino Desalter Authority (CDA)							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
10	DL37140	CDA IX Piping Replacement	17,551	125,000	On-time	Bid & Award	
11	DL37141	CDA Structures Coating	8,578	195,000	On-time	Construction	
12	EN16021	TCE Plume Cleanup	9,493,943	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			9,520,071	17,614,171			
Collections							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
13	EN17014	NRWS Manhole Upgrades - 16/17	92,196	350,000	On-time	Construction	
14	EN17015	Collection System Upgrades 16/17	34,118	500,000	On-time	Construction	
15	EN17050	Septic Conversion PDR	-	1,000,000	N/A	Project Evaluation	
16	EN18023	NRWS Philadelphia Pump Station Pump 3 Improvements	1,798	250,000	On-time	Design	
17	EN22002	KNEW East End Flowmeter Replacement	111,045	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			239,157	4,086,985			

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Groundwater Recharge							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
18	EN13001	San Savaine Basin Improvements	773,754	6,460,001	On-time	Construction	
19	EN14047	GWR and RW SCADA Control Upgrades	590,841	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.
20	EN17067	Declez Monitoring Well Project	68,279	360,000	On-time	Bid & Award	
21	RW15003	Recharge Master Plan Update Projects	1,344,796	7,490,500	On-time	Design	
22	RW15004	Lower Day Basin RMPU	279,548	4,008,000	On-time	Design	
Totals			3,057,218	19,250,501			
Headquarters							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
23	CP16003	Headquarters Roofing Replacement	113,213	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 in order to avoid wet weather risk impacts to the project. Site construction activities will be scheduled to begin April 2018.
24	EN16049	Conference Rooms Audio Visual Upgrades	822,190	1,351,477	On-time	Construction	
Totals			935,404	2,747,299			
Recycled Water							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
25	EN15002	1158 Reservoir Site Cleanup	26,448	1,300,000	Recovery in Progress	Project Evaluation	The status of the Resource Conservation and Recovery Act (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.
26	EN16034	RW Pressure Sustaining Valve Installation	32,011	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.
27	EN17039	8th St. Basin RW Turnout Discharge Retrofit	52,613	275,000	On-time	Design	
28	EN17041	Orchard Recycled Water Turnout Improvements	5,115	125,000	On-time	Design	
29	EN17046	1630 East Pump Station Upgrades	43,933	300,000	NA	Design	
30	EN17049	Baseline RWPL Extension	18,850	4,950,000	Recovery in Progress	Consultant Contract Award	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.
31	WR15021	Napa Lateral	115,140	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			294,109	13,850,000			

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Regional Water Recycling Plant No. 1 (RP-1)							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
32	EN11039	TP-1 Disinfection Pump Improvements	547,906	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.
33	EN13048	RP-1 Power System Upgrades	441,755	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.
34	EN14019	RP-1 Headworks Gate Replacement	1,056,940	10,350,000	Behind Schedule	Bid & Award	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 eight months behind the schedule and the time is lost. Recovery is not possible.
35	EN14042	RP-1 1158 RWPS Upgrades	290,190	4,000,000	On-time	Design	
36	EN15012	RP-1 East Primary Effluent Pipe Rehab	369,933	3,015,598	Recovery in Progress	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.
37	EN15013	RP-1 TWAS and Primary Effluent Piping Replacement 2014	306,544	624,228	On-time	Construction	
38	EN16024	RP-1 Mixed Liquor Return Pumps	5,368,623	6,636,000	Recovery in Progress	Construction	The project is 60 days behind schedule. Thirty days are due to the Pioneer (Supplier of the Power Center's) being unresponsive. The additional thirty 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.
39	EN17040	RP-1 Aeration Basin Panel Repairs	194,867	1,346,269	On-time	Construction	
40	EN17042	Digester 6 and 7 Roof Repairs	390,431	3,800,000	Recovery in Progress	Pre-Design	The addition of Digester No. 1 cleaning to the scope pushed out the start of Digester No. 6 and 7 cleaning. The lost time will be recovered during subsequent phases.
41	EN17044	RP-1 Power Reliability Building Controls Upgrades	161,727	1,500,000	On-time	Bid & Award	
42	EN17045	RP-1 Filter Valve Replacement	2,645	650,000	On-time	Project Evaluation	
43	EN17047	RP-1 Dewatering Silo/Conveyor Safety Improvement Repairs	66,423	231,000	On-time	Construction	
44	EN17048	RP-1 Dewatering Vertical Conveyor Repairs	161,888	375,000	On-time	Construction	
45	EN17059	RP-1 Iron Sponges Installation	153,640	600,000	On-time	Construction	
46	EN17077	SBLS Emergency Diversion	15,257	525,000	On-time	Pre-Design	
47	EN17080	System Cathodic Protection Improvements	14,084	3,510,000	On-time	Consultant Contract Award	
48	EN17082	RP-1 Mechanical Restoration and Upgrades	26,988	1,515,000	On-time	Consultant Contract Award	
49	EN18006	RP-1 Flare Improvements	215,490	5,380,000	Recovery in Progress	Design	The project is slightly behind schedule due to extensive effort applied during the pre-design 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.
50	EN18039	RP-1 Lighting Pole Replacements	2,587	220,000	On-time	Project Evaluation	
51	EN18040	RP-1 Maintenance Building HVAC Replacement	-	650,000	On-time	Project Evaluation	
52	EN18052	RP-1 Dewatering Building Foam Suppression System Expansion	-	-	On-time	Design	
53	EP17003	RP-1 Training Room	35,621	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. Project is currently out for bid, bid opening is set for 10-17-2017.
Totals			9,823,538	52,652,462			

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Regional Water Recycling Plant No. 2 (RP-2)							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
54	EN17065	Microturbine Design-Build	15,696	2,210,000	N/A	Design	
Totals			15,696	2,210,000			
Regional Water Recycling Plant No. 4 (RP-4)							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
55	EN14018	RP-4 Disinfection System Retrofit	1,592,980	2,678,042	On-time	Construction	
56	EN17043	RP4 Primary Clarifier Rehab	58,939	6,560,900	On-time	Pre-Design	
57	EN17110	RP-4 Process Improvements	255,678	17,521,763	On-time	Pre-Design	
58	EN18038	RP-4 Operations and Maintenance Building	599	450,000	On-time	Project Evaluation	
Totals			1,908,196	27,210,705			
Regional Water Recycling Plant No. 5 (RP-5)							
No.	Project ID	Project Title	Total Expenditures thru 8/31/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
59	EN11031	RP-5 Flow Equalization and Effluent Monitoring	1,376,765	3,397,200	On-time	Construction	
60	EN14043	RP-5 RW Pipeline Bottleneck	357,817	2,756,637	On-time	Bid & Award	
61	EN15008	Water Quality Laboratory	10,072,519	24,645,000	On-time	Construction	
62	EN19001	RP-5 Expansion to 30 mgd	77,386	175,000,000	On-time	Design	
63	EN19006	RP-5 Biosolids Facility	53,489	165,000,000	On-time	Design	
Totals			11,937,976	370,798,837			
Overall Totals			45,910,982	556,390,242			

Attachment C

September 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	RP-1 RW Hose Bib Riser Repairs	Upper management performed a site walk of RP-1 and identified several leaks coming from the underground RW system and wanted these items repaired as soon as possible	<ol style="list-style-type: none"> 1. Excavate the areas where the leaks have been reported and are evident at the surface (one in asphalt pavement, one within a concrete sidewalk, and two directly adjacent to the Secondary Clarifiers) 2. Make all necessary repairs to the RW system at the point of failure and restore the area to original condition 3. Shoring may be required as the RW system in and around the clarifiers has been found to be six or seven feet deep on parast repairs. 4. A vacuum excavation may be required along side the southwesterly Clarifier; an adjacent side slope may prevent excavation by normal methods. The Contractor will need to remove shrubs and overgrowth in this area prior to the start of work 5. Permits are not required and work shall begin immediately tomorrow morning 6. Coordination with plant operations and the existing RW system is required before any pipe is cut, removed, or replaced. The Contractor shall do so through communication with the Project Manager 7. Contractor shall dispose of all materials (new and/or existing) from the site when complete 8. Backfill, compact, and resurface in kind 	RP-1	9/13/2017	48,000
Ferreira Construction	Eucalyptus Ave. Valve Adjustments and Concrete Bollard Adds	Valves and other importance infrastructure on the RW system within Eucalyptus Ave. were buried and/or damaged at one point by vehicular impact. IEUA has a need to isolate this system to perform routine checks and often times cannot locate valves. Additionally, protective bollards will be added around the above grade structures to prevent future damage	<ol style="list-style-type: none"> 1. Remove and replace a concrete riser box with the same box located on the north shoulder, adjust to grade and install 6" diameter bollards for protection 2. Expose the valve cluster on the south shoulder of Eucalyptus, raise valve cans to grade and construct a concrete slab slightly above the surrounding ground 3. Provide additional bollards around IEUA infrastructure as needed (anticipate adding three (3) total) 4. Permits with the City of Chino shall be included with the price and must be obtained by the Contractor prior to the start of work 	Agency-wide	9/20/2017	9,293
Trautwein Construction	RP-1 12" Hot Water Loop Leak/Repair- CO for EN17019.08	After repairing the hot water loop for the Digester system a month prior (on EN17019.08), operations staff noticed an additional leak coming from the same area and further reported an unusual amount of water loss in the system, so Trautwein was called back to investigate. We found additional leaks on the 12" steel line and made the appropriate repair	Change order to EN17019.08	RP-1	6/1/2017	40,000
Total						97,293

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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 8/31/2017	Date of Award	Status
CDA									
1	CDA000000012	W.A. Rasic Construction	Raw Water Line Repair	CDA	TO-035	8,000		7/18/2016	Complete
CCWRF									
2	EN17019.10	W.A. Rasic Construction	Carbon Canyon WRF Chlorine Line Leak Repair	CCWRF	TO-046	5,000	4,720	5/2/2017	Complete
3	EN17018.08	W.A. Rasic Construction	CCWRF Underground Chlorine Pipe Leak	CCWRF	TO-051	6,500	14,317	6/13/2017	Active
RP-1									
4	EN17019.08	Trautwein	RP-1 12" Hot Water Loop Leak/Repair	RP-1	TO-004	9,495	33,879	3/22/2017	Complete
5	EN0000000023	Johnson Power	Backup Generator Rental	RP-1	-	34,193		3/6/2017	Complete
RP-4									
6	EN17019.03	W.A. Rasic Construction	RP-4 Raw Screening Area	RP-4	TO-039	12,400	12,400	11/9/2016	Complete
7	EN17019.11	Ferreira Construction	RP-4 Biofilter Sump Pump Leak	RP-4	TO-021	8,500	8,078	6/27/2017	Active
RP-5									
8	EN17017.05	W.A. Rasic Construction	RP-5 Recycled Water Line	RP-5	TO-052	38,000	4,250	6/21/2017	Active
Agency-Wide									
9	EN17017.04	Ferreira Construction	Edison Ave. RW AV & Blowoff Repair	Agency-Wide	TO-020	25,000	1,192	5/26/2017	Complete
10	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
11	EN17018.05	W.A. Rasic Construction	Marlay Ave. Drop MH Repair	Agency-Wide	TO-045	5,000	15,035	4/20/2017	Complete
12	EN17018.06	Trautwein Construction	Sinkhole over 72" Cucamonga Interceptor Sewer in Ontario	Agency-Wide	TO-005	20,000	16,766	5/22/2017	Complete
13	EN17018.07	W.A. Rasic Construction	Sinkhole over 33" Westside Interceptor Schaefer Avenue	Agency-Wide	TO-049	22,000	17,194	5/24/2017	Complete
					Totals	203,439	138,131		
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 8/31/2017	Date of Award	Status
Recycled Water									
1	EN18017.01	W.A. Rasic Construction	Prologis RW Leak	RW	TO-055	29,500	138	7/19/2017	Active
Agency wide									
2	EN18019.01	W.A. Rasic Construction	Replace a manhole ring at 7400 block of Kimball Ave	Agency-Wide	TO-054	8,500	1,012	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	1,006	7/31/2017	Active
4	EN18017.02	W.A. Rasic Construction	14-inch Pipe & Valve Replacement	Agency-Wide	TO-058	50,000	1,342	8/16/2017	Active
5	EN18017.04	Ferreira Construction	Eucalyptus Ave. Valve Adjustments and Concrete Bollard Adds	Agency-Wide	TO-024	9,293	0	9/20/2017	Active

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FY17/18 Emergency Projects (continued)									
RP-1									
5	EN18019.03	Ferreira Construction	RP-1 Sodium Hypochlorite Tank Leak	RP-1	TO-023	25,000	2,181	8/22/2017	Active
6	EN18017.03	W.A. Rasic Construction	RP-1 RW Hose Bib Riser Repairs	RP-1	TO-060	48,000	0	9/13/2017	Active
7	EN18019.04	Trautwein Construction	RP-1 12" Hot Water Loop Leak/Repair- CO for EN17019.08	RP-1	CO-0001	40,000	0	6/1/2017	Active
					Totals	228,793	5,679		