



**AGENDA**

**MEETING OF THE  
BOARD OF DIRECTORS**

**WEDNESDAY, AUGUST 21, 2019  
10:00 A.M.**

**INLAND EMPIRE UTILITIES AGENCY\*  
AGENCY HEADQUARTERS  
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 are 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. NEW EMPLOYEE INTRODUCTIONS**

- Mr. David Ta, Wastewater Treatment Plant Operator-in Training, hired August 12, 2019, Operations & Maintenance – North.
- Ms. Miriam Garcia, Office Assistant, hired July 29, 2019, Agency Management.

## 2. **PROMOTIONS/RECOGNITIONS**

Promotions:

- Mr. James McShane, Electrical & Instrumentation Technician III, promoted June 2, 2019, Operations and Maintenance – North.
- Kenneth Tam, Senior Engineer, promoted July 14, 2019, Planning & Environmental Compliance.
- Jennifer Hy-Luk, Administrative Assistant II, promoted August 11, 2019, Agency Management.

## 3. **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 June 19, 2019 Board meeting and July 17, 2019 Board meeting.

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

Staff recommends that the Board approve the total disbursements for the month of June 2019, in the amount of \$19,764,929.64.

### C. **RP-5 EXPANSION DESIGN CONTRACT AMENDMENT** *(Eng/Ops/WR)* *(Fin/Admin)*

Staff recommends that the Board:

1. Approve a consulting engineering services contract amendment for the RP-5 Expansion, Project Nos. EN19001 and EN19006, to Parsons Water and Infrastructure Inc., in the amount of \$517,494; and
2. Authorize the General Manager to execute the consulting engineering services contract amendment, subject to non-substantive changes.

**D. PROJECT MANAGEMENT AND ENGINEERING SUPPORT SERVICES CONTRACT AGGREGATION (Eng/Ops/WR) (Fin/Admin)**

Staff recommends that the Board:

1. Approve consultant services contract amendments for the following contracts for an aggregate amount of \$600,000; and
  - 4600002051 Wallace & Associates Consulting, Inc.
  - 4600002052 Carollo Engineers, Inc.
  - 4600002152 MWH Constructors
  - 4600002054 GK & Associates
2. Authorize the General Manager to execute the contract amendment, subject to non-substantive changes.

**E. RP-1 DIGESTER NO. 6 REPAIRS PROJECT CONSTRUCTION CHANGE ORDER (Eng/Ops/WR)**

Staff recommends that the Board:

1. Approve a construction change order for the RP-1 Digester 6 Repairs, Project No. EN17042, to W.A. Rasic Construction, Inc., for the not-to-exceed amount of \$160,000; and
2. Authorize the General Manager to execute the change order, subject to non-substantive changes.

**F. RP-1 DIGESTER GAS REPAIRS EMERGENCY PROJECT (Eng/Ops/WR)**

Staff recommends that the Board:

1. Ratify the emergency project approval for the RP-1 Digester Gas Repairs in the amount of \$111,600; and
2. Authorize the General Manager to approve the emergency task order, subject to non-substantive changes.

**G. PAVEMENT MANAGEMENT MASTER SERVICES TASK ORDER (Eng/Ops/WR)**

Staff recommends that the Board:

1. Award Task Order No. 001 to Bucknam Infrastructure Group for a not-to-exceed amount of \$101,394; and
2. Authorize the General Manager to execute the task order, subject to non-substantive changes.

H. **RATIFICATION OF CONTRACT AMENDMENT FOR ELY BASIN INFILTRATION RESTORATION** *(Eng/Ops/WR) (Fin/Admin)*

Staff recommends that the Board:

1. Ratify Contract Amendment No. 4600002733-001 to Jeremy Harris Construction, Inc. for the Ely Basin Infiltration Restoration Services for \$280,500 and a not-to-exceed total contract value of \$529,050; and
2. Ratify a budget amendment for FY 2018/19 Groundwater Recharge professional fees budget in the amount of \$280,500 to support the proposed cost of the Ely Basin cleaning.

I. **RATIFICATION OF CONTRACT AMENDMENT FOR RP-3 BASIN INFILTRATION RESTORATION** *(Eng/Ops/WR)*

Staff recommends that the Board:

1. Ratify Contract Amendment No. 4600002713-002 with Jeremy Harris Construction, Inc. in the amount of \$89,443.28 for the RP-3 Basin Infiltration Restoration Services; and
2. Authorize the General Manager to execute the amendment.

J. **INCREASE THE NUMBER OF ALTERNATE APPOINTMENTS ON THE INLAND EMPIRE UTILITIES AGENCY COMMITTEES**

The Board will be asked to approve an increase in the number of appointed alternates to the Inland Empire Utilities Agency committees to a number established by the Board.

4. **INFORMATION ITEMS**

A. **ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES (POWERPOINT)** *(Eng/Ops/WR)*

B. **MWD UPDATE (ORAL)**

C. **CBWM UPDATE (ORAL)**

D. **SAWPA UPDATE (ORAL)**

E. **CHINO BASIN PROGRAM UPDATE (ORAL)**

**RECEIVE AND FILE INFORMATION ITEMS**

F. **TREASURER'S REPORT OF FINANCIAL AFFAIRS (WRITTEN/POWERPOINT)** *(Fin/Admin)*

G. **PUBLIC OUTREACH AND COMMUNICATION (WRITTEN)** *(Comm/Leg Affairs)*

- H. STATE LEGISLATIVE REPORT AND MATRIX FROM WEST COAST ADVISORS (WRITTEN) *(Comm/Leg Affairs)*
- I. FEDERAL LEGISLATIVE REPORT AND MATRIX FROM INNOVATIVE FEDERAL STRATEGIES (WRITTEN) *(Comm/Leg Affairs)*
- J. CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT (WRITTEN) *(Comm/Leg Affairs)*

5. AGENCY REPRESENTATIVES' REPORTS

- A. SAWPA REPORT (WRITTEN)  
August 6 & 20, 2019 Regular Commission meetings.
- B. MWD REPORT (WRITTEN)  
August 20, 2019 Board meeting.
- C. REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT (WRITTEN)  
August 1, 2019 Regional Sewerage Program Policy Committee meeting.
- D. CHINO BASIN WATERMASTER REPORT (WRITTEN)  
July 25, 2019 CBWM Board meeting.
- E. CHINO BASIN DESALTER AUTHORITY (WRITTEN)  
August 1, 2019 CDA Special Board meeting.
- F. INLAND EMPIRE REGIONAL COMPOSTING AUTHORITY  
Next IERCA Board meeting scheduled for November 4, 2019.

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

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

One Case

**C. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)2  
CONFERENCE WITH LEGAL COUNSEL - POTENTIAL LITIGATION**

Two Cases

**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, August 15, 2019.



April Woodruff

CONSENT  
CALENDAR  
ITEM

**3A**



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

**WEDNESDAY, JUNE 19, 2019  
10:00 A.M.**

**DIRECTORS PRESENT:**

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

**DIRECTORS ABSENT:**

Paul Hofer, President

**STAFF PRESENT:**

Shivaji Deshmukh, General Manager  
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM  
Randy Lee, Executive Manager of Operations/AGM  
Shaun Stone, Acting Executive Manager of Engineering/AGM  
Christina Valencia, Executive Manager of Finance & Administration/AGM  
Javier Chagoyen-Lazaro, Manager of Finance & Accounting  
Warren Green, Manager of Contracts, Procurement & Risk Services  
Elizabeth Hurst, Environmental Resources Planner II  
Sylvie Lee, Manager of Planning & Environmental Resources  
Cathleen Pieroni, Manager of Government Relations  
Matthew Poeske, Construction Project Manager, P.E.  
Craig Proctor, Source Control/Environmental Resources Supervisor  
Ken Tam, Senior Associate Engineer  
Teresa Velarde, Manager of Internal Audit  
April Woodruff, Board Secretary/Office Manager

**OTHERS PRESENT:**

Estrella Arana  
Frances Arguello  
Mary Ann Arguello (sp?)  
Gary Charlton  
Jean Cihigoyenette, JC Law Firm  
Moises Cisneros  
Nancy Cisneros  
Edgar Tellez Foster, CBWM  
Abram Gastelum (sp?)  
Angela Guzman  
Charles Hepperle  
Peter Kavounas, CBWM  
Yassi Kavezade



Loree Masonis  
John Monsen, NPCA  
Justin Nakano, CBWM  
Christy R. Perez  
Darren Perez  
Mary Ann Ruiz  
Nancy Rutherford  
Courtney Smith

A 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.

Vice President Hall called the meeting to order at 10:03 a.m. and Director Parker led the Pledge of Allegiance to the flag. A quorum was present.

Vice President Hall stated that members of the public may address the Board.

Ms. Courtney Smith stated that she is here to represent an activist organization, which has members within the Inland Empire. She asked IEUA to change their position to support SB 307.

Mr. John Monsen stated that he is a representative of the National Parks Conservation Association. He asked the Board to reconsider their position on SB 307. He stated that SB 307 does not constitute an additional environmental review but rather it replaces the national environmental policy act (NEPA) review that was eliminated by the current administration. The state is stepping in where the federal government is abdicating its NEPA responsibilities. He stated that the NEPA review would have been definitive for the project, not CEQA, given the scientific findings of agencies such as the United States Geological Survey, which refuted Cadiz Groundwater replenishment rates and other recent peer reviewed scientific results. He believes the March 28, 2019 letter focuses on the worst possible outcome rather than the likely outcome. He stated that the environmental groups that work to protect CEQA are also fully supportive of SB 307. He urged the Board of Directors to support SB 307.

Mr. Gary Charlton stated that he is a resident of Chino Hills and a customer of the Agency's district. He stated that SB 307 is supported by a broad coalition of desert business owners and residents, Native Americans, environmental groups, the LA Times, and a growing number of people like himself who enjoy desert landscapes. The Cadiz Water Project is an unsustainable mining operation in the desert that is going to harm desert wildlife and plants, drain and dry up springs in the desert, and he respectfully asked the Board of Directors to rescind their letter opposing SB 307.

Ms. Angela Guzman stated that she has lived in the Inland Empire her entire life and learned quickly that she lived in an environment that was scarce of water. She requested the Board to support SB 307 because it will reinforce protection and asked the Board to reevaluate the consequences with integrity. She respectfully asked the Board to rescind the letter opposing SB 307.

Mr. Charles Hepperle stated he agreed with the previous speakers and asked the Board to change their view of SB 307.

Ms. Nancy Rutherford stated that she is an Ontario resident and ratepayer. She stated she would like to protect the desert environment and protect ratepayers from the inevitable escalating costs of supporting the future of this type of water project. She asked the Board to support SB 307.

Mr. Moises Cisneros stated that he is a resident of San Bernardino and has been in economic development for most of his life. He stated that he grew up in the inner city away from the opportunity to enjoy and benefit from areas of wilderness in Southern California. Recently, he has been introduced to the beauty of the amazing desert wilderness that is in our backyard and this will be affected by the Cadiz project. He stated that he supports legislation and policies that allow for the protection of the fragile desert ecosystem. He stated that he was disheartened to learn that IEUA opposed SB 307. He asked the Board to reconsider their position and support SB 307.

Ms. Yassi Kavezade stated that she is an activist and a resident of the Inland region. She stated that other utilities agencies have taken positions to oppose Cadiz publicly. She encouraged the Board to look at local investments in infrastructure on water harvesting and solutions for local communities. She stated that life in the desert depends on the groundwater and that the desert serves in carbon sequestration, which is responsible for mitigating global climate change. She asked the Board to oppose the Cadiz Water Project and to support SB 307.

Ms. Stella Arana stated that she respectfully asked the Board to reject its letter opposing SB 307 and protect the desert ecosystem.

Mr. Abram Gastelum (sp?) stated that he is speaking as a trained researcher living in the Inland Empire. As a life-long resident of Southern California, he requested the Board support SB 307 and oppose the Cadiz Water Project. He stated that the destruction of ecosystems under the argument that selling resources, such as water in public lands, unnecessary intervention to ensure the future survival and dialogue of nature in civilization is false. This requires closer review of the real environmental impacts. He stated that it is an inadequate justification for the exploitation of water conservation efforts in the Mojave Desert. The Cadiz Water Project neglects to offer significant breadth of reports that conflict with its own corporate sponsored environmental impact report. He stated that as a researcher he is trained to acknowledge perspectives that counter his own methodology, analysis and conclusions. The lack of a comprehensive broader impact analysis that calls for more independent peer reviews should prompt a more responsible environmental review process by supporting SB 307. He stated that any project that aims to breach the public lands be met with a critical imperative to protect our homes natural livelihood.

Ms. Mary Ann Arguello stated that she is a customer and constituent from the city of Chino. She respectfully asked the Board to remove their opposition for SB 307 and support it.

Ms. Mary Ann Ruiz stated that she is, once again, asking the Board to rescind their letter opposing SB 307. She stated that this is their last chance to stop this desert-damaging project. She stated that the Board had previously stated at the prior meeting that they have not taken a position for or against Cadiz. She stated that this bill is specific to groundwater basin in the desert and does not have an impact to the CEQA process. She stated that she has been a local resident and ratepayer for 30 years. She added that she really appreciates the work that the ground basin has done and hopes that her water district will reevaluate this project that is unsustainable and unreliable.

Ms. Christy Perez stated that she is a resident of Chino, a local high school teacher, and a mother to a young child. She stated that environmental issues are important to her and asked the Board to support SB 307 and oppose the Cadiz Water Project.

Mr. Darren Perez stated that he is a resident of Chino and he respectfully asked the Board to rescind their letter opposing SB 307.

Vice President Hall thanked the public for taking the time to speak to the Board. Vice President Hall asked if there were any changes/additions/deletions to the agenda. There were no changes/additions/deletions to the agenda.

**PUBLIC HEARING**

Vice President Hall stated that this is the time and place to conduct a public hearing on the Agency’s proposed biennial budget for Fiscal Years (FYs) 2019/20 and 2020/21 and the Ten-Year Capital Improvement Plan (TYCIP). She stated that she will be acting as the hearing officer during the proceedings.

Executive Manager of Finance & Administration/AGM Christina Valencia stated that this item is to allow the public the opportunity to submit comments on the Agency’s proposed fiscal year 2019/20 and 2020/21 budgets and the Ten-Year Capital Improvement Plan (TYCIP). The hearing panel members today will include Vice President Hall, Secretary/Treasurer Parker, Director Elie, and Director Camacho. She stated that every year the Agency begins the preliminary view of the project in March 2019. In accordance with the Regional Sewerage Service Contract, the Agency also takes this item to the Regional Committees along with the proposed biennial budget for the Regional Wastewater and Recycled Water Programs. The last review that was provided to the Committees took place on May 30, 2019 and June 6, 2019. There was a unanimous approval and recommendations from both Committees for the Board to move forward with the approval of the biennial budget and the TYCIP with the condition that in the future any agreements with any third parties related to the Regional Contract will be brought forth to the Regional Committees for their review and recommendation. The Agency has committed to do so. In this budget in particular was the inclusion of third-party agreements with the city of Pomona and Jurupa Community Services District with the Recycled Water intertie agreements to bring in supplemental water into our service area. She gave an overview of all the documents provided to the Board of Directors. She stated that there are no changes to the adopted budgets, rates, and fees. The adopted rates and fees for the next fiscal year of 2019/20 is the last year of the multiyear rates that were adopted in 2015. For the second year of the budget, the Agency has adjusted rates by an inflationary amount, they will be adjusted if needed after the completion of the 2020 rate study that is currently underway. A key component of this is succession planning as staff continues to look out for that 30 percent of employees that are eligible to retire within the next five years. To do so, the Agency has reduced the vacancy factor and professional services and other contractual services costs to offset the higher cost of employment.

Ms. Valencia gave an overview of the TYCIP and the biennial budgets.

Discussion ensued regarding proposed future bond debt, projected growth in new connections, and factoring depreciation.

Vice President Hall opened the Public Hearing at 10:40 a.m., and receiving no comments, she closed the Public Hearing at 10:40 a.m.

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

**M2019-6-1**

MOVED, to:

1. Adopt Resolution No. 2019-6-10, approving the Agency’s Biennial Budget for FYs 2019/20 and 2020/21 and FYs 2020-2029 TYCIP, including the inter-fund transfers, Agency-wide departmental goals and objectives; and

**RESOLUTION 2019-6-10  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO**

Continued...

**M2019-6-1, continued**

**COUNTY, CALIFORNIA, APPROVING AND ADOPTING ITS BUDGET FOR FISCAL YEARS 2019/2020 and 2020/2021 (for full text, see Resolution Book)**

2. Adopt Resolution Nos. 2019-6-1 through 2019-6-8 for the Non-Reclaimable Wastewater system rates and other service fees.

**RESOLUTION 2019-6-1  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING SERVICE RATES FOR WASTEWATER DISCHARGERS TO THE REGIONAL WASTEWATER SYSTEM FOR SEPTAGE, COMMERCIAL OR INDUSTRIAL WASTEWATERS, AND EXCESSIVE STRENGTH CHARGES FOR FISCAL YEAR 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-2  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING CAPACITY CHARGES, VOLUMETRIC CHARGES, STRENGTH CHARGES, CAPITAL IMPROVEMENT PROJECT (CIP) CHARGES, IEUA ADMINISTRATIVE CHARGES, APPLICATION AND WASTEWATER DISCHARGE PERMIT APPLICATION FEES FOR THE ETIWANDA WASTEWATER LINE (EWL) FOR FISCAL YEAR (FY) 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-3  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING CAPACITY CHARGES, VOLUMETRIC CHARGES, STRENGTH CHARGES, AGENCY PROGRAM CHARGES, AND APPLICATION FEES FOR THE NON-RECLAIMABLE WASTEWATER SYSTEM (NRWS) FOR FISCAL YEAR (FY) 2019/20 (for full text, see Resolution Book)**

3. Adopt Resolution Nos. 2019-6-1 through 2019-6-8 for the Non-Reclaimable Wastewater system rates and other service fees.

**RESOLUTION 2019-6-1  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING SERVICE RATES FOR WASTEWATER DISCHARGERS TO THE REGIONAL WASTEWATER SYSTEM FOR SEPTAGE, COMMERCIAL OR**

Continued...

**M2019-6-1, continued**

**INDUSTRIAL WASTEWATERS, AND EXCESSIVE STRENGTH CHARGES FOR FISCAL YEAR 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-2**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING CAPACITY CHARGES, VOLUMETRIC CHARGES, STRENGTH CHARGES, CAPITAL IMPROVEMENT PROJECT (CIP) CHARGES, IEUA ADMINISTRATIVE CHARGES, APPLICATION AND WASTEWATER DISCHARGE PERMIT APPLICATION FEES FOR THE ETIWANDA WASTEWATER LINE (EWL) FOR FISCAL YEAR (FY) 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-3**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING CAPACITY CHARGES, VOLUMETRIC CHARGES, STRENGTH CHARGES, AGENCY PROGRAM CHARGES, AND APPLICATION FEES FOR THE NON-RECLAIMABLE WASTEWATER SYSTEM (NRWS) FOR FISCAL YEAR (FY) 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-4**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING INITIAL AND MONTHLY CAPACITY CHARGES, VOLUMETRIC CHARGES, EXCESS STRENGTH CHARGES, CAPITAL IMPROVEMENT PROJECT (CIP) CHARGES, IEUA ADMINISTRATIVE CHARGES, APPLICATION AND WASTEWATER DISCHARGE PERMIT APPLICATION FEES FOR THE INLAND EMPIRE BRINE LINE (BRINE LINE) FOR FISCAL YEAR (FY) 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-5**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING CHARGES FOR LABORATORY ANALYSES FOR FISCAL YEAR 2019/20 (for full text, see Resolution Book)**

**RESOLUTION 2019-6-6**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING EXTRA-**

Continued...

**M2019-6-1, continued**

**TERRITORIAL SEWER SERVICE CHARGE FOR SYSTEM USERS OUTSIDE THE AGENCY'S BOUNDARIES FOR FISCAL YEAR (FY) 2019/20** (for full text, see Resolution Book)

**RESOLUTION 2019-6-7  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING IMPORTED WATER RATES** (for full text, see Resolution Book)

**RESOLUTION 2019-6-8  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING EQUIPMENT RENTAL RATES FOR FISCAL YEAR 2019/2020** (for full text, see Resolution Book)

**CONSENT ITEMS**

Vice President Hall asked if there were any Board members wishing to pull an item from the Consent Calendar for discussion. Director Elie stated that he would like to pull item 2A - the minutes from May 15, 2019 and June 5, 2019 for corrections. He also asked that item 2F – Regional Contract Facilitation Contract Amendment be pulled. General Manager Shivaji Deshmukh stated that staff requested clarification on item 2G – Project Agreement 24 for the Inland Empire Brine Line.

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

**M2019-6-2**

MOVED, to approve the Consent Calendar.

- A. *PULLED*
- B. The Board approved the total disbursements for the month of April 2019, in the amount of \$13,025,357.43.
- C. The Board adopted Resolution No. 2019-6-9, establishing the appropriations limit for Fiscal Year 2019/20.

**RESOLUTION 2019-6-9  
RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO COUNTY, CALIFORNIA, ESTABLISHING AN APPROPRIATIONS LIMIT FOR FISCAL YEAR 2019/20** (for full text, see Resolution Book)

- D. The Board approved the Mutual Aid Agreement Amendment No. 2.
- E. The Board adopted a support position on:
  - 1. HR 1162 (Napolitano) – The Water Recycling Investment and Improvement Act;

Continued...

**M2019-6-2, continued**

2. HR 1764 (Garamendi) – To amend the Federal Water Pollution Control Act with respect to permitting terms; and

3. HR 2313 (Huffman) – Water Conservation Rebate Tax Parity Act.

F. *PULLED*

G. *PULLED*

H. The Board:

1. Awarded a five-year master services contract, with the option for up to two, one-year time extensions to Buckman Infrastructure Group for a not-to-exceed amount of \$500,000; and

2. Authorized the General Manager to execute the contract, subject to non-substantive changes.

I. The Board:

1. Approved the FY 2019/20 Annual Audit Plan; and

2. Directed the Manager of Internal Audit to implement the FY 2019/20 Annual Audit Plan.

J. The Board adopted the following positions:

1. Oppose for AB 756 (C.Garcia);

2. Support for AB 841 (Ting);

3. Support for AB 1588 (Gloria); and

4. Support if Amended for SB 667 (Hueso).

**ACTION ITEMS**

**MINUTES**

Director Elie stated that on the May 15, 2019 minutes, he asked staff to correct the vote for Ordinance No. 107 to reflect the 4 to 1 vote. On the June 5, 2019 minutes, he asked staff to correct the minutes to show that Director Hall was absent, and to include his comment regarding the Agency's non-position on the Cadiz Water Project at the end of the public comment section.

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

**M2019-6-3**

MOVED, to:

1. Approve the minutes from the May 1, 2019 Board Workshop Minutes, May 15, 2019 Board Meeting as amended and June 5, 2019 Board Workshop/Meeting as amended.

**REGIONAL CONTRACT FACILITATION CONTRACT AMENDMENT**

General Manager Shivaji Deshmukh stated that this item has gone through the Engineering, Operations, and Water Resources Committee as well as the Regional Sewerage Program Committees. This item is related to the Regional Contract Facilitation Contract with Kearns & West, which helps support the evaluation of the terms of the Regional Contract that is set to expire in 2022. Kearns & West has been supporting the Agency for the past few years.

Director Elie noted that he pulled this item because it should have gone through the Finance & Administration Committee. He stated that he would like the public to be informed of the progress made in this process and to ensure the agencies continue to work collaboratively to complete the contract. Discussion ensued regarding when items should be taken to the Finance & Administration Committee, the concerns from different member agencies, and the status of addressing these items.

Source Control/Environmental Resources Supervisor Craig Proctor stated these discussions have been going on for over a year with the facilitator. Twenty topics were identified in the Regional Contract that needed to be renegotiated. There are four meetings held per month, with a total of 23 negotiation sessions and well over 20 individual meetings to date. There are currently 11 scoping documents and 7 term sheets. Once a term sheet is created, that language can be used to update the contract. There are items that are taking longer than initially expected. He gave an update of the major issues in negotiating on recycled water.

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

**M2019-6-4**

MOVED, to:

1. Approve the budget amendment of \$393,831 for the Regional Contract Facilitation, Project No. PL19002;
2. Authorize the contract amendment for \$393,831 to Kearns & West for a not-to-exceed maximum of \$898,676; and
3. Authorize the General Manager to execute the contract amendment, subject to non-substantive changes.

**PROJECT AGREEMENT 24 FOR THE INLAND EMPIRE BRINE LINE**

General Manager Shivaji Deshmukh stated that staff is not only recommending the approval of the Project Agreement 24 for the Inland Empire Brine Line and asking the Board to authorize the General Manager to execute the Agreement, they are also asking the Board to designate Director Kati Parker as the representative.



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

**M2019-6-5**

MOVED, to:

1. Approve Project Agreement 24 for the Inland Empire Brine Line;
2. Designate Director Kati Parker as the representative on PA24; and
3. Authorize the General Manager to execute the Agreement.

**ADOPTION OF RESOLUTION NO. 2019-6-12, FOR IEUA SUPPORT OF THE UPDATE TO THE CHINO BASIN OPTIMUM BASIN MANAGEMENT PROGRAM**

General Manager Shivaji Deshmukh stated that this recommendation is a result from the June 5, 2019 Joint Ad Hoc Meeting between the Inland Empire Utilities Agency and the Chino Basin Watermaster (CBWM). At this meeting, all the planning efforts that IEUA and CBWM have been involved in was discussed. IEUA has been working in conjunction with CBWM on the Optimum Basin Management Program (OBMP) and the Integrated Resources Plan (IRP), which all feed into the concept of the Chino Basin Program (CBP). Mr. Deshmukh introduced CBWM's General Manager Peter Kavounas.

Mr. Kavounas stated that the OBMP update is critical for the management of the Basin and for larger planning processes of integrated resources, and important for the IRP. If the CBP were to move forward, the CBP will dovetail with the OBMP update. Mr. Kavounas gave some background, history, and the process in updating the OBMP. He stated that when the plan is finished it will need CEQA, and IEUA's Board of Directors will be asked to serve as the lead agency for the CEQA as they have done in the past. CEQA will be a driving factor for the IRP and CBP. The Board of Director's support for the OBMP update and its timely completion helps in the greater picture of regional water supplies.

Director Elie thanked Mr. Kavounas for taking the time to talk to the Board about this matter. He stated that city of Chino Mayor Ulloa and the officers from CBWM attended the June 5 Ad Hoc meeting. He stated that the completion of the OBMP is critical to comply with the court order and commitments and to assist in moving the CBP along. He stated that it's critical to continue the momentum of moving forward positively, solving problems quickly, raising the consciousness level of the elected officials and water managers, and continually updating them. The Board of Directors thanked Mr. Kavounas for taking the time to speak to the Board.

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

**M2019-6-6**

MOVED, to:

1. Adopt Resolution No. 2019-6-12, supporting the timely completion of the Optimum Basin Management Program update; and

**RESOLUTION 2019-6-12  
A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
INLAND EMPIRE UTILITIES AGENCY\*, SAN BERNARDINO**

Continued...

**M2019-6-6**, continued

**COUNTY, CALIFORNIA, SUPPORTING THE UPDATE TO THE CHINO BASIN OPTIMUM BASIN MANAGEMENT PROGRAM** (for full text, see Resolution Book)

2. Direct the General Manager to update the Board with its progress on a regular basis.

**APPROVAL TO PARTICIPATE IN A CITIBANK SETTLEMENT AGREEMENT**

Executive Manager of Finance & Administration/AGM Christina Valencia stated that the Agency was advised on May 10, 2019 by the State Attorney General that the Agency is eligible to participate in a settlement with Citibank and 42 attorneys general across the country. This matter was widely reported in 2012, where many banks were under investigation internationally for manipulation of interest rates. Ms. Valencia gave an overview and history of how the Agency can participate in this Citibank settlement agreement and the allegations made in this agreement. She stated that if the Agency chooses to participate, in order to receive the \$480,000, the Agency will have to release Citibank of any future liabilities associated with these agreements. The timeline to file is July 9, 2019. She stated that she has sent these documents over to the Agency's legal counsel for review.

General Counsel Jean Cihigoyenette stated that he investigated some pending lawsuits across the country and from his perspective, he supports the staff's recommendation to participate in the settlement agreement.

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

**M2019-6-7**

MOVED, to:

1. Approve the Agency's participation in a settlement agreement between 42 state attorney generals and Citibank; and
2. Authorize the General Manager to execute and submit the Election to Participate Release and Claim Form prior to July 9, 2019.

**CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) CALL FOR ELECTION FOR SEAT B, SOUTHERN NETWORK**

Vice President Hall stated that she placed this item on the agenda in order to get the Board of Directors' input to decide who the Board would like to represent the CSDA. She stated that she has relationships with two of the nominees and would like to gain a consensus with the Board.

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

**M2019-6-8**

MOVED, to cast one vote for Ms. Kathleen J. Tieg on behalf of the Inland Empire Utilities Agency for CSDA's 2019 Board of Directors' election for Seat B, Southern Network.

**ADOPT POSITIONS ON STATE LEGISLATION – ACTION**

Manager of Governmental Relations Cathleen Pieroni stated that the Community & Legislative Committee recommended that the SB 200, SB 414, ACA 1, SB 45, and SB 1 be brought before the full Board for their consideration. Ms. Pieroni gave an overview of the five bills.

Discussion ensued on positions from other cities on the bills and on the Agency’s timeline in taking positions on certain bills.

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

**M2019-6-9**  
MOVED, to adopt the following positions:

1. Support for SB 200 (Monning);
2. Support for SB 414 (Caballero);
3. Support for ACA 1 (Aguiar-Curry); and
4. Oppose unless Amended for SB 1 (Atkins, Portantino, and Stern).

Upon motion by Director Parker, seconded by Director Hall with Director Elie and Director Camacho abstaining from voting, the motion failed (2:2):

**M2019-6-10**  
MOVED, to adopt the following positions:

1. Support if Amended for SB 45 (Allen).

**INFORMATION ITEMS**

**BOARD OF DIRECTORS’ TRAVEL AND CONFERENCE EXPENSES**

Manager of Internal Audit Teresa Velarde stated that this item is in response to the request made on March 20, 2019. She presented information related to the Board of Directors travel and conference expenses, and proposed changes from Agency staff.

Director Elie thanked Ms. Velarde for the work put into this subject. He stated that he would like to see more guidelines and transparency in this matter. Director Parker stated that she had mentioned having a pre-approved list of conferences. Discussion ensued on how these guidelines can be enforced. Director Parker stated that she would like these guidelines in a policy and for there to be a pre-approved list of conferences. She stated that she would also like to have this matter added as an item in the Consent Calendar monthly, stating the conferences to be approved for the following month and for more transparency to report out how much money was spent each quarter or month. Director Elie asked for staff to draft a policy considering all circumstances.

**ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES**

Acting Executive Manager of Engineering/AGM Shaun Stone gave a PowerPoint presentation on the Engineering and Construction Management project updates. He provided updates on the following projects: Agency-wide Railing and Threshold Improvements; HQ Paving Safety

Improvements; San Bernardino Lift Station Facility Improvements; RP-3 Basin Improvements; Wineville/Jurupa/Force Main Improvements; and ASCE Infrastructure Report Card.

*Director Camacho left the meeting at 11:45 a.m.  
Director Camacho returned to the meeting at 11:48 a.m.*

### **IMPACT OF DE-ENERGIZING POWER GRID TO AGENCY OPERATIONS**

Executive Manager of Operations/AGM Randy Lee stated that this item was requested by Vice President Hall at a previous Board meeting. Mr. Lee gave an overview of why the electrical providers are de-energizing power, how this will impact the Agency, the challenges the Agency faces, and the Agency's plans to overcome these challenges.

### **MWD UPDATE**

This item was received and filed.

### **CBWM UPDATE**

This item was received and filed.

### **SAWPA UPDATE**

This item was received and filed.

### **CHINO BASIN PROJECT UPDATE**

This item was received and filed.

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

#### **TREASURER'S REPORT OF FINANCIAL AFFAIRS**

#### **PUBLIC OUTREACH AND COMMUNICATION**

#### **STATE LEGISLATIVE REPORT AND MATRIX FROM WEST COAST ADVISORS**

#### **FEDERAL LEGISLATIVE REPORT AND MATRIX FROM INNOVATIVE FEDERAL STRATEGIES**

#### **CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT**

#### **FISCAL YEAR 2018/19 THIRD QUARTER BUDGET VARIANCE, PERFORMANCE GOAL UPDATES, AND BUDGET TRANSFERS**

#### **INTERNAL AUDIT DEPARTMENT QUARTERLY STATUS REPORT FOR JUNE 2019**

#### **FY 2019/20 FINANCIAL AUDIT – COMMUNICATIONS REQUIRED BY SAS 114**

#### **REPORT OF OPEN AUDIT RECOMMENDATIONS**

#### **ACCOUNTS PAYABLE FOLLOW-UP AUDIT**

#### **PAYROLL FOLLOW-UP AUDIT: ETHICS RESOLUTION AND CONFIDENTIALITY AGREEMENT**

#### **VOYAGER FUEL CARD AUDIT**

#### **OPERATIONS DIVISION SEMI-ANNUAL UPDATE**

**AGENCY REPRESENTATIVES' REPORTS**

**SAWPA REPORT**

Director Parker stated that there were two SAWPA Commissioner Meetings in June 2019. The Commissioners approved the funding allocation projects for Prop 1 Round 1 Integrated Regional Water Management Grant.

**MWD REPORT**

This item was received and filed.

**REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT**

This item was received and filed.

**CHINO BASIN WATERMASTER REPORT**

This item was received and filed.

**CHINO BASIN DESALTER AUTHORITY REPORT**

This item was received and filed.

**INLAND EMPIRE REGIONAL COMPOSTING AUTHORITY**

This item was received and filed.

**GENERAL MANAGER'S REPORT**

General Manager Shivaji Deshmukh stated on June 27, 2019, there will be a joint Board meeting between IEUA and CBWM at 10:00 a.m. at CBWM. He also stated that on August 16, there will be a Community Leaders Briefing sponsored by MWD with IEUA as the host with Senator Connie Leyva. He stated that on September 24, staff is coordinating a visit by Department of Water Resources Director Karla Nemeth for a leadership breakfast. He stated that staff received a letter from Orange County Water District (OCWD), which addresses the detection of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFAS) compounds. OCWD through SAWPA and all the Watershed agencies will be working on a sampling initiative to better understand the source of these detections. Agency staff has been working closely with CBWM as well.

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

Director Parker asked that SB 307 be brought back to the Board for further discussion and for the same presentation on the cloud seeding program by the Metropolitan Water District of Southern California at the SAWPA Commission Meeting be made to the Agency's Board of Directors.

**DIRECTORS' COMMENTS**

Director Parker stated she attended the Three Valleys Municipal Water District Leadership Breakfast on May 30 and the Ely Basin No. 3 Tour on June 11.

*Director Parker left the meeting at 12:14 p.m.*

Director Camacho stated he attended MWD Solar Cup 2019 event on May 16-19 and the Three Valleys Municipal Water District Leadership Breakfast on May 30.

Director Hall stated she hosted an MWD State Water Project Inspection Trip on May 17-18; attended the Enhanced Recharge in Santa Ana River Basin Dedication Event on May 23; Connect-2-MET Outreach event on June 6; the AWWA ACE 19 Conference on June 9-12; and the Association of San Bernardino County Special District Meeting on June 17.

**CLOSED SESSION**

General Counsel Jean Cihigoyenette stated that there will be no closed session. All items will be taken to the next Board meeting.

With no further business, Vice President Hall adjourned the meeting at 11:10 a.m.

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Kati Parker, Secretary/Treasurer

**APPROVED: AUGUST 21, 2019**

DRAFT



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

**WEDNESDAY, JULY 17, 2019  
10:00 A.M.**

**DIRECTORS PRESENT:**

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

**DIRECTORS ABSENT:**

None

**STAFF PRESENT:**

Shivaji Deshmukh, General Manager  
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM  
Randy Lee, Executive Manager of Operations/AGM  
Shaun Stone, Acting Executive Manager of Engineering/AGM  
Christina Valencia, Executive Manager of Finance & Administration/AGM  
Adham Almasri, Senior Engineer  
Jerry Burke, Deputy Manager of Engineering  
Pietro Cambiaso, Deputy Manager of Planning & Environmental Resources  
Andrea Carruthers, Manager of External Affairs  
Javier Chagoyen-Lazaro, Manager of Finance & Accounting  
Tina Cheng, Budget Officer  
Gabriel Holguin, Senior Wastewater Treatment Plant Operator  
Kurt Hull, Construction Inspector  
Nicolas Jones, Construction Inspector  
Sylvie Lee, Manager of Planning & Environmental Resources  
Chander Letulle, Manager of Operations & Maintenance  
Scott Oakden, Manager of Operations & Maintenance  
Cathleen Pieroni, Manager of Government Relations  
Craig Proctor, Source Control/Environmental Resources Supervisor  
Alan Reyes, External Affairs Intern  
John Scherck, Senior Project Manager  
Daniel Solorzano, Technology Specialist I  
Travis Sprague, Senior Associate Engineer  
Wilson To, Technology Specialist II  
Teresa Velarde, Manager of Internal Audit  
April Woodruff, Board Secretary/Office Manager

**OTHERS PRESENT:**

Victor Carno, ECA  
Keagan Chern, Chino Hills High School  
Jean Cihigoyenetché, JC Law Firm  
Chris Clarke, NPCA  
Steve Corrington, MIH Water  
Kathleen Diver, Los Osos High School  
Gregory Foster, SCPFJ  
Sydney Gavela, Chino Hills High School  
Eric Grubb, CVWD  
Peter Hall, MIH Water  
Doug Hutchings, Upland High School  
Rich Lambros, ECA  
Junior Lin, Chino Hills High School  
Matthew Litchfield, TVMWD  
Jake Loukeh, City of Chino Hills  
Keane Misawa, Chino Hills High School  
John Monsen, NPCA  
Cynthia Moran, City of Chino Hills  
Roman Nava, BIA  
Luis Portillo, IEEP  
Josh Rodriguez, Chino Hills High School  
Kevin Tang, LOHS  
Kathy Tiegs, CVWD  
Ricky Yu, Chino Hills High School

A 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 Hofer called the meeting to order at 10:05 a.m. and led the Pledge of Allegiance to the flag. A quorum was present.

**PUBLIC COMMENTS**

President Hofer stated that due to the high number of individuals who would like to address the Board, the public comment section of the agenda will come after the Solar Cup Team Recognition.

**PRESENTATION**

**2019 SOLAR CUP PRESENTATION**

President Hofer stated that IEUA partnered with the Metropolitan Water District of Southern California (MWD) for their 17<sup>th</sup> Annual Solar Cup Competition. He gave an overview of the Solar Cup Competition and commended all of the students and schools for their efforts and successes. President Hofer asked Director Elie to present the Chino Hills High School with their recognition certificate.

Director Elie commended the Chino Hills High School team of their display of hard work and teamwork shown. He introduced the Mayor of Chino Hills Cynthia Moran, who thanked the Board of Directors for investing in the youth in the Agency's district. She presented the recognition to the students of the Chino Hills High School Solar Cup. Chino Hills High School's Solar Boat President Josh Rodriguez stated his team worked hard and thanked the Board for their funding. Chino Hills High School Teacher Keane Misawa stated that he is very grateful for youth programs by various organizations. He thanked the Board of Directors for their support.



Director Hofer stated that Director Camacho, who spent all three days at the Solar Cup competition, will be presenting the next award. Director Camacho invited Cucamonga Valley Water District (CVWD) Director Kathy Tiegs to present the recognition award to Los Osos High School for being first place in the Inland region for their technical reports, endurance race, sprint race, and public service message. They also placed 6<sup>th</sup> place overall. Director Tiegs thanked the Agency's Board of Directors for their involvement with this program. She recognized all three schools for participating in this race and congratulated Los Osos High School for their hard work and perseverance throughout the Solar Cup competition. Director Tiegs commended Ms. Kathy Diver for mentoring the Los Osos team throughout this seven-month program and thanked the Board of Directors for allowing CVWD to co-sponsor the Los Osos team.

Los Osos High School students Kevin Tang and Ron thanked the Board for sponsoring the team and stated that he and the team have learned a lot through this experience. Director Camacho presented the recognition certificate to the Los Osos High School team. He stated that every year he attends an event, he is impressed with the team and looks forward to the the next event the following year.

President Hofer congratulated Los Osos High School and thanked everyone for attending the Board meeting. He asked Director Parker to present Upland High School a recognition certificate. Director Parker invited Upland High School advisor Mr. Doug Hutchings to the podium. She stated that Upland High School has been participating in the Solar Cup for approximately a decade and Mr. Hutchings has always been committed to the students and the program. She stated that this year, Upland High School received second place in the sprint race for the Inland Region and 11<sup>th</sup> place overall. She congratulated the team for this accomplishment. She stated that she had gone to Upland High School with Manager of External Affairs Andrea Carruthers and was able to witness firsthand the first launching of the boat in the swimming pool. Upland High School teacher Mr. Doug Hutchings stated that he is grateful for the sponsorship and opportunity to lead the team. He stated he was grateful for the opportunity for the students to receive hands on experience in high school.

President Hofer thanked everyone for taking the time to be at the Board meeting.

### **NEW EMPLOYEE INTRODUCTIONS**

Acting Executive Manager of Engineering/AGM Shaun Stone introduced:

- Mr. Kurt Hull, Construction Project Inspector, hired March 10, 2019, Engineering and Construction Management.
- Mr. Nicolas Jones, Construction Project Inspector, hired May 20, 2019, Engineering and Construction Management.

Executive Manager of Operations/AGM Randy Lee introduced:

- Mr. Michael Zuniga, Control Systems Analyst I, hired May 20, 2019, Integrated System Services.
- Ms. Rea Margaret Tom, Office Assistant, hired June 16, 2019, Operations and Maintenance.

The Board of Directors welcomed Mr. Hull, Mr. Jones, Mr. Zuniga, and Ms. Tom to the IEUA team.

### **PROMOTIONS/RECOGNITIONS**

Executive Manager of Operations/AGM Randy Lee introduced the following promotions:

- Mr. Scott Oakden, Manager of Operations & Maintenance, promoted May 19, 2019, Operations and Maintenance – North.
- Mr. Gabriel Holguin, Senior Wastewater Treatment Plant Operator, promoted May 19, 2019, Operations and Maintenance – North.

The Board of Directors congratulated Mr. Oakden and Mr. Holguin on their promotion.

### **PUBLIC COMMENT**

General Manager Shivaji Deshmukh stated the Board has received speaking requests for item 5C – related to Senate Bill 307 (SB 307). He suggested that the Board take public comments not related to SB 307 at this time and any comments related to SB 307 to be given after staff's presentation on the subject.

President Hofer stated that members of the public may address the Board for any items not related to item 5C. There was no one desiring to do so.

### **ADDITIONS TO THE AGENDA**

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

### **SB 307 (ROTH): WATER CONVEYANCE: USE OF FACILITY WITH UNUSED CAPACITY**

Mr. Deshmukh stated that at the June 19, 2019 Board meeting, Director Parker requested that staff bring SB 307 back to the Board of Directors. He mentioned that since the Agency has taken a position on this item, there has been some updates. He stated that currently, SB 307 is on the Governor's desk. Staff would like to provide an update on the new information from the past months.

Manager of Government Relations Cathleen Pieroni gave a background on CEQA, SB 307, the Cadiz Project, and who have supported and opposed it. She stated that the Agency is concerned that the precedence set by SB 307 will open the door to other similar projects to be subject to review even after the CEQA environmental review, interjecting unnecessary uncertainty on what is already a very rigorous review process. She stated that the Agency has no agreement to purchase water from the Cadiz Project and has opposed SB 307 because it will set precedence by requiring post CEQA environmental review requirements and impose state restriction on water conveyance facilities.

### **PUBLIC COMMENT**

President Hofer stated that members of the public may address the Board and requested that the Board of Directors hold their comments until the end.

Mr. John Monsen from National Parks Conservation Association (NPCA) stated that he has asked the Board to rescind the letter of opposition. He stated that the Cadiz Project is unsustainable, and the United States geological survey found that the Cadiz Water Project will remove up to 40,000-acre feet a year, which is more than what the aquifer will be recharged by. He stated that the referenced study is controversial and indirectly funded by Cadiz.

Mr. Chris Clarke from the NPCA thanked the Directors for the opportunity to speak. He addressed some omissions in staff's report. He stated that he noticed two studies that were peer reviewed and published in scientific journals that were not mentioned. He stated that these studies show that this project will severely damage the California desert. He stated that NPCA are strong supporters of CEQA as well. CEQA does not require that the lead agency establish what is the most authoritative science in the environmental impact report (EIR). In cases like this, where there is discussion about motives and substantial new information that underscores the weaknesses in

the scientific model of the preferred alternative, it is ethically appropriate for the state to reevaluate this matter and it's not unprecedented.

Mr. Gregory Foster stated that he is from the Southern California Partnership for Jobs, who represents over 2,700 construction firms and over 90,000 union and nonunion construction workers. He stated that he hopes that the Agency continues their current stance and oppose SB 307.

Mr. Rich Lambros stated that he is from the Engineering Contractors Association (ECA), which is composed of 200 member companies engaged in construction, mostly focused on underground utility and utility work. Their members have a specific emphasis on water, water treatment, and wastewater. He stated that ECA agrees with the Board on opposing the bill, not based on the project but based on policy. He asked on behalf of ECA to continue their opposition stance on SB 307. He stated that SB 307 undermines local control and CEQA.

Mr. Roman Nava stated that he is the Director of Governmental Affairs at the Building Industry Association of Southern California (BIA). He stated that BIA represents over 1,200 members that make up the housing industry. He stated that he would like to publicly reaffirm BIA's opposition to SB 307, which will undermine the existing state environmental review framework and make it more difficult for California to manage its ongoing water infrastructure and economic development challenges. He stated that California is facing a housing crisis that has not been seen in decades and Governor Newsom has issued a call to action to build 3.5 million homes by 2025. If SB 307 becomes law, any hope of addressing this housing crisis diminishes. While this bill targets the Cadiz Water Project, it sets a dangerous precedence and poses a potential threat to any infrastructure in the state by taking regulatory authority from local officials and giving it to bureaucrats who are not accountable to local residents. If SB 307 becomes law, the finality of any project's environmental review processes, including for local water supply reliability, drought response planning, affordable housing, and transportation projects will be in doubt. At a time when California is working on a collaborative approach to address its shared water supply reliability, SB 307 will set a contradictory precedence by stifling the delivery of clean safe drinking water to communities across the state. He stated that BIA asks the Board to oppose SB 307.

Director Kathy Tiegs from the CVWD mentioned that this bill is still in the Senate. She said that the bill does not mention Cadiz but it mentions a geographic location. She stated that the principle that is being put forth should be examined and not the company that is looking to improve water sustainability for this region. She noted that SB 307 threatens to undermine local control and CEQA by enacting unnecessary, duplicative, and undefined state review from outside agencies that do not have to have a relation to the project they are questioning. SB 307 proposes an additional layer of approvals that will set bad precedent for water projects in California that are compliant with CEQA. She stated that SB 307 attempts to circumvent the judgement and discretion of numerous authorities involved in the rigorous CEQA process. If the legislature allows a tax to projects after state agencies have already participated in the CEQA process, this method will be applied continuously and will inject uncertainty for other much needed projects, including vital community projects in our region. She asked on behalf of CVWD that the Board stay consistent with their oppose position on SB 307, taking into consideration how this will impact the region and not just the fact that the Agency may not be an importer of Colorado River Water.

Mr. Matthew Litchfield, the General Manager/Chief Engineer from Three Valleys Municipal Water District (TVMWD), stated that he would like IEUA to maintain an opposed position on SB 307. He stated that the bill sets a dangerous precedent by disregarding long standing environmental and state water policies. SB 307 threatens all other water infrastructure projects as public agencies pursue to provide reliability to the region and invites similar challenges to future transfers, water supply and infrastructure projects. He noted that SB 307 is opposed by the TVMWD, the Association of California Water Agencies, and 50 other organizations. Their opposition is based

primarily on the precedent of this bill. He stated that last month, TVMWD approved a year long study that will involve project critics, government agencies, and their choice of scientists to gather real data on the issue. This will proceed with or without SB 307. He asked the Board of Directors to support local efforts to investigate Cadiz and to continue to oppose SB 307.

Mr. Luis Portillo stated that he is with the Inland Empire Economic Partnership, an organization comprised of larger employers in the Inland Empire region. He asked the Board to continue their opposition to SB 307. He stated that this bill sets a dangerous precedent for any future water projects. California and the Inland Empire region will continue to grow and every water project that seeks to increase the water capacity in the state will face opposition. He asked the Board to continue to oppose SB 307.

President Hofer asked the audience if there were any other members of the public who would like to make a public comment. With no one desiring to do so, President Hofer closed public comment and asked the Board of Directors to make any comments.

Director Camacho stated that he would like to echo CVWD, TVMWD, BIA, Inland Empire Economic Partnership, and the ECA. He stated that he believes this bill implements bad policy and is a legislative overreach. He stated that there is already a process in place and this bill is dangerous to any projects that can be selected and challenged for any personal or political reasons.

Director Parker stated that she had asked for this item to be brought back to the Board because this item was never presented to the full Board of Directors for a decision, but was only presented at the Community & Legislative Affairs Committee. She wanted the opportunity to have a discussion, especially because there has been significant public comment on this matter. She noted that the Agency has no plans to take water from this project and this isn't the Agency's fight. She stated it seems to be a moot point, as there is support from legislature, as it has passed the State assembly last week. As an engineer, she has a practical understanding of not setting precedent of going around CEQA. She stated that she appreciated everyone's comments, and this is an extremely difficult decision. She suggested the Agency take a neutral position from this point forward.

Director Hall stated that she agreed with Director Parker that the Board should not take an action on this matter. She stated that she did her research and spoke to residents and she would like to recommend a neutral position.

Director Elie stated that the Board of Directors have historically taken positions on various matters that impact not just individuals who show up to the Board meeting but all constituents whom the Board serves including the member agencies and partners in many projects. The Agency has taken a position of opposition to this bill, which has nothing to do with the Cadiz project and whether the Agency is going to take water from the project. He stated that the Cadiz project was subject to seven different lawsuits and appeals, seven different published opinions of the California Court of appeal out of the Orange County District, which is unprecedented. This bill purports to send a project to the California State Lands Commission for review. As an environmental practitioner, he stated he has never seen a project go before the California State Lands Commission. This caused him to look up the California State Lands Commission. The members of the Commission currently are the lieutenant governor, the controller, and the finance director. He stated that the mission of this entity is to manage four million acres of tide and submerged lands and monitors sovereign land granted by the California legislature. It protects state waters reign invasive species. He stated that this does not sound like real environmental review but a place for a project to be parked. It's a dangerous precedent and overreach of the legislature and it directly impacts not just this Agency, but also our member agencies. He stated that the Board has a duty to consider the entire region and historically the Agency has taken

principled positions, which deal with bills that don't directly impact IEUA. He stated that the CEQA process is rigorous, expensive, and extensive. He stated that he believes the Board took the right action by opposing SB 307 and should not take any action today.

President Hofer stated that the Inland Empire Utilities Agency's name is a little confusing. The Agency serves from the eastern boundary from the city of Fontana up to the foothills in the city of Rancho Cucamonga, city of Upland, and over to the Los Angeles county line in the city of Montclair. He stated that the Agency is primarily a sewer agency and that is the service the Agency provides to the public. It is a vital, technical, and serious function. The reason this subject is a matter of concern is because the Agency has some large projects that will serve this basin for many years into the future, costing millions of dollars, converting sewer water to potable water that will return to this basin. To save the use of other water sources as much as possible, the Agency is here to serve the public by recycling water. He stated that the region has the potential to experience an enormous amount of growth and the Agency must be prepared for that. He stated that the CEQA process is already cumbersome, lengthy and expensive. The public pays for this process and the Agency must be mindful of this cost and the time it takes to push projects through. The Agency's concern is not with the Cadiz project in opposing this bill, but the Agency is concerned that this bill will be adding another layer of oversight and regulation in addition to what is already an incredible, lengthy, and technical process. He stated that if the Agency's future projects are stopped, there will be a negative impact on this basin, which will incur costs to the ratepayers and member agencies. He stated that he understands the point of view of those who spoke at the Board meeting today regarding the environmental consequences of the Cadiz project. However, the Agency is aiming to contain an already lengthy, cumbersome, and expensive process. He stated he understands Director Hall's position as the Agency should consider MWD's neutral position, as they provide large amounts of water to Southern California and because the Agency is an MWD member agency. However, the Agency's Board must do what they feel is in the best interest of this Agency.

Discussion ensued regarding MWD's neutral position.

Upon motion by Director Camacho, seconded by Director Elie, the motion carried (3:2):

**M2019-7-4**

MOVED, to maintain the current position of "oppose" on SB 307 (Roth) and take no further action based on the updated information provided.

President Hofer thanked everyone who commented on SB 307.

**CONSENT ITEMS**

President Hofer 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 Elie, seconded by Director Camacho, and unanimously carried:

**M2019-7-1**

MOVED, to approve the Consent Calendar.

- A. The Board approved the total disbursements for the month of May 2019, in the amount of \$13,142,309.82.

Continued...

**M2019-7-1, continued**

**B. The Board:**

1. Executed the license agreement with BNSF Railway Company for a not-to-exceed amount of \$163,569; and
2. Authorized the General Manager to negotiate and execute the agreement, subject to non-substantive changes.

**C. The Board ratified the purchase of Agency-wide insurance policies providing coverage through Fiscal Year 2019/20, for the following amounts:**

- a. Excess General Liability insurance in the amount of \$406,495;
- b. Property, Boiler & Machinery insurance in the amount of \$328,580;
- c. Excess Workers' Compensation insurance in the amount of \$76,846; and
- d. Master Crime/Fraud insurance in the amount of \$19,948.

**D. The Board:**

1. Awarded a construction contract for the RP-1 Primary Effluent Conveyance Improvements Phase II, Project No. EN15012.01, to J.R. Filanc Construction, Inc., for the not-to-exceed amount of \$1,853,777; and
2. Authorized the General Manager to execute the contract, subject to non-substantive changes.

**ACTION ITEMS**

**APPROVAL FOR SUBMITTAL OF WIFIA LOAN APPLICATION**

Executive Manager of Finance & Administration/AGM Christina Valencia stated that the RP-5 Expansion Project is the largest project the Agency has undertaken. At \$325 million, it's important for the Agency to search out the lowest cost of financing to ensure the project is built at the lowest cost possible for the rate payers. Since 2003, the Agency has been successful in leveraging the State Revolving Fund (SRF) loans. She stated that the Agency issued an SRF application for the RP-5 Expansion Project and has been notified that the Agency was given 31 percent, \$101.5 million in SRF funding. She stated that another option is a federal program ran by the United States Environmental Protection Agency (EPA). The Water Infrastructure Finance and Innovation Act (WIFIA) is similar to the SRF loan program in that it is a low interest program. It is a different process than the SRF loan and authority from the Board is required to move forward with submittal of an application. She stated that it is highly competitive. The Agency submitted an application in 2017 for the RP-5 Expansion as well as the RP-1 Recovery Capacity. At that time, due to the timeline execution for the two projects over a ten-year period, the EPA recommended the letter of intent (LOI) be resubmitted with focus on a single project that can be completed within a 5-year period. She acknowledged the Engineering, Grants, and the Finance department for submitting a very comprehensive LOI. The RP-5 Expansion LOI application was one of 42 projects across the nation that was invited to apply. She stated for the Agency to move forward, a formal application must be submitted by December 2019. If approved by the Board, the application will be submitted by the end of July 2019. She stated that a \$100,000 application fee must be paid along with the application. If the application is approved, the filing fee can be applied against the loan or associated fees, which applies into our loan amount as a payment. WIFIA hires engineers,

analysts, legal assistants to go through the credit review process for every application that is submitted. Those fees are passed onto the applicants. She stated that the maximum amount the Agency is eligible for is 49 percent of the total project cost. Including the application fee, the cost of issuance is still low when compared to fees the Agency has paid when bonds have been issued in the market. She recommended that the Board approve for staff to move forward to submit a WIFIA loan application for the RP-5 Expansion Project.

Discussion ensued on past bond issues and application fees.

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

**M2019-7-2**

MOVED, to approve to apply for a WIFIA loan in the not-to-exceed amount of \$161,124,250 to finance the RP-5 Expansion project.

**APPOINTMENT OF AN ALTERNATE REPRESENTATIVE FOR SAWPA PROJECT AGREEMENT 23 AND PROJECT AGREEMENT 24**

General Manager Shivaji Deshmukh stated according to SAWPA's Joint Power's Agreement, SAWPA agencies must appoint representatives and alternate representatives to Project Agreements (PAs). He stated that Director Kati Parker has been appointed as the representative for both PA 23 and PA 24. He stated that the Board has not yet appointed the alternate representative for PA 23 and 24. Currently, Director Parker is the Agency's SAWPA representative and Director Hall is the alternate representative. Discussion ensued regarding other PA representatives and the different PAs.

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

**M2019-7-3**

MOVED, to:

1. Appoint Director Jasmin A. Hall as the alternate representative for the SAWPA PA 23; and
2. Appoint Director Jasmin A. Hall as an alternate representative for the SAWPA PA 24.

**INFORMATION ITEMS**

**ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES**

Deputy Manager of Engineering Jerry Burke gave a PowerPoint presentation on the Engineering and Construction Management project updates. He provided updates on the following projects: RP-5 RW Pipeline Bottleneck; RP-1 Flare Improvements; Baseline Recycled Water Pipeline Extension; RP-4 Outfall Pipeline Air Release Valve Replacement/Relocation; CBWM Pomona Extensometer Construction; and Montclair Basin Improvements.

Discussion ensued regarding change orders, amendments, and details on the projects.

### **MWD UPDATE**

Manager of Government Relations Cathleen Pieroni noted that this has been a wet year and there have been low demands locally, which has resulted in the need for storage. She gave an overview of the storage of state systems and Colorado River system. She stated that the newly appointed Secretary of Natural Resources Mr. Wade Crowfoot came to speak at the MWD Committee regarding moving the Delta Conveyance, formerly known as the California WaterFix, process forward. She gave an overview of the timeline and modeling of the Delta Conveyance.

Discussion ensued regarding the water released into the ocean and the Notice of Preparation (NOP).

### **CBWM UPDATE**

General Manager Shivaji Deshmukh stated that staff submitted comments on the storage needs for the Optimum Basin Management Program (OBMP). In June 2019, the 2018 Annual Prado Adaptive Management Plan report was received and filed with no significant comments received.

### **SAWPA UPDATE**

Source Control/Environmental Resources Supervisor Craig Proctor stated at the July 2 Commission meeting, Orange County Water District's Director of Water Quality and Technical Resources Jason Dadakis gave a presentation on perfluorooctanoic acid (PFAS). Twelve Orange County Water District water retailers received testing orders and have found PFAS in their wells greater than the state's Division of Drinking Water notification levels. The Division of Drinking Water suggests any retailers to discontinue using any source with a contamination greater than the interim state drinking water response level. If the water districts continue to use the wells, the Division of Drinking Water recommends extensive monitoring and public notification. Mr. Proctor gave an overview of how this has impacted the Agency and staff's plans moving forward. He also stated that Department of Drinking Water informed SAWPA that the OWOW Prop 1 Integrated Regional Water Management grant submittal plan is 100 percent compliant.

Discussion ensued regarding the notification levels, impacts on water retailers, and letters received regarding the PFAS matter.

### **CHINO BASIN PROJECT UPDATE**

General Manager Shivaji Deshmukh stated that he and the Manager of Planning & Environmental Resources Sylvie Lee traveled to Sacramento where he observed how well represented the Agency is working with the Department of Water Resources (DWR) and Department of Fish and Wildlife. He stated that Ms. Lee coordinated with the Agency's consultants, GEI, Mark Cowin, and Roger Putty for the meetings that took place in Sacramento. She also coordinated with MWD staff members to exhibit a united front in meeting with the agencies.

Ms. Lee stated that the meetings were beneficial to ensure that conversation takes place between DWR and the state water contractors. She stated that having MWD staff in the room for the conversation was effective and MWD staff have been increasingly more engaged. The discussion with the Department of Fish & Wildlife was also productive because it allowed them to consider concepts that haven't been considered in the past. She also stated that Mr. Deshmukh sent out a letter that was received from the Agency's contracting agencies. She gave an update on progress and plans of the Agency's response to the letter.

Discussion ensued regarding the timeframe of the response to the letter.



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

**TREASURER'S REPORT OF FINANCIAL AFFAIRS**

**PUBLIC OUTREACH AND COMMUNICATION**

**STATE LEGISLATIVE REPORT AND MATRIX FROM WEST COAST ADVISORS**

**FEDERAL LEGISLATIVE REPORT AND MATRIX FROM INNOVATIVE FEDERAL STRATEGIES**

**CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT**

**2018 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE**

**4<sup>TH</sup> QUARTER PLANNING & ENVIRONMENTAL RESOURCES UPDATE**

**AGENCY REPRESENTATIVES' REPORTS**

**SAWPA REPORT**

Director Parker had nothing further to report.

**MWD REPORT**

Director Hall had nothing further to report.

**REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT**

There was nothing to report.

**CHINO BASIN WATERMASTER REPORT**

Director Elie stated that the employment contract with General Manager Peter Kavounas was completed. He stated that the joint meeting with CBWM and IEUA was well received from the CBWM pools and individuals.

**CHINO BASIN DESALTER AUTHORITY REPORT**

There was nothing additional to report.

**INLAND EMPIRE REGIONAL COMPOSTING AUTHORITY**

President Hofer stated that the next IERCA Board meeting is scheduled for August 5, 2019.

**GENERAL MANAGER'S REPORT**

General Manager Shivaji Deshmukh stated that staff is hosting a tour for future leaders of the United States Army Corp of Engineers to highlight our LEED Platinum Building. He stated that staff is planning to release a scope of work for a request for proposals (RFP) for support on the strategic planning process. He stated that he has worked with executive management to draft approximately 20 goals that will be presented to the Board of Directors most likely in September. He stated that the new Manager of Human Resources will begin on August 12<sup>th</sup>.

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

Director Elie stated that he would like an information item addressing whether any of the member agencies, water providers, or sewerage agencies are within disadvantaged communities or if there are pockets within their service areas. He stated that he would like a better understanding of what qualifies as disadvantage community within the service areas.

## **DIRECTORS' COMMENTS**

Director Parker stated she attended the 2019 City of Chino State of the City event on June 26. Director Parker requested that the Agency purchase a table at this event in the future.

Director Hall stated she attended the Technical Environmental Analytical Meeting at Babcock Laboratories on June 20; the Future of the Cities Symposium – State of the Subregional Dinner on June 20; the Fontana Chamber of Commerce 78<sup>th</sup> Annual Board of Directors Installation Gala on June 21; the Building Industry Association of Southern California, Baldy View Chapter Housing Policy Conference on June 28; and the Association of the San Bernardino County Special Districts Meeting on July 15.

Director Elie stated he attended the 2019 City of Chino State of the City event on June 26 and the Chino Hills Independence Celebration on July 3.

## **CLOSED SESSION**

The Board went into Closed Session at 12:20 p.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; B. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)4 – CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION: One case ; C. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)2 – CONFERENCE WITH LEGAL COUNSEL – POTENTIAL LITIGATION: Two Cases.

The meeting resumed at 1:03 p.m., and General Counsel Jean Cihigoyenette stated that the below-mentioned matters were discussed in Closed Session, and the Board with Director Camacho absent, 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 took no reportable action

Regarding Conference with Legal Counsel – Anticipated Litigation:

Case #1

The Board unanimously voted to treat the June 18, 2019 letter from the Allen Matkins as a tort claim and a claim for damages, and rejected the claim by unanimous vote.

Regarding Conference with Legal Counsel – Potential Litigation:

Case #1

The Board took no reportable action.

Regarding Conference with Legal Counsel – Potential Litigation:

Case #2

The Board took no reportable action.

With no further business, Vice President Hall adjourned the meeting at 1:04 p.m.

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Kati Parker, Secretary/Treasurer

**APPROVED: AUGUST 21, 2019**

DRAFT

**CONSENT  
CALENDAR  
ITEM**

**3B**

**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager SD

**Committee:** Finance & Administration

08/14/19

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

**Subject:** Report on General Disbursements

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**Executive Summary:**

Total disbursements for the month of June 2019 were \$19,764,929.64. Disbursement activity included check payments of \$4,991,732.93 to vendors and \$5,560.94 for worker's compensation related costs. Electronic payments included Automated Clearing House (ACH) of \$3,673,530.43 and wire transfers (excluding payroll) of \$9,484,798.86. Total payroll was \$1,602,865.70 for employees and \$6,440.78 for the Board of Directors.

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**Staff's Recommendation:**

Approve the total disbursements for the month of June 2019, in the amount of \$19,764,929.64.

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**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:**

On July 17, 2019 the Board of Directors approved the May 2019 Report on General Disbursements totaling \$13,142,309.82.

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**Environmental Determination:**

Not Applicable

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**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.

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**Attachments:**

Attachment 1 - Background

Attachment 2 - Details of General Disbursements

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# Attachment 1 - Background

Subject: Report on General Disbursements

Table 1 summarizes the disbursements detailed in each of the six attachments affixed to this letter. Table 2 lists the disbursements in excess of an aggregated \$500,000 per vendor, and is presented in largest to smallest dollar value.

**Table 1: Disbursement Details**

Attachment	Payment Type	Amount
2A	Vendor Checks	\$ 4,991,732.93
2B	Workers' Comp Checks	\$ 5,560.94
2C	Vendor ACHs	\$ 3,673,530.43
2D	Vendor Wires (excludes Payroll)	\$ 9,484,798.86
2E	Payroll-Net Pay-Directors	\$ 6,440.78
2F	Payroll-Net Pay-Employees	\$ 1,602,865.70
<b>Total Disbursements</b>		<b>\$19,764,929.64</b>

**Table 2: Disbursements in Excess of \$500,000 per Vendor**

Vendor	Amount	Description
MWD	\$ 5,722,177.32	April 2019 Water Purchases
CALPERS	\$ 2,000,000.00	CalPERS OPEB Unfunded Liability
STATE WATER RESOURCES CONTROL BOARD	\$ 1,616,720.97	SRF Loan Pymt #11 C064899-110 SRF Loan Pymt #14 C064846-140
PARSONS WATER & INFRASTRUCTURE	\$ 914,519.32	04/2019 Professional Svc's for: EN19001-RP-5 Expansion to 30 mgd
PERS	\$ 857,075.97	06/19 Health Ins / P/R 11, 12, 13 Def Comp
IRS	\$ 694,008.19	P/R 12, 13: Dir 06 Payroll Taxes

# Attachment 2A

## Vendor Checks



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

Check

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
228950	2200099712	06/06/2019	USD	103.17	AGILENT TECHNOLOGIES INC LOS ANGELES CA	
228951	2200099702	06/06/2019	USD	1,530.08	AIRGAS WEST INC PASADENA CA	06/10/2019
228952	2200099699	06/06/2019	USD	6,010.63	APPLIED INDUSTRIAL TECHNOLOGIEPASADENA CA	06/10/2019
228953	2200099733	06/06/2019	USD	2,662.37	ASAP INDUSTRIAL SUPPLY FONTANA CA	06/10/2019
228954	2200099737	06/06/2019	USD	25.77	AUTOZONE WEST INC MEMPHIS TN	06/11/2019
228955	2200099740	06/06/2019	USD	1,956.52	BERLIN PACKAGING LLC CHICAGO IL	06/14/2019
228956	2200099728	06/06/2019	USD	3,119.29	BRAY SALES SOUTHERN CA ONTARIO CA	06/10/2019
228957	2200099749	06/06/2019	USD	1,360.00	BRI COMMUNICATIONS LA QUINZA CA	06/12/2019
228958	2200099741	06/06/2019	USD	16,187.00	BRIGHTVIEW LANDSCAPE SERVICES PASADENA CA	06/11/2019
228959	2200099758	06/06/2019	USD	1,422.15	BURRTEC WASTE INDUSTRIES INC FONTANA CA	06/10/2019
228960	2200099708	06/06/2019	USD	179.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	06/12/2019
228961	2200099713	06/06/2019	USD	640.64	CALIFORNIA NEWSPAPER SERVICE BLOS ANGELES CA	06/18/2019
228962	2200099767	06/06/2019	USD	413.54	CAMACHO, MICHAEL CHINO HILLS CA	06/12/2019
228963	2200099764	06/06/2019	USD	17.21	CAMBIASO, PIETRO CHINO HILLS CA	06/13/2019
228964	2200099763	06/06/2019	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	06/17/2019
228965	2200099765	06/06/2019	USD	360.00	CARRUTHERS, ANDREA CHINO HILLS CA	06/11/2019
228966	2200099720	06/06/2019	USD	1,522.50	CASC ENGINEERING AND CONSULTINCOLTON CA	06/17/2019
228967	2200099709	06/06/2019	USD	19,579.50	CHINO BASIN WATER CONSERVATIONMONTCLAIR CA	06/12/2019
228968	2200099707	06/06/2019	USD	14,476.53	CHINO BASIN WATERMASTER RANCHO CUCAMONGA CA	06/12/2019
228969	2200099727	06/06/2019	USD	3,577.24	CINTAS CORPORATION LOC#150 PHOENIX AZ	06/12/2019
228970	2200099762	06/06/2019	USD	394.00	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	06/14/2019
228971	2200099752	06/06/2019	USD	1,330.62	CITY OF CHINO CHINO CA	06/11/2019
228972	2200099735	06/06/2019	USD	27,969.00	CIVIC PUBLICATIONS INC LA VERNE CA	06/10/2019
228973	2200099742	06/06/2019	USD	4,337.50	CIVILTEC ENGINEERING, INC. MONROVIA CA	06/10/2019
228974	2200099695	06/06/2019	USD	1,838.61	COLE FARMER INSTRUMENT CO CHICAGO IL	06/18/2019
228975	2200099729	06/06/2019	USD	826.00	CONCEVIRA MEDICAL CENTERS RANCHO CUCAMONGA CA	06/10/2019
228976	2200099718	06/06/2019	USD	469.20	COUNTY OF SAN BERNARDINO SAN BERNARDINO CA	06/17/2019
228977	2200099754	06/06/2019	USD	614.94	CUCAMONGA VALLEY WATER DISTRICTLOS ANGELES CA	06/14/2019
228978	2200099704	06/06/2019	USD	13.98	CUCAMONGA VALLEY WATER DISTRICTRANCHO CUCAMONGA CA	06/11/2019
228979	2200099732	06/06/2019	USD	3,870.00	DAVID WHEELER'S PEST CONTROL, NORCO CA	06/12/2019
228980	2200099743	06/06/2019	USD	500.00	DEBBY FIGONI BEVERLY HILLS CA	06/10/2019
228981	2200099736	06/06/2019	USD	945.00	EUROFINS EATON ANALYTICAL LLC GRAPEVINE TX	06/12/2019
228982	2200099719	06/06/2019	USD	7,975.00	EXTITI INC BELL CANYON CA	06/11/2019
228983	2200099697	06/06/2019	USD	1,518.37	FISHER SCIENTIFIC LOS ANGELES CA	06/17/2019
228984	2200099757	06/06/2019	USD	741.84	FONTANA WATER COMPANY FONTANA CA	06/10/2019
228985	2200099761	06/06/2019	USD	19.76	FRANCHISE TAX BOARD SACRAMENTO CA	06/12/2019
228986	2200099759	06/06/2019	USD	2,121.03	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	06/18/2019
228987	2200099726	06/06/2019	USD	19,337.17	GET CONSULTANTS INC BOSTON MA	06/13/2019
228988	2200099703	06/06/2019	USD	931.18	GRAINGER PALATINE IL	06/11/2019
228989	2200099769	06/06/2019	USD	50.00	Gonzalez, Leo Montclair CA	06/11/2019
228990	2200099698	06/06/2019	USD	340.59	HOME DEPOT CREDIT SERVICES PHOENIX AZ	06/12/2019
228991	2200099760	06/06/2019	USD	51.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	06/11/2019
228992	2200099710	06/06/2019	USD	450.25	INLAND OVERHEAD DOOR CO COLTON CA	06/11/2019
228993	2200099748	06/06/2019	USD	21,813.70	INTEGRA INCORPORATED AUSTIN TX	06/11/2019

Bank		CBB		CITIZENS BUSINESS BANK		ONTARIO CA 91761000	
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	
228994	2200099722	06/06/2019	USD	23,806.48	KENNEDY/JENKS CONSULTANTS INC SAN FRANCISCO CA		
228995	2200099734	06/06/2019	USD	1,497.29	KIM'S MASTER AUTO REPAIR CHINO CA	06/12/2019	
228996	2200099751	06/06/2019	USD	8,050.00	LA OPINION LOS ANGELES CA	06/11/2019	
228997	2200099731	06/06/2019	USD	798.90	MAILFINANCE INC DALLAS TX	06/11/2019	
228998	2200099746	06/06/2019	USD	4,660.04	MANAGED MOBILE INC PLACENTIA CA	06/12/2019	
228999	2200099714	06/06/2019	USD	106.24	MIDPOINT BEARING ONTARIO CA	06/10/2019	
229000	2200099766	06/06/2019	USD	212.98	O'BRIEN, MICHELLE CHINO HILLS CA	06/10/2019	
229001	2200099696	06/06/2019	USD	611.60	OFFICE DEPOT PHOENIX AZ	06/17/2019	
229002	2200099753	06/06/2019	USD	304.00	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	06/11/2019	
229003	2200099747	06/06/2019	USD	3,313.31	PACIFIC COURIERS INC EL MONTE CA	06/10/2019	
229004	2200099768	06/06/2019	USD	239.23	PIERONI, CATHLEEN CHINO HILLS CA	06/12/2019	
229005	2200099723	06/06/2019	USD	2,330.62	PONTON INDUSTRIES INC YORBA LINDA CA	06/12/2019	
229006	2200099700	06/06/2019	USD	1,296.20	RMA GROUP RANCHO CUCAMONGA CA	06/17/2019	
229007	2200099717	06/06/2019	USD	3,000.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	06/21/2019	
229008	2200099716	06/06/2019	USD	3,985.11	SAN BERNARDINO COUNTY SAN BERNARDINO CA	06/18/2019	
229009	2200099755	06/06/2019	USD	47,950.49	SO CALIF EDISON ROSEMEAD CA	06/14/2019	
229010	2200099756	06/06/2019	USD	2,076.40	SO CALIF GAS MONTEREY PARK CA	06/11/2019	
229011	2200099744	06/06/2019	USD	59.83	SPORT PINS INTERNATIONAL INC UPLAND CA	06/13/2019	
229012	2200099738	06/06/2019	USD	697.33	STAFFING NETWORK LLC CAROL STREAM IL	06/11/2019	
229013	2200099706	06/06/2019	USD	50,000.00	STANDARD & POOR'S CHICAGO IL	06/12/2019	
229014	2200099725	06/06/2019	USD	37,318.80	STANTEC CONSULTING INC CHICAGO IL	06/10/2019	
229015	2200099745	06/06/2019	USD	8,720.50	TECHNICAL SYSTEMS INC LYNNWOOD WA	06/10/2019	
229016	2200099730	06/06/2019	USD	2,406.45	THOMAS HARDER & CO INC ANAHEIM CA	06/11/2019	
229017	2200099701	06/06/2019	USD	840.29	UNDERGROUND SERVICE ALERT/SC CORONA CA	06/12/2019	
229018	2200099739	06/06/2019	USD	12,859.37	UTILIQUEST LLC ATLANTA GA	06/13/2019	
229019	2200099715	06/06/2019	USD	8,364.02	VERIZON WIRELESS DALLAS TX	06/10/2019	
229020	2200099721	06/06/2019	USD	4,560.00	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	06/11/2019	
229021	2200099711	06/06/2019	USD	4,080.72	WASTE MANAGEMENT OF LOS ANGELES CA	06/12/2019	
229022	2200099705	06/06/2019	USD	263.00	WATER ENVIRONMENT FEDERATION BALTIMORE MD	06/12/2019	
229023	2200099750	06/06/2019	USD	42,666.00	WESTIN TECHNOLOGY SOLUTIONS LLMILWAUKEE WI	06/14/2019	
229024	2200099724	06/06/2019	USD	981.24	WORLDWIDE EXPRESS PASADENA CA	06/12/2019	
229025	2200099809	06/13/2019	USD	138.35	AGILENT TECHNOLOGIES INC LOS ANGELES CA	06/10/2019	
229026	2200099791	06/13/2019	USD	855.96	AIRGAS WEST INC PASADENA CA	06/17/2019	
229027	2200099842	06/13/2019	USD	188.02	AMERICAN HERITAGE LIFE INSURANDALLAS TX	06/17/2019	
229028	2200099822	06/13/2019	USD	1,470.00	AMERICAN PRINTING & PROMOTIONSCHINO CA	06/20/2019	
229029	2200099795	06/13/2019	USD	2,043.20	APPLEONE EMPLOYMENT SERVICES GLENDALE CA	06/19/2019	
229030	2200099828	06/13/2019	USD	2,690.31	BRIGHVIEW LANDSCAPE SERVICES PASADENA CA	06/18/2019	
229031	2200099848	06/13/2019	USD	21.82	BUCHANAN, JAMES CHINO HILLS CA	06/17/2019	
229032	2200099799	06/13/2019	USD	376.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	06/18/2019	
229033	2200099813	06/13/2019	USD	13,506.76	CALIFORNIA BOILER INC HUNTINGTON BEACH CA	06/25/2019	
229034	2200099834	06/13/2019	USD	6,555.52	CALIFORNIA WATER EFFICIENCY SACRAMENTO CA	06/17/2019	
229035	2200099801	06/13/2019	USD	9,566.10	CHAMPION NEWSPAPERS CHINO CA	06/21/2019	
229036	2200099800	06/13/2019	USD	12,411.59	CHINO BASIN WATER CONSERVATIONMONTCLAIR CA	07/02/2019	
229037	2200099798	06/13/2019	USD	2,257.78	CHINO BASIN WATERMASTER RANCHO CUCAMONGA CA	06/21/2019	06/19/2019







Bank		CITIZENS BUSINESS BANK		ONTARIO CA 917610000		
Bank Key		122234149				
Acct number		CHECK 231167641				
Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
229170	2200099939	06/20/2019	USD	130,539.69	TERRA PAVE INC WHITTIER CA	07/01/2019
229171	2200100010	06/20/2019			voided by KMOCHRIS - Check not needed	06/20/2019
229172	2200099958	06/20/2019	USD	10,500.00	TONY PAINTING GARDEN GROVE CA	06/25/2019
229173	2200099925	06/20/2019	USD	203,775.00	TRALIWEIN CONSTRUCTION INC RANCHO CUCAMONGA CA	06/27/2019
229174	2200099951	06/20/2019	USD	945.25	TRIPLEPT SMITH AND ASSOCIATES, IRVINE CA	06/26/2019
229175	2200099918	06/20/2019	USD	1,000.00	U S BANK NA MINNEAPOLIS MN	06/24/2019
229176	2200100000	06/20/2019	USD	40.00	VELARDE, TERESA CHINO HILLS CA	07/08/2019
229177	2200099987	06/20/2019	USD	458.17	VERIZON BUSINESS ALBANY NY	06/25/2019
229178	2200099920	06/20/2019	USD	916.48	WORLDWIDE EXPRESS ALBANY NY	07/02/2019
229179	2200100195	06/27/2019	USD	2,124.46	AIRGAS WEST INC PASADENA CA	07/01/2019
229180	2200100210	06/27/2019	USD	105.00	AMERICAN WATER WORKS ASSOC DALLAS TX	07/03/2019
229181	2200100260	06/27/2019	USD	511.48	ANDERSON, JOHN CHINO CA	07/01/2019
229182	2200100212	06/27/2019	USD	11,655.18	ANTHRACITE FILTER MEDIA CO LOS ANGELES CA	07/02/2019
229183	2200100234	06/27/2019	USD	1,003.01	ASAP INDUSTRIAL SUPPLY FONTANA CA	07/03/2019
229184	2200100236	06/27/2019	USD	1,098.99	AUTOZONE INC ATLANTA GA	07/02/2019
229185	2200100276	06/27/2019	USD	157.02	BECKER, NIKI CHINO HILLS CA	07/03/2019
229186	2200100209	06/27/2019	USD	12,002.65	BLACK & VEATCH CORPORATION KANSAS CITY MO	07/02/2019
229187	2200100256	06/27/2019	USD	187.74	BREIG, ANNA VICTORVILLE CA	
229188	2200100202	06/27/2019	USD	500.00	CALIF MUNICIPAL STATISTICS INCOAKLAND CA	
229189	2200100208	06/27/2019	USD	188.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	
229190	2200100216	06/27/2019	USD	17,305.74	CALIFORNIA BOILER INC HUNTINGTON BEACH CA	07/11/2019
229191	2200100232	06/27/2019	USD	599.09	CARRIER CORPORATION CHICAGO IL	07/02/2019
229192	2200100219	06/27/2019	USD	12,315.00	CASC ENGINEERING AND CONSULTINCOLTON CA	07/01/2019
229193	2200100207	06/27/2019	USD	25,883.16	CHINO BASIN WATERMASTER RANCHO CUCAMONGA CA	07/05/2019
229194	2200100218	06/27/2019	USD	3,448.77	CHINO MFG & REPAIR INC CHINO CA	07/05/2019
229195	2200100273	06/27/2019	USD	300.00	CHOU, RONALD CHINO HILLS CA	07/01/2019
229196	2200100227	06/27/2019	USD	4,062.43	CINTAS CORPORATION LOC#150 PHOENIX AZ	07/05/2019
229197	2200100217	06/27/2019	USD	209.89	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	07/03/2019
229198	2200100199	06/27/2019	USD	646.03	CITY OF CHINO CHINO CA	07/02/2019
229199	2200100203	06/27/2019	USD	249.00	CITY OF FONTANA FONTANA CA	07/02/2019
229200	2200100191	06/27/2019	USD	325.82	COLE FARMER INSTRUMENT CO CHICAGO IL	07/03/2019
229201	2200100261	06/27/2019	USD	334.26	COLONIAL LIFE & ACCIDENT INSURCOLUMBIA SC	07/02/2019
229202	2200100229	06/27/2019	USD	527.00	CONCENTRA MEDICAL CENTERS RANCHO CUCAMONGA CA	07/08/2019
229203	2200100246	06/27/2019	USD	20,425.00	CST SERVICES INC SANTA CLARITA CA	07/08/2019
229204	2200100239	06/27/2019	USD	778.53	D & H WATER SYSTEMS INC OCEANSIDE CA	07/02/2019
229205	2200100233	06/27/2019	USD	1,065.00	DAVID WHEELER'S PEST CONTROL, NORCO CA	07/02/2019
229206	2200100205	06/27/2019	USD	52,305.32	DELL MARKETING L P PASADENA CA	07/05/2019
229207	2200100222	06/27/2019	USD	4,375.38	DELL MARKETING L P PASADENA CA	07/01/2019
229208	2200100237	06/27/2019	USD	8,512.31	ENVIRONMENTAL SCIENCE ASSOCIATELK GROVE IL	07/02/2019
229209	2200100266	06/27/2019	USD	2,221.51	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	07/03/2019
229210	2200100192	06/27/2019	USD	188.69	FISHER SCIENTIFIC LOS ANGELES CA	07/03/2019
229211	2200100204	06/27/2019	USD	13,480.23	FLUID COMPONENTS INTERNATIONALSAN MARCOS CA	07/01/2019
229212	2200100196	06/27/2019	USD	2,833.60	FLUID METERING INC ATLANTA GA	07/02/2019
229213	2200100201	06/27/2019	USD	494.15	FONTANA HERALD NEWS FONTANA CA	07/01/2019

Bank	CEB	CITIZENS BUSINESS BANK	ONTARIO CA 91761000
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
229214	2200100247	06/27/2019	USD	846.43	FRONTLINE SENSORS & SYSTEMS INWILMINGTON CA	
229215	2200100226	06/27/2019	USD	58,916.12	GRI CONSULTANTS INC BOSTON MA	07/02/2019
229216	2200100245	06/27/2019	USD	9,761.07	GOAL PRODUCTIONS INC GLENDALE CA	07/02/2019
229217	2200100221	06/27/2019	USD	270.00	GOLDEN STATE LABOR COMPLIANCE PALMDALE CA	07/10/2019
229218	2200100198	06/27/2019	USD	2,442.02	GRAINGER PALATINE IL	07/10/2019
229219	2200100278	06/27/2019	USD	50.00	Gomez, Debra Ontario CA	07/02/2019
229220	2200100269	06/27/2019	USD	339.94	HAMLETT, DONALD CHINO HILLS CA	07/02/2019
229221	2200100206	06/27/2019	USD	12,781.00	HDR INC CHICAGO IL	07/15/2019
229222	2200100259	06/27/2019	USD	511.48	HOBBS, DIANA APPLE VALLEY CA	07/02/2019
229223	2200100193	06/27/2019	USD	412.78	HOME DEPOT CREDIT SERVICES PHOENIX AZ	07/03/2019
229224	2200100257	06/27/2019	USD	511.48	HORNE, WILLIAM YUCCA VALLEY CA	07/08/2019
229225	2200100271	06/27/2019	USD	140.05	HUBER, JENNIFER CHINO HILLS CA	07/02/2019
229226	2200100194	06/27/2019	USD	220.86	INLAND VALLEY DAILY BULLETIN COVINA CA	07/09/2019
229227	2200100252	06/27/2019	USD	3,500.00	INTEX PROPERTIES INLAND EMPIRELONG BEACH CA	07/08/2019
229228	2200100270	06/27/2019	USD	195.16	JOHNSON, LINDA CHINO HILLS CA	07/12/2019
229229	2200100235	06/27/2019	USD	1,734.49	KIM'S MASTER AUTO REPAIR CHINO CA	07/02/2019
229230	2200100243	06/27/2019	USD	10,100.00	LANCE SOLL & LUNGHARD LLP BREA CA	07/02/2019
229231	2200100215	06/27/2019	USD	3,422.60	LEE & RO INC CITY OF INDUSTRY CA	07/01/2019
229232	2200100265	06/27/2019	USD	253.15	LEGALSHIELD ADA OK	07/02/2019
229233	2200100263	06/27/2019	USD	14,984.37	LIFE INSURANCE COMPANY OF PHILADELPHIA PA	07/05/2019
229234	2200100242	06/27/2019	USD	2,218.33	MANAGED MOBILE INC PLACENTIA CA	07/05/2019
229235	2200100267	06/27/2019	USD	79.00	MELTON, DANIEL CHINO HILLS CA	07/02/2019
229236	2200100248	06/27/2019	USD	13,361.65	MICHAEL BAKER INTERNATIONAL INLOS ANGELES CA	07/08/2019
229237	2200100211	06/27/2019	USD	64.41	MIDPOINT BEARING ONTARIO CA	07/02/2019
229238	2200100258	06/27/2019	USD	806.38	MILLER, ELMER L BLUE JAY CA	07/01/2019
229239	2200100244	06/27/2019	USD	45,762.50	MWH CONSTRUCTORS INC BROOMFIELD CO	07/02/2019
229240	2200100241	06/27/2019	USD	2,050.00	NYHART INDIANAPOLIS IN	07/02/2019
229241	2200100262	06/27/2019	USD	205.38	PERS LONG TERM CARE PROGRAM PASADENA CA	07/02/2019
229242	2200100197	06/27/2019	USD	712.11	PEITY CASH EXPENDITURES CHINO CA	07/01/2019
229243	2200100251	06/27/2019	USD	4,760.00	RBC RESOURCES MURRIETA CA	07/03/2019
229244	2200100268	06/27/2019	USD	30.50	RODRIGUEZ, VICTOR CHINO HILLS CA	07/08/2019
229245	2200100274	06/27/2019	USD	19.05	RUCKER, JOYCE CHINO HILLS CA	
229246	2200100230	06/27/2019	USD	530.14	SAFE-ENTRY TECHNICAL INC RANCHO CUCAMONGA CA	07/02/2019
229247	2200100214	06/27/2019	USD	122.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	07/03/2019
229248	2200100275	06/27/2019	USD	53.36	SCHERCK, JOHN CHINO HILLS CA	07/03/2019
229249	2200100254	06/27/2019	USD	338.14	SO CALIF EDISON ROSEMEAD CA	07/05/2019
229250	2200100255	06/27/2019	USD	173.52	SO CALIF GAS MONTEREY PARK CA	07/01/2019
229251	2200100200	06/27/2019	USD	86,610.63	SOUTH COAST AQMD DIAMOND BAR CA	07/03/2019
229252	2200100238	06/27/2019	USD	1,664.60	STAFFING NETWORK LLC CAROL STREAM IL	07/11/2019
229253	2200100225	06/27/2019	USD	13,515.86	STANTEC CONSULTING INC CHICAGO IL	07/03/2019
229254	2200100228	06/27/2019	USD	7,740.36	SUN WIRELESS SAN DIEGO CA	07/01/2019
229255	2200100224	06/27/2019	USD	337,617.30	SWRCB ACCOUNTING OFFICE SACRAMENTO CA	07/03/2019
229256	2200100272	06/27/2019	USD	266.55	TANG, KEVIN CHINO CA	07/03/2019
229257	2200100213	06/27/2019	USD	3,047.17	TELEDYNE INSTRUMENTS INC CHICAGO IL	07/02/2019

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
Bank CBB CITIZENS BUSINESS BANK Bank Key 122234149 Acct number CHECK 231167641 ONTARIO CA 917610000						
Check						
229258	2200100240	06/27/2019	USD	2,424.15	THE HABIT RESTAURANT, LLC IRVINE CA	
229259	2200100277	06/27/2019	USD	120.00	THOMPSON, CHRISTINE CHINO HILLS CA	07/09/2019
229260	2200100249	06/27/2019	USD	201.76	TRANSENE COMPANY INC DANVERS MA	07/01/2019
229261	2200100223	06/27/2019	USD	1,077.50	URIMAGE BLOOMINGTON CA	07/09/2019
229262	2200100231	06/27/2019	USD	14,763.72	US BANK VOYAGER FLEET SYSTEMS KANSAS CITY MO	
229263	2200100253	06/27/2019	USD	3,500.00	VALLEY CITIES GONZALES FENCE INORCO CA	07/02/2019
229264	2200100220	06/27/2019	USD	209,875.00	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	07/01/2019
229265	2200100250	06/27/2019	USD	72,179.15	WATER SYSTEMS CONSULTING INC SAN LUIS OBISPO CA	07/03/2019
229266	2200100264	06/27/2019	USD	25.00	WILCO LIFE INSURANCE COMPANY CHARLOTTE NC	07/02/2019
229267	2200100281	06/27/2019	USD	1,500.00	TOTALFUNDS BY HASLER CAROL STREAM IL	07/05/2019
* Payment method Check			USD	4,991,732.93		



Total of all entries

Check Register  
CBB Disbursement Account-June 2019

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Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	4,991,732.93		

## Attachment 2B

# Workers' Comp Checks

Bank CBB CITIZENS BUSINESS BANK  
 Bank Key 122234149  
 Acct number WCOMP 231159290

ONTARIO CA 917610000

Checks created manually

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
05144	2200100282	06/05/2019	USD	72.97	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05145	2200100283	06/05/2019	USD	161.84	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/10/2019
05146	2200100284	06/05/2019	USD	109.69	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/07/2019
05147	2200100285	06/12/2019	USD	179.62	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/12/2019
05148	2200100286	06/12/2019	USD	1,376.04	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/19/2019
05149	2200100287	06/12/2019	USD	229.87	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/19/2019
05150	2200100288	06/12/2019	USD	82.74	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/18/2019
05151	2200100289	06/12/2019	USD	8.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/18/2019
05152	2200100290	06/12/2019	USD	12.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/19/2019
05153	2200100291	06/12/2019	USD	102.44	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/19/2019
05154	2200100292	06/12/2019	USD	384.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/17/2019
05155	2200100293	06/19/2019	USD	25.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/18/2019
05156	2200100294	06/19/2019	USD	491.47	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/21/2019
05157	2200100295	06/19/2019	USD	725.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/21/2019
05158	2200100296	06/19/2019	USD	32.54	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/21/2019
05159	2200100297	06/19/2019	USD	446.78	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/21/2019
05160	2200100298	06/26/2019	USD	827.42	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	06/26/2019
05161	2200100299	06/26/2019	USD	18.15	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	07/10/2019
05162	2200100300	06/26/2019	USD	93.86	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	07/03/2019
05163	2200100301	06/26/2019	USD	169.51	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	07/01/2019
05164	2200100302	06/26/2019	USD	12.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	07/03/2019
* Payment method Checks created manually			USD	5,560.94		

Total of all entries

Check Register  
CBB Workers Comp Account-June 2019

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User: CCAMPBEL  
Page: 2

Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	5,560.94		

# Attachment 2C

## Vendor ACHs

Check	Payee / Description	Amount
ACH	ICMA RETIREMENT TRUST 457 P/R 12 6/7/19 Deferred Comp Ded	HR 0079100 19,229.18
	ICMA RETIREMENT TRUST 457	\$ 19,229.18
ACH	LINCOLN NATIONAL LIFE INS CO P/R 12 6/7/19 Deferred Comp Ded	HR 0079100 22,468.33
	LINCOLN NATIONAL LIFE INS CO	\$ 22,468.33
ACH	ICMA RETIREMENT TRUST 401 P/R 12 6/7/19 Deferred Comp Ded	HR 0079100 5,646.90
	ICMA RETIREMENT TRUST 401	\$ 5,646.90
ACH	AQUA BEN CORPORATION DAFT-4,600 Lbs Hydrofloc 748E DAFT-4,600 Lbs Hydrofloc 748E RP2-23,000 Lbs Hydrofloc 748E	38818 4,361.72 38872 4,361.72 38851 21,808.60
	AQUA BEN CORPORATION	\$ 30,532.04
ACH	UNIVAR USA INC CCWRP-12,433 Lbs Sodium Bisulfite TP1-11,274 Lbs Sodium Bisulfite RP5-12,691 Lbs Sodium Bisulfite	LA723848 2,898.92 LA724311 2,628.83 LA724128 2,959.06
	UNIVAR USA INC	\$ 8,486.81
ACH	R F MACDONALD RP1Mnt-Tune Boiler SN# FB1135-60W-1	274907 1,450.00
	R F MACDONALD	\$ 1,450.00
ACH	AMERICAN COMPRESSOR CO 22 Filter Mats	190360-P 203.62
	AMERICAN COMPRESSOR CO	\$ 203.62
ACH	THATCHER COMPANY OF CALIFORNIA CCWRP-10.889 Tons Aluminum Sulfate	264228 3,665.67
	THATCHER COMPANY OF CALIFORNIA	\$ 3,665.67
ACH	CAROLLO ENGINEERS RW15003/RW15004-4/2019 Professional Svcs EN17049-4/2019 Professional Svcs EN17043/EN17110-4/2019-Professional Svcs EN19001/EN19006-4/2019 Professional Svcs	0177027 213.39 0177028 13,360.40 0177120 31,773.00 0176783 30,855.00
	CAROLLO ENGINEERS	\$ 76,201.79
ACH	MCMASTER-CARR SUPPLY CO High Visibility Steel Sight Snap In Plugs,Diamond Tags	95898638 67.53 96259789 198.83
	MCMASTER-CARR SUPPLY CO	\$ 266.36

Check	Payee / Description		Amount
ACH	AUTOMATED GATE SERVICES INC RP2-Vehicle Loops for Swing Gate	134296	3,600.00
	AUTOMATED GATE SERVICES INC	\$	3,600.00
ACH	BABCOCK LABORATORIES, INC East End Solids Formation Study	BR90663-2045	288.00
	BABCOCK LABORATORIES, INC	\$	288.00
ACH	NATIONAL BUSINESS INVESTIGATIO Employee Background Chk MA,MPG	IEUA-1070	310.82
	NATIONAL BUSINESS INVESTIGATIO	\$	310.82
ACH	HACH COMPANY RP1Mnt-DPD Total Refill Vials	11457181	251.54
	HACH COMPANY	\$	251.54
ACH	CS-AMSCO AUMA Actuator Effluent Valve SA10.2/GK14.2/AM02.1 S/N - A082465	14744 14761	8,362.50 7,098.73
	CS-AMSCO	\$	15,461.23
ACH	OLIN CORP TP1-4,502 Gals Sodium Hypochlorite TP1-4,898 Gals Sodium Hypochlorite RP4-4,932 Gals Sodium Hypochlorite TP1-4,840 Gals Sodium Hypochlorite TP1-4,922 Gals Sodium Hypochlorite TP1-4,958 Gals Sodium Hypochlorite CCWRP-4,820 Gals Sodium Hypochlorite TP1-4,730 Gals Sodium Hypochlorite TP1-4,928 Gals Sodium Hypochlorite RP4-4,960 Gals Sodium Hypochlorite CCWRP-2,994 Gals Sodium Hypochlorite RP5-4,948 Gals Sodium Hypochlorite TP1-4,936 Gals Sodium Hypochlorite RP5-4,954 Gals Sodium Hypochlorite TP1-4,826 Gals Sodium Hypochlorite TP1-4,980 Gals Sodium Hypochlorite	2680991 2679350 2679349 2678206 2677420 2677419 2677418 2677037 2676371 2676370 2675556 2679351 2679827 2679828 2680268 2680584	3,772.68 3,791.05 3,817.37 3,746.16 3,809.63 3,837.49 3,730.68 3,963.74 3,814.27 3,839.04 2,508.97 3,829.75 3,820.46 3,834.40 3,735.32 3,854.52
	OLIN CORP	\$	59,705.53
ACH	ELECTRO-CHEMICAL DEVICES, INC 11 Membrane Replacement Kits	68270	2,320.78
	ELECTRO-CHEMICAL DEVICES, INC	\$	2,320.78
ACH	EPI-USE AMERICA INC 4/2019 HCM Consulting	263907631	1,550.00
	EPI-USE AMERICA INC	\$	1,550.00
ACH	MICROAGE Solstice Pod Gen3	2057888	985.00

Check	Payee / Description	Amount
	MICROAGE	\$ 985.00
ACH	CALIFORNIA WATER TECHNOLOGIES	
	RP1-17,556 lbs Ferric Chloride Solution 35252	3,824.96
	CCWRP-18,515 lbs Ferric Chloride Solutio 35279	4,033.97
	Phills-17,222 lbs Ferric Chloride Soluti 35276	3,752.22
	CALIFORNIA WATER TECHNOLOGIES \$	11,611.15
ACH	PRIORITY BUILDING SERVICES LLC	
	April 2019 Janitorial Service 63916	16,875.00
	PRIORITY BUILDING SERVICES LLC\$	16,875.00
ACH	ECOTECH SERVICES INC	
	4/19 Residential Home Pressure Regulatio 1432	7,797.10
	ECOTECH SERVICES INC \$	7,797.10
ACH	AMAZON BUSINESS	
	Staples,Color Coded Labels,Post-its 1X7L-HJK9-Y33	52.76
	4 Way Connector Plug 1LCT-X36F-RD1	10.79
	2 Hazmat Diamond Signs 1VXJ-H9DD-3M3	55.38
	2 Auburn Igniters 1WHY-K1Y9-HW9	98.77
	4 Killer Filter Replacements 1F63-N3WJ-4GF	195.39
	11 Ugly's Electrical References Books 1J9P-XW36-9NC	144.57
	Receptacle Threaded Cover 1WHY-K1Y9-J6M	53.70
	AMAZON BUSINESS \$	611.36
ACH	KEARNS & WEST	
	PL19002-4/19 Prof Svcs-Project 1717 016249	13,270.42
	KEARNS & WEST \$	13,270.42
ACH	ZENON ENVIRONMENTAL CORPORATIO	
	EN19001-3/1-3/31 Prof Svcs 99725714	60,000.00
	ZENON ENVIRONMENTAL CORPORATIO\$	60,000.00
ACH	REDWOOD ENERGY STORAGE II LLC	
	4/7-5/7/19 RP4 Energy Storage System Mgm 2	27,708.33
	REDWOOD ENERGY STORAGE II LLC \$	27,708.33
ACH	SHELL ENERGY NORTH AMERICA LP	
	4/19 Gas Cmndty-Core,2/19 Adj 1100002880304	63,159.52
	SHELL ENERGY NORTH AMERICA LP \$	63,159.52
ACH	IEUA EMPLOYEES' ASSOCIATION	
	P/R 12 6/7/19 Employee Ded HR 0079100	225.00
	IEUA EMPLOYEES' ASSOCIATION \$	225.00
ACH	IEUA SUPERVISORS UNION ASSOCIA	
	P/R 12 6/7/19 Employee Ded HR 0079100	330.00
	IEUA SUPERVISORS UNION ASSOCIA\$	330.00



Check	Payee / Description	Amount
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 12 6/7/19 Employee Ded	HR 0079100 1,081.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,081.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 12 6/7/19 Employee Ded	HR 0079100 510.00
	IEUA PROFESSIONAL EMPLOYEES AS\$	510.00
ACH	DISCOVERY BENEFITS INC P/R 12 6/7/19 Cafeteria Plan	HR 0079100 4,017.40
	DISCOVERY BENEFITS INC \$	4,017.40
ACH	PATRICK W HUNTER P/R 12 6/7/19	HR 0079100 248.50
	PATRICK W HUNTER \$	248.50
ACH	U S HOSE INC SwrColl-Cam-Lck Adptrs,Cam-Lck Cps,Cam-L 0135128-IN	1,484.47
	U S HOSE INC \$	1,484.47
ACH	JEREMY HARRIS CONSTRUCTION, IN RP3Bsns-Ld/Hl/Dsps Silt,Cttng/Wndrwnng Si 3154	77,066.51
	JEREMY HARRIS CONSTRUCTION, IN\$	77,066.51
ACH	AQUA BEN CORPORATION DAFT-4,600 Lbs Hydrofloc 748E 38908 4,361.72 DAFT-4,600 Lbs Hydrofloc 748E 38642 4,361.72 RP1-23,000 Lbs Hydrofloc 750E 38643 28,499.88 RP1-23,000 Lbs Hydrofloc 750E 38819 28,499.88 RP1-23,000 Lbs Hydrofloc 750E 38873 28,499.88 RP1-23,000 Lbs Hydrofloc 750E 38909 28,499.88	
	AQUA BEN CORPORATION \$	122,722.96
ACH	NAPA GENUINE PARTS COMPANY Battery,Core Charge 4584-279533	152.08
	NAPA GENUINE PARTS COMPANY \$	152.08
ACH	SANTA ANA WATERSHED April 2019 Truck Discharge 9503 4,911.42 Direct Discharge, Emergency Discharge Pe 9514 5,900.00 April 2019 Service 9509 97,970.01	
	SANTA ANA WATERSHED \$	108,781.43
ACH	WAXIE SANITARY SUPPLY Cups,Lids 78225813	1,155.54
	WAXIE SANITARY SUPPLY \$	1,155.54
ACH	AMERICAN COMPRESSOR CO	

Check	Payee / Description	Amount
	Separator,Oil Filter,Air Filter,V-Belt,F 190386-P	1,664.93
	AMERICAN COMPRESSOR CO \$	1,664.93
ACH	ACCUSTANDARD INC Performance Check Std,Tin ICP Std 898852	273.51
	ACCUSTANDARD INC \$	273.51
ACH	CAROLLO ENGINEERS EN17049-3/2019 Professional Svcs 0176161 16,766.50 RW15003-12/2018 Professional Svcs 0173738 10,669.38 RW15003-8/2018 Professional Svcs 0170596 5,808.31 RW15003-10/2018 Professional Svcs 0171800 1,532.45 RW15003/RW15004-9/2018 Professional Svcs 0171213 7,385.93	
	CAROLLO ENGINEERS \$	42,162.57
ACH	MCMASTER-CARR SUPPLY CO Sign Holder, Rubber Hammer 96602460	314.93
	MCMASTER-CARR SUPPLY CO \$	314.93
ACH	INDUSTRIAL SUPPLY CO RP1Mnt-Std Drill Bits, Flex Discs, Brown D 100007	110.59
	INDUSTRIAL SUPPLY CO \$	110.59
ACH	SCHNEIDER ELECTRIC SYSTEMS INC RP1Mnt-Intelligent Positioner 93968640 1,379.11 5/14/19-8/13/19 IA/DCS Tech Support Svc 93966731 19,838.00	
	SCHNEIDER ELECTRIC SYSTEMS INC \$	21,217.11
ACH	NATIONAL CONSTRUCTION RENTALS 5/17/19-6/13/19 Potty/Handicap Potty/Sin 5377065	994.80
	NATIONAL CONSTRUCTION RENTALS \$	994.80
ACH	OLIN CORP TP1-4,970 Gals Sodium Hypochlorite 2683476 3,846.78 TP1-4,922 Gals Sodium Hypochlorite 2682902 3,809.63 TP1-4,868 Gals Sodium Hypochlorite 2690200 3,767.83 RP4-4,928 Gals Sodium Hypochlorite 2682242 3,814.27 TP1-4,932 Gals Sodium Hypochlorite 2683857 3,817.37 TP1-4,906 Gals Sodium Hypochlorite 2684265 3,797.24 TP1-4,916 Gals Sodium Hypochlorite 2682240 3,804.98 RP5-4,932 Gals Sodium Hypochlorite 2682241 3,817.37	
	OLIN CORP \$	30,475.47
ACH	GK & ASSOCIATES 46-2054-4/19 Prof Svcs 19-021 34,716.00 46-2054-4/19 Prof Svcs 19-022 11,900.00 46-2054-4/19 Prof Svcs 19-019 23,232.00 46-2054-4/19 Prof Svcs 19-020 12,390.00	
	GK & ASSOCIATES \$	82,238.00

Check	Payee / Description	Amount
ACH	CRB SECURITY SOLUTIONS HQ-Replace 3 Cameras, 2 New Cameras 13453	2,665.39
	CRB SECURITY SOLUTIONS \$	2,665.39
ACH	DOWNNS ENERGY RP1-189.6 Gals Dyed Diesel Fuel 0250247-IN 622.30 RP4-173.50 Gals Dyed Diesel Fuel 0250246-IN 635.83	1,258.13
	DOWNNS ENERGY \$	1,258.13
ACH	CALIFORNIA WATER TECHNOLOGIES Phills-16,408 lbs Ferric Chloride Soluti 35283 3,574.87 RP4-18,022 lbs Ferric Chloride Solution 35292 3,926.49 Phills-17,628 lbs Ferric Chloride Soluti 35298 3,840.64	11,342.00
	CALIFORNIA WATER TECHNOLOGIES \$	11,342.00
ACH	ARCADIS U.S., INC. WR18028-3/2019 Professional Services 0973935 27,640.82	27,640.82
	ARCADIS U.S., INC. \$	27,640.82
ACH	THATCHER ENGINEERING & ASSOC DL37145-Prof Svcs (Block Wall Estimates) 3936 150.00	150.00
	THATCHER ENGINEERING & ASSOC \$	150.00
ACH	SOLAR STAR CALIFORNIA V LLC RP1-4/1-4/30 2450 Phila St E02M0616-2750 3,869.70 RP1-4/1-4/30 2450 Phila St E02M0615-2750 14,275.60 RP5/TP5/HQA/B-4/1-4/30 6075 Kimball Ave E02M0614-2750 22,765.00	40,910.30
	SOLAR STAR CALIFORNIA V LLC \$	40,910.30
ACH	IEUA EMPLOYEES' ASSOCIATION P/R DIR 6 6/14/19 Employee Ded HR 0080100 12.00	12.00
	IEUA EMPLOYEES' ASSOCIATION \$	12.00
ACH	ICMA RETIREMENT TRUST 457 P/R 13 6/21/19 Deferred Comp Ded HR 0080200 19,497.37	19,497.37
	ICMA RETIREMENT TRUST 457 \$	19,497.37
ACH	LINCOLN NATIONAL LIFE INS CO P/R 13 6/21/19 Deferred Comp Ded HR 0080200 21,799.13	21,799.13
	LINCOLN NATIONAL LIFE INS CO \$	21,799.13
ACH	ICMA RETIREMENT TRUST 401 P/R 13 6/21/19 Exec Deferred Comp HR 0080200 5,779.89	5,779.89
	ICMA RETIREMENT TRUST 401 \$	5,779.89
ACH	NAPA GENUINE PARTS COMPANY Lucas Red Tacky 4584-280089 135.55 Serp Belts 4584-280244 81.87 Serp Belts - Returned 4584-281136 81.87	299.29

Check	Payee / Description	Amount
	NAPA GENUINE PARTS COMPANY \$	135.55
ACH	ROYAL INDUSTRIAL SOLUTIONS	
	Transformer 6046-669630	138.71
	Human Interface Module 6046-669868	410.58
	Cambric Tape, Splices, Rubber Tape, Flex Co 6046-669904	432.90
	Timing Relay 6046-669923	173.75
	Cord Connectors, Liq-Tite Connectors 6046-669570	455.19
	ROYAL INDUSTRIAL SOLUTIONS \$	1,611.13
ACH	TELL STEEL INC	
	Rectangular Tubing 19-0046239	781.19
	Alum Floor Plates 19-0046347	347.76
	TELL STEEL INC \$	1,128.95
ACH	GENESIS CONSTRUCTION	
	EN13001-5/19 Pay Est 1 PE 1-EN13001	27,171.31
	GENESIS CONSTRUCTION \$	27,171.31
ACH	ACCUSTANDARD INC	
	Benzidine, Dichlorobenzidine 899129	139.51
	ACCUSTANDARD INC \$	139.51
ACH	CAROLLO ENGINEERS	
	4600002677-4/2019 Professional Services 0177383	23,305.45
	EN110399-3/2019 Professional Svcs 0176477	9,658.50
	CAROLLO ENGINEERS \$	32,963.95
ACH	MCMASTER-CARR SUPPLY CO	
	Lockout Padlocks with Labels 97171611	153.66
	Strut Channel, Clamps 97232447	415.55
	Grease Dispensr, Flap Wheels, Float Rod, Co 97136111	349.94
	Drill Bits, Concrete Anchors 97325363	319.53
	SS Wire Rope, SS Clamp 95562017	650.80
	MCMASTER-CARR SUPPLY CO \$	1,889.48
ACH	HACH COMPANY	
	TP1-Stablcal Ampule Kit 11476428	240.17
	HACH COMPANY \$	240.17
ACH	KVAC ENVIRONMENTAL SERVICES IN	
	FacMgt-4/29/19 HazMat Disposal Service KW1904048	2,451.19
	FacMgt-5/1/19 HazMat Disposal Service KW1905006	704.95
	KVAC ENVIRONMENTAL SERVICES IN\$	3,156.14
ACH	NATIONAL CONSTRUCTION RENTALS	
	RP1-5/23/19-6/19/19 Toilet, Handwash 5384072	211.55
	NATIONAL CONSTRUCTION RENTALS \$	211.55

Check	Payee / Description	Amount
ACH	RSD Pleated Filters	55301488-00 655.55
	RSD	\$ 655.55
ACH	STANEK CONSTRUCTORS INC EN14042-5/19 Pay Est 5	PE 5-EN14042 61,886.40
	STANEK CONSTRUCTORS INC	\$ 61,886.40
ACH	OLIN CORP TP1-4,932 Gals Sodium Hypochlorite	2685994 3,817.37
	TP1-4,920 Gals Sodium Hypochlorite	2685447 3,808.08
	RP5-4,904 Gals Sodium Hypochlorite	2685448 3,795.70
	OLIN CORP	\$ 11,421.15
ACH	ADVANCED ENVIRONMENTAL COMPLIA RP1-Boiler 1 & 2 Source Test	7579 7,416.00
	ADVANCED ENVIRONMENTAL COMPLIA	\$ 7,416.00
ACH	ULLOA, EUNICE M 6/6/19 Policy Cmmtt Fee-Tiegs,K	RPC-6/6/19 100.00
	ULLOA, EUNICE M	\$ 100.00
ACH	TIEGS, KATHLEEN 6/6/19 Policy Cmmtt Fee-Tiegs,K	RPC-6/6/19 100.00
	TIEGS, KATHLEEN	\$ 100.00
ACH	MICROAGE SolarWinds Patch Manager License	2057450 3,150.00
	Cisco Fire Power Security Appliance,Powe	2056867 14,920.14
	Aruba Access Point,Antenna,HPE Foundatio	2057143 729.68
	MICROAGE	\$ 18,799.82
ACH	CALIFORNIA WATER TECHNOLOGIES RP2-16,753 lbs Ferric Chloride Solution	35195 3,649.94
	RP1-16,653 lbs Ferric Chloride Solution	35307 3,628.26
	Phills-15,398 lbs Ferric Chloride Soluti	35336 3,354.88
	CALIFORNIA WATER TECHNOLOGIES	\$ 10,633.08
ACH	V3IT CONSULTING INC SAP BASIS April 2019 Support	V3IT2019IEUA0 6,184.00
	V3IT CONSULTING INC	\$ 6,184.00
ACH	FERREIRA COASTAL CONSTRUCTION EN19015-5/19 Pay Est 4	PE 4-EN19015 101,090.92
	FERREIRA COASTAL CONSTRUCTION	\$ 101,090.92
ACH	WEST COAST ADVISORS 5/19 Prof Svcs	12416 9,800.00

Check	Payee / Description	Amount
	WEST COAST ADVISORS	\$ 9,800.00
ACH	PRIORITY BUILDING SERVICES LLC April 2019 Lab Janitorial Service 63918	3,261.54
	PRIORITY BUILDING SERVICES LLC\$	3,261.54
ACH	FLOW N CONTROL INC Explosion Proof Pump 5068	5,781.63
	FLOW N CONTROL INC	\$ 5,781.63
ACH	YORKE ENGINEERING LLC EN19006-2/1-3/29 Air Quality & Environme 18732R EC-2/19-3/19 RP1/RP5 AirQlty & Environme 18755R	3,009.50 2,621.25
	YORKE ENGINEERING LLC	\$ 5,630.75
ACH	AMAZON BUSINESS Ball Valves 14XR-RWG7-NCV Shot Glasses 17RD-GH3R-6KT Clasp Envelopes, Desk Foot Rests 11RW-CNVR-VGT Return Desk Calendar 164V-MRJD-7F9 Return Wireless Earbud Neckband 1TG9-L9TG-CVF	119.83 186.24 110.25 14.00 22.92
	AMAZON BUSINESS	\$ 379.40
ACH	CDM CONSTRUCTORS INC EN13016.03-5/19 Pay Est 16 PE 16-EN13016 EN13016.04-5/19 Pay Est 20 PE 20-EN13016	180,652.28 27,684.52
	CDM CONSTRUCTORS INC	\$ 208,336.80
ACH	HENKELS & MC COY INC EN13048-5/19 Pay Est 5 PE 5-EN13048	14,807.53
	HENKELS & MC COY INC	\$ 14,807.53
ACH	BEST CONTRACTING SERVICES INC EN19037-5/19 Pay Est 5 PE 5-EN19037	8,550.00
	BEST CONTRACTING SERVICES INC	\$ 8,550.00
ACH	SCHULER CONSTRUCTORS INC EN17045-5/19 Pay Est 2 PE 2-EN17045	59,874.70
	SCHULER CONSTRUCTORS INC	\$ 59,874.70
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 13 6/21/19 Employee Ded HR 0080200	225.00
	IEUA EMPLOYEES' ASSOCIATION	\$ 225.00
ACH	IEUA SUPERVISORS UNION ASSOCIA P/R 13 6/21/19 Employee Ded HR 0080200	330.00
	IEUA SUPERVISORS UNION ASSOCIA\$	330.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA	

Check	Payee / Description	Amount
	P/R 13 6/21/19 Employee Ded      HR      0080200      1,081.60	
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,081.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 13 6/21/19 Employee Ded      HR      0080200      510.00	
	IEUA PROFESSIONAL EMPLOYEES AS\$	510.00
ACH	DISCOVERY BENEFITS INC P/R 13 6/21/19 Cafeteria Plan      HR      0080200      4,017.40	
	DISCOVERY BENEFITS INC      \$	4,017.40
ACH	PATRICK W HUNTER P/R 13 6/21/19      HR      0080200      248.50	
	PATRICK W HUNTER      \$	248.50
ACH	ELIE, STEVE MlgReim-5/19 Meetings-Elie,S      MLG 5/19      31.67	
	ELIE, STEVE      \$	31.67
ACH	HALL, JASMIN MlgReim-5/19 Meetings-Hall,J      MLG 5/19A      233.45 MlgReim-5/19 Meetings-Hall,J      MLG 5/19B      57.01	
	HALL, JASMIN      \$	290.46
ACH	PARKER, KATI MlgReim-5/19 Meetings-Parker,K      MLG 5/19      102.89	
	PARKER, KATI      \$	102.89
ACH	AQUA BEN CORPORATION RP1-23,000 Lbs Hydrofloc 750E      39006      28,499.88 DAFT-4,600 Lbs Hydrofloc 748E      39005      4,361.72 RP2-23,000 Lbs Hydrofloc 748E      39023      21,808.60	
	AQUA BEN CORPORATION      \$	54,670.20
ACH	ROYAL INDUSTRIAL SOLUTIONS Conduit,Connectors,Hubs,Conduit Bodies,C 6046-669624      1,609.02 Fluorescent Lamps,Spring Nuts,Reducers,G 6046-670500      480.33 Pulse Start Lamps,LED Lamps      6046-669204      453.77 Flex Connectors      6046-670297      45.03 Time Delay Fuses      6046-670405      908.77 Manual Starting Switches,Reducers      6046-669249      900.85 Contactor,Aux Contact Kit      6046-670349      247.88 Coated Conduit Bodies,Coated Hubs      6046-669872      477.99 Conduit,Hubs,Conduit Bodies,Strut Straps 6046-670048      2,999.79 Relays,Bases      6046-670222      354.41	
	ROYAL INDUSTRIAL SOLUTIONS      \$	8,477.84
ACH	UNIVAR USA INC TP1-13,237 Lbs Sodium Bisulfite      LA729448      3,086.43 TP1-13,040 Lbs Sodium Bisulfite      LA728711      3,040.44	

Check	Payee / Description	Amount
	UNIVAR USA INC	\$ 6,126.87
ACH	WAXIE SANITARY SUPPLY Exit Sign 78289515	150.79
	WAXIE SANITARY SUPPLY	\$ 150.79
ACH	WEST VALLEY MOSQUITO AND 2/19 Mosquito Control f/WW Trtmnt Facili 2451 4/19 Mosquito Control f/WW Trtmnt Facili 2465 3/19 Mosquito Control f/WW Trtmnt Facili 2457 5/19 Mosquito Control f/WW Trtmnt Facili 2472	86.42 2,124.90 999.79 1,444.47
	WEST VALLEY MOSQUITO AND	\$ 4,655.58
ACH	THATCHER COMPANY OF CALIFORNIA RP4-45,320 Lbs Aluminum Sulfate 264917 TP1-45,340 Lbs Aluminum Sulfate 264221 TP1-45,480 Lbs Aluminum Sulfate 263725	3,670.55 3,672.17 3,647.46
	THATCHER COMPANY OF CALIFORNIA	\$ 10,990.18
ACH	MCMASTER-CARR SUPPLY CO Washdown Enclosures 97954202 Folding Guard,Pipe Wrench,Wheel Wrench,I 97888685 Liquid Powered Jet Pump,Valves,Nozzle,Co 96139193 Revolving Red Light,Lever Switch,Silicon 98188847 Liquid Powered Jet Pump 96394682 Angle Grinder Wheel,Sandy Disc 97781171	204.97 2,664.45 1,710.82 200.75 911.85 89.07
	MCMASTER-CARR SUPPLY CO	\$ 5,781.91
ACH	TOM DODSON & ASSOCIATES RW15003/4-3/81-4/24 Prof Svcs IE-305 19-2	1,050.00
	TOM DODSON & ASSOCIATES	\$ 1,050.00
ACH	PALM AUTO DETAIL INC 4/19 Carwash Svcs f/Agency Fleet Vehicle 19499-4 5/19 Carwash Svcs f/Agency Fleet Vehicle 19599-4	4,560.00 4,560.00
	PALM AUTO DETAIL INC	\$ 9,120.00
ACH	SCHNEIDER ELECTRIC SYSTEMS INC pH/ORP Sensors 93976405	1,189.74
	SCHNEIDER ELECTRIC SYSTEMS INC	\$ 1,189.74
ACH	INLAND EMPIRE REGIONAL 5/19 Biosolids 90024221	363,415.36
	INLAND EMPIRE REGIONAL	\$ 363,415.36
ACH	PARSONS WATER & INFRASTRUCTURE EN19001/EN19006-4/6-5/3 Prof Svcs 1905B389	914,519.32
	PARSONS WATER & INFRASTRUCTURE	\$ 914,519.32



Check	Payee / Description		Amount
ACH	HACH COMPANY		
	RP1Mnt-Spectrophotometer w/RFID	11491875	4,814.81
	RP1Ops-Nitrite TNT+ LR,Ammonia TNT+ LR	11476420	1,395.43
	RP1Ops-Nitrite TNT+ LR	11479018	207.79
			-----
	HACH COMPANY	\$	6,418.03
ACH	INNOVATIVE FEDERAL STRATEGIES		
	6/19 Prof Svcs	062019	8,000.00
			-----
	INNOVATIVE FEDERAL STRATEGIES	\$	8,000.00
ACH	KVAC ENVIRONMENTAL SERVICES IN		
	FacMgt-3/27,4/8,4/10,4/11,4/16 HazMat Ds KW1903077A		10,667.60
			-----
	KVAC ENVIRONMENTAL SERVICES IN\$		10,667.60
ACH	RSD		
	Flexible Couplings,Nipples	55299346-00	806.88
			-----
	RSD	\$	806.88
ACH	OLIN CORP		
	RP4-4,900 Gals Sodium Hypochlorite	2689304	3,792.60
	TP1-4,878 Gals Sodium Hypochlorite	2689302	3,775.57
	RP5-4,894 Gals Sodium Hypochlorite	2683477	3,787.96
	TP1-4,904 Gals Sodium Hypochlorite	2689688	3,795.70
	RP5-4,914 Gals Sodium Hypochlorite	2688752	3,803.44
			-----
	OLIN CORP	\$	18,955.27
ACH	GK & ASSOCIATES		
	46-2054-5/19 Prof Svcs	19-028	13,090.00
			-----
	GK & ASSOCIATES	\$	13,090.00
ACH	DANRAE INC		
	EN14019-5/2019 Professional Services	151112	2,143.75
	EN15012-5/2019 Professional Services	151113	831.25
	EN14042-5/2019 Professional Services	151114	4,462.50
	EN17049-5/2019 Professional Services	151115	2,992.50
			-----
	DANRAE INC	\$	10,430.00
ACH	MICROAGE		
	Cisco Catalyst 3650-24PD-L	2060094	3,564.96
			-----
	MICROAGE	\$	3,564.96
ACH	CALIFORNIA WATER TECHNOLOGIES		
	Phills-17,581 lbs Ferric Chloride Soluti	35378	3,830.35
	RP1-17,966 lbs Ferric Chloride Solution	35383	3,914.24
	RP2-18,438 lbs Ferric Chloride Solution	35368	4,017.07
			-----
	CALIFORNIA WATER TECHNOLOGIES	\$	11,761.66
ACH	FERREIRA COASTAL CONSTRUCTION		
	EN19019-4/2019 Professional Svcs	5216-006	79,157.56
			-----

Check	Payee / Description	Amount
	FERREIRA COASTAL CONSTRUCTION \$	79,157.56
ACH	JC LAW FIRM	
	5/19 Regional Contract 00593	3,055.00
	5/19 RCA Legal 00592	2,775.00
	5/19 General Legal 00591	45,265.00
	5/19 San Bernardino Transit Auth vs IEUA 00595	1,710.00
	5/19 Watermaster 00594	540.00
	JC LAW FIRM \$	53,345.00
ACH	U S BANK - PAYMENT PLUS	
	100951 POLYDYNE INC 2200099774	7,306.87
	105316 PLUMBERS DEPOT INC 2200099626	11,610.97
	100163 J G TUCKER & SON INC 2200099772	648.67
	105133 BIRMINGHAM CONTROLS INC 2200100016	1,837.05
	100319 MISSION REPROGRAPHICS 2200099773	187.42
	101706 CALOLYMPIC SAFETY 2200100015	8,123.31
	107432 PMC ENGINEERING LLC 2200099627	810.40
	107780 SUPERIOR ELECTRIC MOTOR SERVICE I 2200099628	10,357.48
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200100014	2,361.40
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200099771	962.98
	100066 CALIF ENVIRONMENTAL CONTROLS INC 2200100013	8,825.01
	100163 J G TUCKER & SON INC 2200099874	2,682.01
	105213 BAVCO 2200099625	192.21
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200099624	5,539.47
	107889 ALS ENVIRONMENTAL 2200099629	3,400.00
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200099873	260.58
	107780 SUPERIOR ELECTRIC MOTOR SERVICE I 2200099775	67,701.06
	U S BANK - PAYMENT PLUS \$	132,806.89
ACH	AMAZON BUSINESS	
	Anti Glare Screen Protector 1PL4-N4FQ-WXG	27.99
	Diploma Frames 11RW-CNVR-FQ4	320.37
	Bankers Boxes,Cleaning Duster, Clorox Wi 139Y-7RNN-1YC	255.16
	AMAZON BUSINESS \$	603.52
ACH	VIDEO SERVICES	
	EN14019-Xylem Pump & Mixer Video Product 00103	571.77
	VIDEO SERVICES \$	571.77
ACH	REDWOOD ENERGY STORAGE LLC	
	5/19 RP1/RP5/CCWRP Energy Storage System 7	12,708.33
	REDWOOD ENERGY STORAGE LLC \$	12,708.33
ACH	SHELL ENERGY NORTH AMERICA LP	
	RP1-5/1-5/31 16400 2450 Phila St 2/1-2/2 2044 5/19	5,943.48
	RP1-5/1-5/31 16400 2450 Phila St 2/1-2/2 2042 5/19	86,811.49
	CCWRP/TP/RWP-5/1-5/31 14950 Tlphn 2/1-2/ 2046 5/19	34,540.03
	SHELL ENERGY NORTH AMERICA LP \$	127,295.00
ACH	WESTERN DENTAL PLAN	
	6/19 Agency Dental Plan 6/2019	2,174.09

Check	Payee / Description	Amount
	WESTERN DENTAL PLAN	\$ 2,174.09
ACH	PREFERRED BENEFIT INSURANCE 6/19 Agency Dental Plan	EIA28586 16,559.40
	PREFERRED BENEFIT INSURANCE	\$ 16,559.40
ACH	DISCOVERY BENEFITS INC May 2019 Admin Fees	0001020268-IN 218.50
	DISCOVERY BENEFITS INC	\$ 218.50
ACH	HALL, JASMIN Reim-6/18/19 Breakfast Meeting with Karo 6/18/19 BRKFA	17.64
	HALL, JASMIN	\$ 17.64
ACH	ESTRADA, JIMMIE J Reim Monthly Health Prem	HEALTH PREM 511.48
	ESTRADA, JIMMIE J	\$ 511.48
ACH	LICHTI, ALICE Reim Monthly Health Prem	HEALTH PREM 187.74
	LICHTI, ALICE	\$ 187.74
ACH	NOWAK, THEO T Reim Monthly Health Prem	HEALTH PREM 511.48
	NOWAK, THEO T	\$ 511.48
ACH	SONNENBURG, ILSE Reim Monthly Health Prem	HEALTH PREM 187.74
	SONNENBURG, ILSE	\$ 187.74
ACH	DYKSTRA, BETTY Reim Monthly Health Prem	HEALTH PREM 187.74
	DYKSTRA, BETTY	\$ 187.74
ACH	TORRES, ROBERT G Reim Monthly Health Prem	HEALTH PREM 187.74
	TORRES, ROBERT G	\$ 187.74
ACH	MUELLER, CAROLYN Reim Monthly Health Prem	HEALTH PREM 187.74
	MUELLER, CAROLYN	\$ 187.74
ACH	GRIFFIN, GEORGE Reim Monthly Health Prem	HEALTH PREM 187.74
	GRIFFIN, GEORGE	\$ 187.74
ACH	CANADA, ANGELA Reim Monthly Health Prem	HEALTH PREM 187.74

Check	Payee / Description	Amount
	CANADA, ANGELA	\$ 187.74
ACH	CUPERSMITH, LEIZAR Reim Monthly Health Prem	HEALTH PREM 187.74
	CUPERSMITH, LEIZAR	\$ 187.74
ACH	DELGADO-ORAMAS JR, JOSE Reim Monthly Health Prem	HEALTH PREM 323.74
	DELGADO-ORAMAS JR, JOSE	\$ 323.74
ACH	GRANGER, BRANDON Reim Monthly Health Prem	HEALTH PREM 161.87
	GRANGER, BRANDON	\$ 161.87
ACH	GADDY, CHARLES L Reim Monthly Health Prem	HEALTH PREM 161.87
	GADDY, CHARLES L	\$ 161.87
ACH	BAKER, CHRIS Reim Monthly Health Prem	HEALTH PREM 25.87
	BAKER, CHRIS	\$ 25.87
ACH	WEBB, DANNY C Reim Monthly Health Prem	HEALTH PREM 136.00
	WEBB, DANNY C	\$ 136.00
ACH	HUMPHREYS, DEBORAH E Reim Monthly Health Prem	HEALTH PREM 161.87
	HUMPHREYS, DEBORAH E	\$ 161.87
ACH	MOUAT, FREDERICK W Reim Monthly Health Prem	HEALTH PREM 161.87
	MOUAT, FREDERICK W	\$ 161.87
ACH	MORGAN, GARTH W Reim Monthly Health Prem	HEALTH PREM 136.00
	MORGAN, GARTH W	\$ 136.00
ACH	ALLINGHAM, JACK Reim Monthly Health Prem	HEALTH PREM 25.87
	ALLINGHAM, JACK	\$ 25.87
ACH	MAZUR, JOHN Reim Monthly Health Prem	HEALTH PREM 476.19
	MAZUR, JOHN	\$ 476.19
ACH	RUDDER, LARRY	

Check	Payee / Description		Amount
	Reim Monthly Health Prem	HEALTH PREM	25.87
	RUDDER, LARRY	\$	25.87
ACH	HAMILTON, MARIA Reim Monthly Health Prem	HEALTH PREM	136.00
	HAMILTON, MARIA	\$	136.00
ACH	PICENO, TONY Reim Monthly Health Prem	HEALTH PREM	187.74
	PICENO, TONY	\$	187.74
ACH	RAMOS, CAROL Reim Monthly Health Prem	HEALTH PREM	25.87
	RAMOS, CAROL	\$	25.87
ACH	FISHER, JAY Reim Monthly Health Prem	HEALTH PREM	136.00
	FISHER, JAY	\$	136.00
ACH	KING, PATRICK Reim Monthly Health Prem	HEALTH PREM	25.87
	KING, PATRICK	\$	25.87
ACH	HOWARD, ROBERT JAMES Reim Monthly Health Prem	HEALTH PREM	25.87
	HOWARD, ROBERT JAMES	\$	25.87
ACH	DIETZ, JUDY Reim Monthly Health Prem	HEALTH PREM	136.00
	DIETZ, JUDY	\$	136.00
ACH	DAVIS, GEORGE Reim Monthly Health Prem	HEALTH PREM	25.87
	DAVIS, GEORGE	\$	25.87
ACH	MONZAVI, TAGHI Reim Monthly Health Prem	HEALTH PREM	25.87
	MONZAVI, TAGHI	\$	25.87
ACH	PETERSEN, KENNETH Reim Monthly Health Prem	HEALTH PREM	187.74
	PETERSEN, KENNETH	\$	187.74
ACH	TRAUTERMAN, HELEN Reim Monthly Health Prem	HEALTH PREM	187.74
	TRAUTERMAN, HELEN	\$	187.74

Check	Payee / Description		Amount
ACH	TIEGS, KATHLEEN Reim Monthly Health Prem	HEALTH PREM	942.38
	TIEGS, KATHLEEN	\$	942.38
ACH	DIGGS, GEORGE Reim Monthly Health Prem	HEALTH PREM	511.48
	DIGGS, GEORGE	\$	511.48
ACH	HAYES, KENNETH Reim Monthly Health Prem	HEALTH PREM	511.48
	HAYES, KENNETH	\$	511.48
ACH	HUNTON, STEVE Reim Monthly Health Prem	HEALTH PREM	161.87
	HUNTON, STEVE	\$	161.87
ACH	RODRIGUEZ, LOUIS Reim Monthly Health Prem	HEALTH PREM	161.87
	RODRIGUEZ, LOUIS	\$	161.87
ACH	VARBEL, VAN Reim Monthly Health Prem	HEALTH PREM	476.19
	VARBEL, VAN	\$	476.19
ACH	CLIFTON, NEIL Reim Monthly Health Prem	HEALTH PREM	335.19
	CLIFTON, NEIL	\$	335.19
ACH	WELLMAN, JOHN THOMAS Reim Monthly Health Prem	HEALTH PREM	618.64
	WELLMAN, JOHN THOMAS	\$	618.64
ACH	SPEARS, SUSAN Reim Monthly Health Prem	HEALTH PREM	25.87
	SPEARS, SUSAN	\$	25.87
ACH	TROXEL, WYATT Reim Monthly Health Prem	HEALTH PREM	187.74
	TROXEL, WYATT	\$	187.74
ACH	CORLEY, WILLIAM Reim Monthly Health Prem	HEALTH PREM	476.19
	CORLEY, WILLIAM	\$	476.19
ACH	CALLAHAN, CHARLES Reim Monthly Health Prem	HEALTH PREM	25.87
	CALLAHAN, CHARLES	\$	25.87

Check	Payee / Description	Amount
ACH	LESNIAKOWSKI, NORBERT Reim Monthly Health Prem	HEALTH PREM 187.74
	LESNIAKOWSKI, NORBERT	\$ 187.74
ACH	VER STEEG, ALLEN J Reim Monthly Health Prem	HEALTH PREM 482.34
	VER STEEG, ALLEN J	\$ 482.34
ACH	HACKNEY, GARY Reim Monthly Health Prem	HEALTH PREM 476.19
	HACKNEY, GARY	\$ 476.19
ACH	CAREL, LARRY Reim Monthly Health Prem	HEALTH PREM 25.87
	CAREL, LARRY	\$ 25.87
ACH	TOL, HAROLD Reim Monthly Health Prem	HEALTH PREM 187.74
	TOL, HAROLD	\$ 187.74
ACH	BANKSTON, GARY Reim Monthly Health Prem	HEALTH PREM 492.63
	BANKSTON, GARY	\$ 492.63
ACH	ATWATER, RICHARD Reim Monthly Health Prem	HEALTH PREM 136.00
	ATWATER, RICHARD	\$ 136.00
ACH	FIESTA, PATRICIA Reim Monthly Health Prem	HEALTH PREM 476.19
	FIESTA, PATRICIA	\$ 476.19
ACH	DIGGS, JANET Reim Monthly Health Prem	HEALTH PREM 647.48
	DIGGS, JANET	\$ 647.48
ACH	CARAZA, TERESA Reim Monthly Health Prem	HEALTH PREM 173.32
	CARAZA, TERESA	\$ 173.32
ACH	SANTA CRUZ, JACQUELYN Reim Monthly Health Prem	HEALTH PREM 804.23
	SANTA CRUZ, JACQUELYN	\$ 804.23
ACH	HECK, ROSELYN Reim Monthly Health Prem	HEALTH PREM 25.87

Check	Payee / Description	Amount
	HECK, ROSELYN	\$ 25.87
ACH	SOPICKI, LEO Reim Monthly Health Prem	HEALTH PREM 323.74
	SOPICKI, LEO	\$ 323.74
ACH	GOSE, ROSEMARY Reim Monthly Health Prem	HEALTH PREM 136.00
	GOSE, ROSEMARY	\$ 136.00
ACH	KEHL, BARRETT Reim Monthly Health Prem	HEALTH PREM 136.00
	KEHL, BARRETT	\$ 136.00
ACH	RITCHIE, JANN Reim Monthly Health Prem	HEALTH PREM 136.00
	RITCHIE, JANN	\$ 136.00
ACH	LONG, ROCKWELL DEE Reim Monthly Health Prem	HEALTH PREM 482.64
	LONG, ROCKWELL DEE	\$ 482.64
ACH	FATTAHI, MIR Reim Monthly Health Prem	HEALTH PREM 136.00
	FATTAHI, MIR	\$ 136.00
ACH	VERGARA, FLORENTINO Reim Monthly Health Prem	HEALTH PREM 323.74
	VERGARA, FLORENTINO	\$ 323.74
ACH	ROGERS, SHIRLEY Reim Monthly Health Prem	HEALTH PREM 187.74
	ROGERS, SHIRLEY	\$ 187.74
ACH	WALL, DAVID Reim Monthly Health Prem	HEALTH PREM 309.32
	WALL, DAVID	\$ 309.32
ACH	CHUNG, MICHAEL Reim Monthly Health Prem	HEALTH PREM 161.87
	CHUNG, MICHAEL	\$ 161.87
ACH	ADAMS, PAMELA Reim Monthly Health Prem	HEALTH PREM 25.87
	ADAMS, PAMELA	\$ 25.87
ACH	BLASINGAME, MARY Reim Monthly Health Prem	HEALTH PREM 482.64



Check	Payee / Description	Amount
	BLASINGAME, MARY	\$ 482.64
ACH	ANDERSON, KENNETH Reim Monthly Health Prem	HEALTH PREM 161.87
	ANDERSON, KENNETH	\$ 161.87
ACH	MOE, JAMES Reim Monthly Health Prem	HEALTH PREM 25.87
	MOE, JAMES	\$ 25.87
ACH	POLACEK, KEVIN Reim Monthly Health Prem	HEALTH PREM 804.23
	POLACEK, KEVIN	\$ 804.23
ACH	ELROD, SONDR Reim Monthly Health Prem	HEALTH PREM 161.87
	ELROD, SONDR	\$ 161.87
ACH	FRAZIER, JACK Reim Monthly Health Prem	HEALTH PREM 178.32
	FRAZIER, JACK	\$ 178.32
ACH	HOAK, JAMES Reim Monthly Health Prem	HEALTH PREM 136.00
	HOAK, JAMES	\$ 136.00
ACH	DEZHAM, PARIVASH Reim Monthly Health Prem	HEALTH PREM 178.32
	DEZHAM, PARIVASH	\$ 178.32
ACH	FOLEY III, DANIEL J. Reim Monthly Health Prem	HEALTH PREM 173.32
	FOLEY III, DANIEL J.	\$ 173.32
ACH	CLEVELAND, JAMES Reim Monthly Health Prem	HEALTH PREM 136.00
	CLEVELAND, JAMES	\$ 136.00
ACH	LANGNER, CAMERON Reim Monthly Health Prem	HEALTH PREM 632.25
	LANGNER, CAMERON	\$ 632.25
ACH	HAMILTON, LEANNE Reim Monthly Health Prem	HEALTH PREM 25.87
	HAMILTON, LEANNE	\$ 25.87
ACH	HOOSHMAND, RAY	

Check	Payee / Description		Amount
	Reim Monthly Health Prem	HEALTH PREM	136.00
	HOOSHMAND, RAY	\$	136.00
ACH	SCHLAPKOHL, JACK Reim Monthly Health Prem	HEALTH PREM	136.00
	SCHLAPKOHL, JACK	\$	136.00
ACH	POOLE, PHILLIP Reim Monthly Health Prem	HEALTH PREM	173.32
	POOLE, PHILLIP	\$	173.32
ACH	ADAMS, BARBARA Reim Monthly Health Prem	HEALTH PREM	161.87
	ADAMS, BARBARA	\$	161.87
ACH	RUESCH, GENECE Reim Monthly Health Prem	HEALTH PREM	520.78
	RUESCH, GENECE	\$	520.78
ACH	VANDERPOOL, LARRY Reim Monthly Health Prem	HEALTH PREM	492.63
	VANDERPOOL, LARRY	\$	492.63
ACH	AMBROSE, JEFFREY Reim Monthly Health Prem	HEALTH PREM	471.19
	AMBROSE, JEFFREY	\$	471.19
ACH	MERRILL, DIANE Reim Monthly Health Prem	HEALTH PREM	482.34
	MERRILL, DIANE	\$	482.34
ACH	HOUSER, ROD Reim Monthly Health Prem	HEALTH PREM	644.21
	HOUSER, ROD	\$	644.21
ACH	RUSSO, VICKI Reim Monthly Health Prem	HEALTH PREM	173.32
	RUSSO, VICKI	\$	173.32
ACH	HUSS, KERRY Reim Monthly Health Prem	HEALTH PREM	828.68
	HUSS, KERRY	\$	828.68
ACH	BINGHAM, GREGG Reim Monthly Health Prem	HEALTH PREM	668.23
	BINGHAM, GREGG	\$	668.23

Check	Payee / Description		Amount
ACH	CHARLES, DAVID Reim Monthly Health Prem	HEALTH PREM	136.00
	CHARLES, DAVID	\$	136.00
ACH	YEBOAH, ERNEST Reim Monthly Health Prem	HEALTH PREM	136.00
	YEBOAH, ERNEST	\$	136.00
ACH	ALVARADO, ROSEMARY Reim Monthly Health Prem	HEALTH PREM	335.19
	ALVARADO, ROSEMARY	\$	335.19
ACH	BARELA, GEORGE Reim Monthly Health Prem	HEALTH PREM	136.00
	BARELA, GEORGE	\$	136.00
ACH	FETZER, ROBERT Reim Monthly Health Prem	HEALTH PREM	804.23
	FETZER, ROBERT	\$	804.23
ACH	SPAETH, ERIC Reim Monthly Health Prem	HEALTH PREM	173.32
	SPAETH, ERIC	\$	173.32
ACH	DAVIS, MARTHA Reim Monthly Health Prem	HEALTH PREM	25.87
	DAVIS, MARTHA	\$	25.87
ACH	BRULE, CHRISTOPHER Reim Monthly Health Prem	HEALTH PREM	173.32
	BRULE, CHRISTOPHER	\$	173.32
ACH	ROOS, JAMES Reim Monthly Health Prem	HEALTH PREM	482.64
	ROOS, JAMES	\$	482.64
ACH	MULLANEY, JOHN Reim Monthly Health Prem	HEALTH PREM	309.32
	MULLANEY, JOHN	\$	309.32
ACH	VALENZUELA, DANIEL Reim Monthly Health Prem	HEALTH PREM	482.64
	VALENZUELA, DANIEL	\$	482.64
ACH	PACE, BRIAN Reim Monthly Health Prem	HEALTH PREM	482.64
	PACE, BRIAN	\$	482.64

Check	Payee / Description	Amount
ACH	KING, JOSEPH Reim Monthly Health Prem	HEALTH PREM 136.00
	KING, JOSEPH	\$ 136.00
ACH	VILLALOBOS, HECTOR Reim Monthly Health Prem	HEALTH PREM 173.32
	VILLALOBOS, HECTOR	\$ 173.32
ACH	BAXTER, KATHLEEN Reim Monthly Health Prem	HEALTH PREM 309.32
	BAXTER, KATHLEEN	\$ 309.32
ACH	PENMAN, DAVID Reim Monthly Health Prem	HEALTH PREM 482.64
	PENMAN, DAVID	\$ 482.64
ACH	ANGIER, RICHARD Reim Monthly Health Prem	HEALTH PREM 482.64
	ANGIER, RICHARD	\$ 482.64
ACH	MERRILL, DEBORAH Reim Monthly Health Prem	HEALTH PREM 340.19
	MERRILL, DEBORAH	\$ 340.19
ACH	O'DEA, KRISTINE Reim Monthly Health Prem	HEALTH PREM 161.87
	O'DEA, KRISTINE	\$ 161.87
ACH	OAKDEN, LISA Reim Monthly Health Prem	HEALTH PREM 817.22
	OAKDEN, LISA	\$ 817.22
ACH	LAUGHLIN, JOHN Reim Monthly Health Prem	HEALTH PREM 136.00
	LAUGHLIN, JOHN	\$ 136.00
ACH	HUGHBANKS, ROGER Reim Monthly Health Prem	HEALTH PREM 173.32
	HUGHBANKS, ROGER	\$ 173.32
ACH	SPENDLOVE, DANNY Reim Monthly Health Prem	HEALTH PREM 161.87
	SPENDLOVE, DANNY	\$ 161.87
ACH	HOULIHAN, JESSE Reim Monthly Health Prem	HEALTH PREM 173.32

Check	Payee / Description	Amount
	HOULIHAN, JESSE	\$ 173.32
ACH	WARMAN, EVELYN Reim Monthly Health Prem	HEALTH PREM 25.87
	WARMAN, EVELYN	\$ 25.87
ACH	HERNANDEZ, DELIA Reim Monthly Health Prem	HEALTH PREM 173.32
	HERNANDEZ, DELIA	\$ 173.32
ACH	AVILA, ARTHUR L Reim Monthly Health Prem	HEALTH PREM 173.32
	AVILA, ARTHUR L	\$ 173.32
ACH	GUARDIANO, GARY Reim Monthly Health Prem	HEALTH PREM 161.87
	GUARDIANO, GARY	\$ 161.87
ACH	POMERLEAU, THOMAS Reim Monthly Health Prem	HEALTH PREM 178.32
	POMERLEAU, THOMAS	\$ 178.32
ACH	BARRER, SATURNINO Reim Monthly Health Prem	HEALTH PREM 309.32
	BARRER, SATURNINO	\$ 309.32
ACH	LACEY, STEVEN Reim Monthly Health Prem	HEALTH PREM 668.23
	LACEY, STEVEN	\$ 668.23
ACH	MILLS, JOHN Reim Monthly Health Prem	HEALTH PREM 173.32
	MILLS, JOHN	\$ 173.32
ACH	REED, RANDALL Reim Monthly Health Prem	HEALTH PREM 618.64
	REED, RANDALL	\$ 618.64
ACH	RAMIREZ, REBECCA Reim Monthly Health Prem	HEALTH PREM 314.32
	RAMIREZ, REBECCA	\$ 314.32
ACH	RAZAK, HALLA Reim Monthly Health Prem	HEALTH PREM 136.00
	RAZAK, HALLA	\$ 136.00
ACH	OSBORN, CINDY L Reim Monthly Health Prem	HEALTH PREM 309.32

Check	Payee / Description	Amount
	OSBORN, CINDY L	\$ 309.32
ACH	FESTA, GARY Reim Monthly Health Prem	HEALTH PREM 248.13
	FESTA, GARY	\$ 248.13
ACH	MENDEZ, DAVID G Reim Monthly Health Prem	HEALTH PREM 173.32
	MENDEZ, DAVID G	\$ 173.32
ACH	JEREMY HARRIS CONSTRUCTION, IN RP3Bsns-Ld/Hl/Dsps Silt,Cttng/Wndrwng Si 3155	56,892.03
	JEREMY HARRIS CONSTRUCTION, IN\$	56,892.03

Grand Total Payment Amount: \$ 3,673,530.43

# Attachment 2D

Vendor Wires  
(excludes Payroll)

Check	Payee / Description		Amount
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 12 6/7/19 Deferred Comp Ded	HR 0079100	30,488.95
			---
	PUBLIC EMPLOYEE'S RETIREMENT S\$		30,488.95
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 12 6/7/19 Taxes	HR 0079100	12,353.31
	P/R 12 6/7/19 Taxes	HR 0079100	73,380.82
			---
	EMPLOYMENT DEVELOPMENT DEPARTM\$		85,734.13
Wire	INTERNAL REVENUE SERVICE P/R 12 6/7/19 Taxes	HR 0079100	368,912.18
			---
	INTERNAL REVENUE SERVICE \$		368,912.18
Wire	STATE DISBURSEMENT UNIT P/R 12 6/7/19	HR 0079100	198.00
		HR 0079100	2,184.90
			---
	STATE DISBURSEMENT UNIT \$		2,382.90
Wire	PUBLIC EMPLOYEES' RETIREMENT S 6/19 Health Ins-Board	15676636 6/19	6,629.97
	6/19 Health Ins-Retirees, Employees	15676635 6/19	260,159.31
			---
	PUBLIC EMPLOYEES' RETIREMENT S\$		266,789.28
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 12 6/7/19 ADJ	P/R 12 6/7 AD	49.43-
	P/R 12 6/7/19 PERS	HR 0079100	178,349.84
			---
	PUBLIC EMPLOYEES RETIREMENT SY\$		178,300.41
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R DIR 6 6/14/19 Taxes	HR 0080100	384.64
			---
	EMPLOYMENT DEVELOPMENT DEPARTM\$		384.64
Wire	INTERNAL REVENUE SERVICE P/R DIR 6 6/14/19 Taxes	HR 0080100	2,479.10
			---
	INTERNAL REVENUE SERVICE \$		2,479.10
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 11 5/24/19 PERS	HR 0078300	175,535.67
			---
	PUBLIC EMPLOYEES RETIREMENT SY\$		175,535.67
Wire	STATE BOARD OF EQUALIZATION 5/19 Sales Tax Deposit	23784561 5/19	10,515.00
			---
	STATE BOARD OF EQUALIZATION \$		10,515.00
Wire	STATE DISBURSEMENT UNIT P/R 13 6/21/19	HR 0080200	2,184.90
	P/R 13 6/21/19	HR 0080200	198.00
			---



Check	Payee / Description	Amount
	STATE DISBURSEMENT UNIT	\$ 2,382.90
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 13 6/21/19 Deferred Comp Ded	HR 0080200 29,626.55
	PUBLIC EMPLOYEE'S RETIREMENT S\$	29,626.55
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 13 6/21/19 Taxes	HR 0080200 12,151.56
	P/R 13 6/21/19 Taxes	HR 0080200 58,129.94
	EMPLOYMENT DEVELOPMENT DEPARTM\$	70,281.50
Wire	INTERNAL REVENUE SERVICE P/R 13 6/21/19 Taxes	HR 0080200 322,616.91
	INTERNAL REVENUE SERVICE	\$ 322,616.91
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 13 6/21 PERS Adj	P/R 13 6/21 A 0.10-
	P/R 13 6/21/19 PERS	HR 0080200 176,335.21
	PUBLIC EMPLOYEES RETIREMENT SY\$	176,335.11
Wire	SUMITOMO MITSUI BANKING CORP 08B 4/1/19-6/30/19 LOC Fees	NY-091282 060 39,856.31
	SUMITOMO MITSUI BANKING CORP	\$ 39,856.31
Wire	CALPERS CalPERS OPEB Unfunded Liability	5643527383-00 2,000,000.00
	CALPERS	\$ 2,000,000.00
Wire	METROPOLITAN WATER DISTRICT April 2019 Water Purchase	9698 5,722,177.32
	METROPOLITAN WATER DISTRICT	\$ 5,722,177.32

Grand Total Payment Amount: \$ 9,484,798.86

# Attachment 2E

## Payroll-Net Pay-Directors

# INLAND EMPIRE UTILITIES AGENCY

## Ratification of Board of Directors

Payroll for June 14 ,2019  
Presented at Board Meeting on August 21, 2019

DIRECTOR NAME	GROSS PAYROLL	NET PAYROLL
Jasmin Hall	\$3,141.57	\$2,000.45
Katherine Parker	\$4,178.66	\$1,669.23
Michael Camacho	\$4,260.79	\$1,579.66
Steven J. Elie	\$4,351.16	\$1,191.44
Paul Hofer	\$0.00	\$0.00
<b>TOTALS</b>	<b>\$15,932.18</b>	<b>\$6,440.78</b>

	Count	Amount
TOTAL EFTS PROCESSED	3	\$4,861.12
TOTAL CHECKS PROCESSED	1	\$1,579.66
CHECK NUMBERS USED	110396 - 110396	

**IEUA DIRECTOR PAYSHEET**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-19	IEUA Board Meeting	Yes	\$247.50
05-02-19	Village of Heritage RW Groundbreaking Event	Yes	\$247.50
05-06-19	IERCA Board Meeting	Yes	\$247.50
05-07-19	ACWA Spring Conference	Yes	\$247.50
05-08-19	ACWA Spring Conference	Yes	\$247.50
05-09-19	ACWA Spring Conference	Yes	\$247.50
05-10-19	ACWA Spring Conference	Yes (3 day max.)	\$-0-
05-13-19	SCWC Legislative Task Force Telecon	Yes	\$247.50
05-15-19	IEUA Board Meeting	Yes	\$247.50
05-16-19	MWD Solar Cup	Yes	\$247.50
05-17-19	MWD Solar Cup	Yes	\$247.50
05-18-19	MWD Solar Cup	Yes (10 mtgs. max.)	\$-0-
05-19-19	MWD Solar Cup	Yes (10 mtgs. max.)	\$-0-
			\$-0-
<b>TOTAL REIMBURSEMENT</b>			\$2,475.00
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			
Total No. of Meetings Attended			13
Total No. of Meetings Paid			10

DIRECTOR  
SIGNATURE

*Michael Camacho*  
*Director Michael Camacho*

Approved by:

*Paul Hofer*  
 Paul Hofer  
 President, Board of Directors

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

MICHAEL CAMACHO  
EMPLOYEE NO. 1362  
ACCOUNT NO. 10107 1101115 110000 501010

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-23-19	Chino Basin Watermaster Board Meeting	No	\$-0-
<b>TOTAL REIMBURSEMENT</b>			\$-0-
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 (eff. 7/01/17), including MWD meetings. 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. Record full amount on timesheet for attendance by alternates			
Total No. of Watermaster Meetings Attended			0
Total No. of Watermaster Meetings Paid			0

DIRECTOR *Opal Woodruff for*  
SIGNATURE *Director Michael Camacho*

Approved by: *Paul Hofst*  
Paul Hofst  
President, Board of Directors

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

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-02-19	Regional Policy Committee Meeting	No	\$-0-
<b>TOTAL REIMBURSEMENT</b>			\$-0-
(Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17.) IEUA pays Regional Policy Committee members (total amount of \$247.50, should reflect on timesheet))			
Total No. of Meetings Attended			0
Total No. of Meetings Paid			0

**DIRECTOR  
SIGNATURE**

*Original Worksheet for  
Director Michael Camacho*

**Approved by:**

*Paul Hofer*  
Paul Hofer  
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE  
ON CHINO BASIN WATER BANK (ALTERNATE)**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
	None		
<b>TOTAL REIMBURSEMENT</b> Up to 10 days of service per month per Ordinance No. 105			
Total No. of CBWB Meetings Attended			0
Total No. of CBWB Meetings Paid			0

DIRECTOR *Opal Woodruff*  
SIGNATURE *David Michael Camacho*

Approved by: *Paul Hofer*  
Paul Hofer  
President, Board of Directors

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

MICHAEL CAMACHO  
EMPLOYEE NO. 1140  
ACCOUNT NO. 10900 110100 500000 50125

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-02-19	CDA Board meeting	Yes (same day)	\$-0-
<b>TOTAL REIMBURSEMENT</b>			
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 7/01/17). Chino Desalter Authority will pay \$150.00 per meeting directly to the Agency. Record full amount on timesheet. CDA pays both primary and alternate for attendance			\$-0-
Total No. of CDA Meetings Attended			1
Total No. of CDA Meetings Paid			0

DIRECTOR April Woodhuff for  
SIGNATURE Director Michael Camacho

Approved by: Paul Hofer  
Paul Hofer  
President, Board of Directors



**IEUA DIRECTOR PAYSHEET**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-19	IEUA Board Meeting	Yes	\$247.50
05-03-19	Supervisor Curt Hagman Places of Fame Air Show VIP Receptions at the Flight	Yes	\$247.50
05-07-19	ACWA Spring Conference	Yes	\$247.50
05-08-19	ACWA Spring Conference	Yes	\$247.50
05-09-19	ACWA Spring Conference	Yes	\$247.50
05-13-19	SCWC Legislative Task Force Telecon	Yes	\$247.50
05-13-19	Chino Basin Project Agenda Review Telecon	Yes (same day)	\$-0-
05-15-19	IEUA Board of Directors Meeting	Yes	\$247.50
05-16-19	Chino Basin Project Ad Hoc Meeting	Yes	\$247.50
05-17-19	Meeting w/President Hofer to discuss Agency Business	Yes (staff)	\$-0-
<b>TOTAL REIMBURSEMENT</b>			\$1,980.00
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			
Total No. of Meetings Attended			10
Total No. of Meetings <b>Paid</b>			8

DIRECTOR  
SIGNATURE

*Steven J. Elie*  
 Director Steven Elie

Approved by:

*Paul Hofer*  
 Paul Hofer  
 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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-02-19	CDA Board Meeting	No	\$-0-
<b>TOTAL REIMBURSEMENT</b>			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$97.50 – difference between CDA (\$150.00 and Agency meetings \$247.50 (eff. 7/01/17), including MWD meetings. CDA pays directly to IEUA. Record full amount on timesheet.			
Total No. of CDA Meetings Attended			0
Total No. of CDA Meetings Paid			0

DIRECTOR SIGNATURE *Steven J. Elie*

Approved by: *Paul Hofer*  
Paul Hofer  
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE  
ON CHINO BASIN WATER BANK**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
	None		
<b>TOTAL REIMBURSEMENT</b>			
Up to 10 days of service per month per Ordinance No. 105. (i.e., \$147.50 – difference between CBWB (\$100.00 and Agency meetings \$247.50 (eff.7/01/17), including MWD meetings. CBWB pays directly to IEUA. Record full amount on timesheet.			
Total No. of CBWB Meetings Attended			0
Total No. of CBWB Meetings Paid			0

DIRECTOR SIGNATURE *Steven J. Elie*  
 Approved by: *Paul Hofer*  
 Paul Hofer  
 President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA  
ON WATERMASTER BOARD**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-23-19	CBWM Board Meeting	Yes*	\$-0-
<b>TOTAL REIMBURSEMENT</b>			<b>\$-0-</b>
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance. (i.e., \$122.50 – difference between Watermaster \$125.00 and Agency meetings \$247.50 (eff. 7/01/17). 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. <u>Record full amount on timesheet for attendance by alternates</u>			
Total No. of Watermaster Meetings Attended			1
Total No. of Watermaster Meetings Paid			0

\*Decline IEUA portion

DIRECTOR Special Watermaster  
SIGNATURE Director Steve Elie

Approved by: Paul Hofer  
Paul Hofer  
President, Board of Directors

## IEUA DIRECTOR PAYSHEET

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-19	IEUA Board Meeting	Yes	\$247.50
05-04-19	Annual Fontana Days Parade	Yes	\$247.50
05-06-19	CASA Membership Committee Telecon	Yes	\$247.50
05-07-19	ACWA Spring Conference	Yes	\$247.50
05-08-19	ACWA Spring Conference	Yes	\$247.50
05-09-19	ACWA Spring Conference	Yes	\$247.50
05-09-19	CASA Federal Committee Telecon	Yes (same day)	\$-0-
05-09-19	CASA Board of Directors Meeting Telecon	Yes (same day)	\$-0-
05-10-19	ACWA Spring Conference	Yes (3 day max.)	\$-0-
05-15-19	IEUA Board Meeting	Yes	\$247.50
05-16-19	Mtg. w/ City of Rialto and IEUA to discuss Rialto & IEUA business	Yes	\$247.50
05-22-19	SCWC Water Energy Efficiency Task Force Telecon	Yes	\$247.50
05-23-19	Enhanced Recharge in Santa Ana River Basin Dedication Event	Yes	\$247.50
<b>TOTAL REIMBURSEMENT</b>			
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			\$2,475.00
Total No. of Meetings Attended			13
Total No. of Meetings Paid			10

DIRECTOR April Woodruff  
 SIGNATURE Director Jasmin Hall

Approved by: Shivaji Deshmukh  
 Paul Hofer, President, Board of Directors

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

JASMIN HALL  
EMPLOYEE NO. 1256  
ACCOUNT NO. 10700 110100 110000 511010

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-06-19	2019 Legacy of Service Award Presenter (MWD)	Yes (10 mtgs. max)	\$-0-
05-13-19	MWD Finance & Insurance Committee	Yes (10 mtgs. max.)	\$-0-
05-13-19	MWD Engineering & Operations Committee	Yes (same day)	\$-0-
05-13-19	MWD Water Planning & Stewardship Committee	Yes (same day)	\$-0-
05-13-19	MWD Real Property & Asset Management Committee	Yes (same day)	\$-0-
05-13-19	MWD Communication & Legislation Committee	Yes (same day)	\$-0-
05-14-19	MWD Legal & Claims Committee	Yes (10 mtgs. max.)	\$-0-
05-14-19	MWD Conservation & Local Resources Committee	Yes (same day)	\$-0-
05-14-19	MWD Organization, Personnel, & Technology Committee	Yes (same day)	\$-0-
05-14-19	MWD Board Meeting	Yes (same day)	\$-0-
05-17-19	MWD State Water Project Tour	Yes (10 mtgs. max.)	\$-0-
05-18-19	MWD State Water Project Tour	Yes (10 mtgs. max.)	\$-0-
05-22-19	Mtg. w/Hall, Deshmukh, Pieroni to discuss MWD Legislative	Yes (staff)	\$-0-
<b>TOTAL REIMBURSEMENT</b> Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 7/01/17).			\$-0-
Total No. of Meetings Attended			13
Total No. of Meetings Paid			0

DIRECTOR  
SIGNATURE

*Opieil Woodruff for  
Director Jasmin Hall*

Approved by:

*Shiraji Deshmukh*  
Paul Hofer  
President, Board of Directors

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

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-21-19	SAWPA Commission Meeting	Yes (10 mtgs. max)	\$-0-
<b>TOTAL REIMBURSEMENT</b>			\$-0-
Up to 10 days of service per month per Ordinance No. 105), i.e., \$37.50 – difference between SAWPA (\$210.00 (eff. 01/19) and Agency meetings \$247.50 (eff. 7/01/17), including MWD meetings. SAWPA pays both primary and alternate for attendance, including mileage.			
Total No. of SAWPA Meetings Attended			1
Total No. of SAWPA Meetings Paid			0

DIRECTOR  
SIGNATURE

*April Woodruff for Director Jasmin Hall*

Approved by:

*Shivaji Deshmukh*  
Paul Hofer  
President, Board of Directors

**IEUA DIRECTOR PAYSHEET**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-19	IEUA Board Meeting	Yes	\$-0-
05-06-19	IERCA Board Meeting	Yes	\$-0-
05-08-19	Career Management Program Guest Speaker	Yes	\$-0-
05-14-19	Meeting with GM Shivaji Deshmukh	Yes (staff)	\$-0-
05-15-19	IEUA Board Meeting	Yes	\$-0-
05-17-19	Mtg. w/Director Elie to discuss Agency business	Yes	\$-0-
<b>TOTAL REIMBURSEMENT</b> Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			\$-0-
Total No. of Meetings Attended			6
Total No. of Meetings Paid			0

DIRECTOR  
SIGNATURE

*Paul Woodbury Jr.*  
*President Paul Hofer*

Approved by:

*Kati Parker*  
 Kati Parker  
 Secretary/Treasurer

Director Hofer has waived all stipend payments.



## IEUA DIRECTOR PAYSHEET

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

MAY 2019

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-01-19	IEUA Board Meeting	Yes	\$247.50
05-02-19	Village of Heritage RW Groundbreaking Event	Yes	\$247.50
05-03-19	Anaheim Sponsored MWD Colorado River Tour	Yes (decline pymt.)	\$-0-
05-04-19	Anaheim Sponsored MWD Colorado River Tour	Yes (decline pymt.)	\$-0-
05-05-19	Anaheim Sponsored MWD Colorado River Tour	Yes (decline pymt.)	\$-0-
05-08-19	Career Management Program Speaker	Yes	\$247.50
05-13-19	Chino Basin Water Conservation District Meet and Greet – GM Shivaji Deshmukh	Yes (same day)	\$-0-
05-13-19	Chino Basin Water Conservation District Board Meeting	Yes	\$247.50
05-13-19	Solar Cup T-Shirt Distribution for Upland High School	Yes (same day)	\$-0-
05-15-19	IEUA Board Meeting	Yes	\$247.50
05-16-19	Chino Basin Project Ad Hoc Meeting	Yes	\$247.50
05-30-19	TVMWD Leadership Breakfast	Yes	\$247.50
<b>TOTAL REIMBURSEMENT</b> Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			\$1,732.50
Total No. of Meetings Attended			12
Total No. of Meetings Paid			7

DIRECTOR SIGNATURE *Kati Parker*

Approved by: *Paul Hofel*  
 Paul Hofel  
 President, Board of Directors

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

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


**MAY 2019**

<b>DATE</b>	<b>TYPE OF MEETING</b>	<b>ATTENDANCE</b>	<b>TOTAL COMPENSATION</b>
05-02-19	Policy Committee Meeting	Yes (same day)	\$-0-
<b>TOTAL REIMBURSEMENT</b> (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17.) IEUA pays Regional Policy Committee members (total amount of \$247.50, should reflect on timesheet))			\$-0-
Total No. of Meetings Attended			1
Total No. of Meetings Paid			0

**DIRECTOR  
SIGNATURE**



**Approved by:**

  
Paul Hofer  
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA  
ON SAWPA COMMISSION**

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

**MAY 2019**

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
05-21-19	SAWPA Commission Meeting	Yes	\$37.50
05-23-19	SAWPA OWOW Committee Meeting	Yes	\$37.50
<b>TOTAL REIMBURSEMENT</b>			\$75.00
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$37.50 – difference between SAWPA (\$210.00 (eff. 1/19) and Agency meetings \$247.50 (eff. 7/01/17), including MWD meetings. SAWPA pays both primary and alternate for attendance, including mileage.			
Total No. of SAWPA Meetings Attended			2
Total No. of SAWPA Meetings Paid			2

DIRECTOR  
SIGNATURE

*Kati Parker*

Approved by:

*Shivaji Deshmukh*

Paul Hofer  
President, Board of Directors

## Attachment 2F

Payroll-Net Pay-Employees

<b>Non-Board Members</b>	<b>PP 12 Checks</b>	<b>PP 12 EFTs</b>	<b>PP 13 Checks</b>	<b>PP 13 EFTs</b>	<b>June</b>
NET PAY TO EE	\$0.00	\$823,374.07	\$0.00	\$779,491.63	\$1,602,865.70

# INLAND EMPIRE UTILITIES AGENCY

Payroll for June 7, 2019

Presented at Board Meeting on August 21, 2019

GROSS PAYROLL COSTS			\$1,482,515.54
DEDUCTIONS			(\$659,141.47)
NET PAYROLL			823,374.07
<b>NET PAYROLL BREAKDOWN</b>	<b>CHECKS</b>	<b>EFT</b>	<b>TOTAL</b>
CHECKS USED			
TRANSACTION PROCESSED		364	364
AMOUNT	\$0.00	\$823,374.07	<u>\$823,374.07</u>

# INLAND EMPIRE UTILITIES AGENCY

Payroll for June 21, 2019

Presented at Board Meeting on August 21, 2019

GROSS PAYROLL COSTS			\$1,361,711.38
DEDUCTIONS			(\$582,219.75)
NET PAYROLL			779,491.63
<b>NET PAYROLL BREAKDOWN</b>	<b>CHECKS</b>	<b>EFT</b>	<b>TOTAL</b>
CHECKS USED			
TRANSACTION PROCESSED		361	361
AMOUNT	\$0.00	\$779,491.63	<u>\$779,491.63</u>

**CONSENT  
CALENDAR  
ITEM**

**3C**





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**Date:** August 21, 2019 ASD  
**To:** The Honorable Board of Directors **From:** Shivaji Deshmukh, General Manager  
**Committee:** Engineering, Operations & Water Resources 08/14/19  
Finance & Administration 08/14/19  
**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM  
**Subject:** RP-5 Expansion Design Contract Amendment

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**Executive Summary:**

In June 2017, the design of the Regional Water Recycling Plant No. 5 Expansion (RP-5) began. To date, the project design team has completed the 90 percent design.

Due to recent events at IEUA, modifications to the project are needed. This amendment includes two main scope items: Renewable Energy and Efficiency Project (REEP) Incorporation into the project and Instrumentation Modifications. Details of the amendment including discussions on impacts to design, construction, cost, and schedule are provided in Attachment 1 - Background.

The Board of Directors previously approved an amendment for \$495,979 in March 2019. If approved, the additional design fee in the amount of \$517,494 will increase Parsons design contract amount from \$18,551,210 to \$19,068,704 resulting in a total amendment ratio of 5.97 percent. There is no change to the project schedule as a result of this amendment; however, the REEP Incorporation changes will be issued as an addendum during bidding as to not affect the project schedule.

---

**Staff's Recommendation:**

1. Approve a consulting engineering services contract amendment for the RP-5 Expansion, Project Nos. EN19001 and EN19006, to Parsons Water and Infrastructure Inc., in the amount of \$517,494; and
  
2. Authorize the General Manager to execute the consulting engineering services contract amendment, subject to non-substantive changes.

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

*Account/Project Name:*

EN19001/RP-5 Liquids Treatment Expansion  
EN19006/RP-5 Solids Treatment Facility

*Fiscal Impact (explain if not budgeted):*

None.

**Prior Board Action:**

On March 20, 2019, the Board of Directors approved a contract amendment for \$495,979.  
On May 17, 2017, the Board of Directors approved a contract amendment for the design to Parsons Water & Infrastructure, Inc., for the not-to-exceed amount of \$17,993,680.  
On March 15, 2017, the Board of Directors adopted the RP-1 and RP-5 Expansion Preliminary Design Report.

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**Environmental Determination:**

Program Environmental Impact Report (Finding of Consistency)

Staff is currently completing a Finding of Consistency with IEUA's Program Environmental Impact Report and has completed CEQA Plus evaluation for potential SRF Loan Funding.

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**Business Goal:**

The RP-5 Liquids Treatment Expansion Project is consistent with the Agency's Business Goal of Wastewater Management specifically the Water Quality objective that IEUA will ensure that Agency systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

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**Attachments:**

Attachment 1 - Background  
Attachment 2 - PowerPoint  
Attachment 3 - Design Amendment

# **Attachment 1**

# Background

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Subject: RP-5 Expansion Design Contract Amendment

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In March 2017, the IEUA Board of Directors approved the findings of the Regional Water Recycling Plant No. 1 (RP-1) and Regional Water Recycling Plant No. 5 (RP-5) Expansion Preliminary Design Report (PDR). The PDR outlined a process of pre-selecting major pieces of equipment to ensure these met specific qualifications required by IEUA and outlined the progression of the design. In May 2017, the IEUA Board of Directors approved the consulting engineering services contract amendment for the RP-5 Expansion Design to Parsons Water & Infrastructure Inc., (Parsons). In June 2017, the project design team began work on the project and to date has completed the 30 percent design, 50 percent design, and provided 90 percent design. The project team is finalizing the design and has identified potential modifications to the design that will result in reduced construction cost, improved operations, or reliable maintenance of RP-5. The amendment includes two tasks:

1. REEP Incorporation
2. Instrumentation Modifications.

Details of these scope items including discussions on impacts to design, construction, cost, and schedule are provided below.

## REEP INCORPORATION

*Design Scope of Work:* Task 1 – SCADA Migration: As-Built Existing Facility Control System  
Task 2 – SCADA Migration: Create PCN's and P&ID's  
Task 3 – SCADA Migration: Migrate Control System to PlantPax  
Task 4 – Piping Modifications: Modifying Engine Exhaust Piping  
Task 5 – Piping Modifications: Modify Jacket Water Pump Piping

*Justification:* SCADA Migration: The REEP facility was not upgraded during the RP-5 SCADA Migration Project due to the facility being operated by a third party. With the termination of the operation agreement in 2019, the REEP control system needs to be upgraded to meet IEUA's SCADA Standards and incorporation into the RP-5 Expansion. This includes programming the system in PlantPax, updating hardware components such as controllers and communication modules, and modifying the network architecture to Parallel Redundant Processing (PRP).

Piping Modifications: The Engine No. 1 exhaust piping was modified during third party operation to allow for an installation of a Selective Catalytic Reduction (SCR) System to meet exhaust emission standards requiring removal of the exhaust heat exchanger. A new roof penetration will be added to shorten the length of the exhaust piping and allow for reinstallation of exhaust heat exchanger. In addition, the jacket water pumps will be modified to allow for heat recovery for the RP-5 Solids Treatment Facility's hot water loop, increasing the efficiency of the facility. Similar Modifications are included for Engine No. 2 as well.

*Design Amendment Value:* \$354,821

### INSTRUMENTATION MODIFICATIONS

*Design Scope of Work:* Task 1 – Provide Hardwire Controls for Equipment Reset and Bypasses  
Task 2 – Provide Monitoring Signal for All Motorized Valves Indicating When in "Local"

*Justification:* As part of the IEUA SCADA standards, more instrumentation has been designed to be controlled through ethernet versus hardwire. This allows for an overall simplification of the control system and a reduction of cost. However, it is slightly less reliable due to the addition of one additional communication switch that has the potential to fail. Therefore, the IEUA SCADA standards have been revised to hardwire resets and bypass switches for equipment that impacts safety or compliance of IEUA facilities (i.e. sewer pumps, gas flare systems, etc.). This amendment is to allow for modification to the RP-5 Expansion Project contract documents to incorporate this change.

As part of the IEUA SCADA standards, all valves LOR switches are monitored by SCADA when in "Local". This provides clear indication that the valve operation status of "Local", or "Off", or "Remote". The "Remote" status signal is included in the design already, and "Off" signal is inferred. This amendment is to allow for modification to the RP-5 Expansion Project contract documents to incorporate this change.

*Design Amendment Value:* \$162,673

### SCHEDULE

There is no change to the project schedule as result of this amendment, however REEP Incorporation changes will be issued as an addendum during bidding as to not affect the project schedule. The project schedule is below:

<b>RP-5 Expansion Project Schedule</b>	<b>Date</b>
RP-5 Expansion Final Design	September 2019
RP-5 Expansion Construction Bid	October 2019
RP-5 Expansion Board Award	March 2020
RP-5 Solids Treatment Facility Construction Completion	March 2023
RP-5 Liquids Treatment Expansion Construction Completion	December 2024

**FISCAL IMPACT**

The total value of this amendment is \$517,530, with the task breakdown shown in the table below:

<b>Amendment</b>	<b>Value</b>
REEP SCADA Migration and Piping Modifications	\$354,821
Instrumentation Modifications	\$162,673
<b>TOTAL</b>	<b>\$517,494</b>

The amendment will increase Parsons' design contract amount from \$18,551,210 to \$19,068,704, resulting in a total amendment ratio of 5.97 percent. The amendment value is within the budgeted design contingency.

# **Attachment 2**

# RP-5 Expansion Project Design Contract Amendment

Project Nos. EN19001/EN19006



Shaun J. Stone, P.E.  
August 2019



# Design Contract Amendments Overview

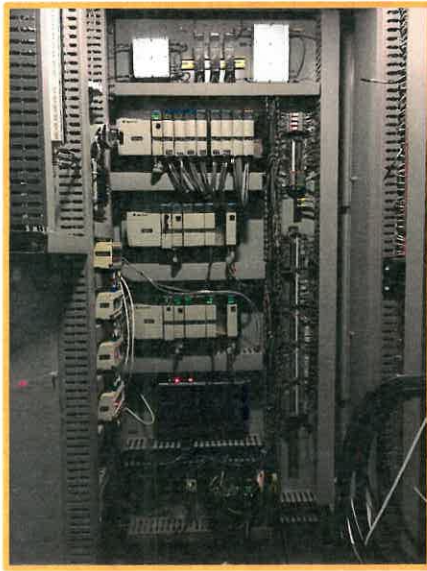
Amendments to reduce construction cost, improve operations, and/or provide reliable maintenance:

Amendment	Amount
REEP Incorporation: SCADA Migration and Piping Improvements	\$354,821
Instrumentation Modifications	\$162,673
<b>Total</b>	<b>\$517,494</b>

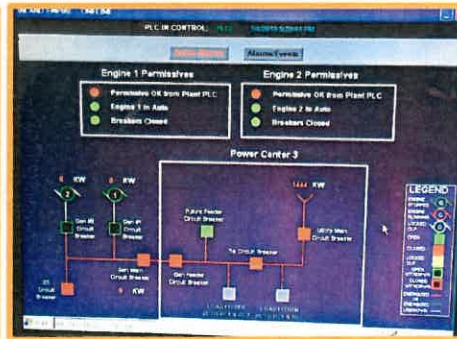


RP-5 Site

# REEP Incorporation: SCADA Migration and Piping Modifications



REEP Control Cabinet



REEP Control Screen



REEP Exhaust Piping

- Scope:
  - Update control hardware and software to PlantPax system
  - Modify engine exhaust piping and heat recovery systems to meet emissions
- Justification: Due to third party operation until 2019, REEP was not modified under prior projects
- Amendment Amount: \$354,821

# Instrumentation Modifications



*Influent Pump Control Center*

- Scope:
  - Provide hard-wired equipment remote resets and bypass switches
  - Provide monitoring signal for all motorized valves indicating when in “Local”
- Justification: Provides increased operational reliability of systems during remote operation an accurate statuses.
- Amendment Amount: \$162,673

# RP-5 Expansion Project Budget and Schedule

Description	Estimated Cost
<b>Design Services</b>	<b>\$26,642,725</b>
Consultant Design Contract	\$19,068,704
Design Amendment Cost	\$517,494
Other Design Services (3%)	\$7,574,021
<b>Construction Services</b>	<b>\$24,210,000</b>
Engineering Services During Construction (3%)	\$8,070,000
Other Construction Services (6%)	\$16,140,000
<b>Construction</b>	<b>\$309,845,000</b>
Construction (estimate)	\$281,845,000
Contingency (~10%)	\$28,000,000
<b>Total Project Cost:</b>	<b>\$360,697,725</b>
<b>Total Project Budget:</b>	<b>\$325,000,000</b>

Project Milestone	Date
<b>Design</b>	
✔ Consultant Design Contract Award	May 2017
✔ 30% Design Completion	December 2017
✔ 50% Design Completion	July 2018
✔ 90% Design Completion	June 2019
Final Design Completion	September 2019
<b>Construction</b>	
Construction Bid Phase	October 2019
Construction Contract Award	March 2020
Solids Facility Completion	March 2023
Liquids Construction Completion	December 2024

# Recommendation

- Approve a consulting engineering services contract amendment for the RP-5 Expansion, Project Nos. EN19001 and EN19006, to Parsons Water and Infrastructure Inc., in the amount of \$517,494; and
- Authorize the General Manager to execute the consulting engineering services contract amendment, subject to non-substantive changes.

The RP-5 Liquids Treatment Expansion Project is consistent with **IEUA's Business Goal of Wastewater Management** specifically the Water Quality objective that IEUA will ensure that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

# **Attachment 3**



**CONTRACT AMENDMENT NUMBER: 460002042-007**  
**CONSULTING ENGINEERING SERVICES**  
**FOR**  
**RP-5 LIQUIDS TREATMENT SYSTEM EXPANSION,**  
**AND RP-5 SOLIDS TREATMENT FACILITY SERVICES**

THIS CONTRACT AMENDMENT SEVEN is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2019, 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 Parsons Water & Infrastructure Inc. with offices located in Pasadena, California (hereinafter referred to as "Consultant") to provide professional design engineering services in support of Projects EN19001 and EN19006 (previously EN16025 and EN16028), and shall revise the Contract as herein amended:

**SECTION 4, SCOPE OF WORK AND SERVICES, IS HEREBY AMENDED TO ADD THE FOLLOWING:** Additional Consultant services and responsibilities shall include and be in accordance with **Exhibit A-007** referenced herein, attached hereto, and made a part hereof.

**SECTION 6., PAYMENT, INVOICING AND COMPENSATION, IS HEREBY AMENDED TO ADD THE FOLLOWING:** Contract value is increased by \$517,494.00, increasing the Contract's total **NOT-TO-EXCEED** maximum amount to **\$19,068,704.00**.

**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)

PARSONS WATER & INFRASTRUCTURE INC.:

\_\_\_\_\_  
Shivaji Deshmukh (Date)  
General Manager

\_\_\_\_\_  
Satish Kamath, P.E., BCEE (Date)  
Vice President, Program Director

# **EXHIBIT A-007**



April 26, 2019

Jason Marseilles, P.E.  
Senior Engineer  
Inland Empire Utilities Agency  
6075 Kimball Avenue  
Chino, CA 91708

Subject: Change Order Proposal for Design Services for a Modification to the Exhaust Piping and Jacket Water System at the Renewable Energy Efficiency Project (REEP) Facility

Dear Mr. Marseilles:

Parsons is pleased to present this change order letter proposal for design services for modifications to the exhaust piping and jacket water system at REEP. Included in the letter proposal is the scope of services, level of effort and fee.

### Scope of Work

Scope of work is as follows:

- Modify exhaust piping from Engine #1.
  - Remove piping that was installed by Burrtec and install a new 30" exhaust pipe, routed through a new penetration in the roof.
  - The new penetration would be closer to Engine #1 than either of the existing roof penetrations.
- Modify jacket water pumps as needed to add a heat exchanger to send hot water to the main RP-5 hot water loop.
  - This may mean replacing the existing pumps or modifying the existing pumps to handle the added pressure drop from the heat exchanger.
  - Hours have been included to perform the evaluation and design the modifications as needed.

### Level of Effort and Fee

Total of 316 hours of engineering/designer/management time is required to complete the effort and the total fee to complete the above tasks is \$57,222. A detailed breakdown of this fee is included in Attachment A.

We thank IEUA for the opportunity to present this proposal. If you have any further questions or comments, please contact me at 626 440 3355 or satish.kamath@parsons.com.

Sincerely,



Satish Kamath, P.E., BCEE  
Vice President

Attachment A  
Estimated Level of Effort and Fee

Estimated Level of Effort and Fee

TASK	DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	TOTAL HOUR	LABOR FEE	SUBCONSULTANT					TOTAL FEE
																	Brown and Caldwell	Geotech.	TOTAL SUB w/ 4.8% MARKUP	ODCs	Major Printing	
		\$275/hr	\$285/hr	\$280/hr	\$235/hr	\$215/hr	\$205/hr	\$170/hr	\$125/hr	\$112/hr	\$140/hr	\$108/hr	\$170/hr	\$55/hr				4.8%	2.00%			
<b>1. Additional Design Work for REEP</b>																						
4.1	Project Management	0	16	0	0	0	0	0	0	0	0	0	0	0	16	\$4,240			\$0	\$85		\$4,325
4.2	General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$0		\$0
4.3	Civil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$0		\$0
4.4	Architectural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$0		\$0
4.5	Process Mechanical	0	0	0	0	40	0	0	0	0	0	80	0	0	120	\$19,800			\$0	\$396		\$20,196
4.6	Building mechanical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$641		\$32,701
4.7	Structural	0	0	0	0	100	0	0	0	0	60	20	0	0	180	\$32,900			\$0	\$0		\$32,900
4.8	Electrical and Controls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$0		\$0
4.9	QA/QC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$0		\$0
4.10	Cost Estimating	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0			\$0	\$0		\$0
Subtotal Task 4		0	16	0	0	140	0	0	0	0	140	20	0	0	316	\$66,100	\$0	\$0	\$0	\$1,122	\$0	\$67,222
Total Tasks 1 through 4		0	16	0	0	140	0	0	0	0	140	20	0	0	316	\$66,100	\$0	\$0	\$0	\$1,122	\$0	\$67,222
<b>Additional Tasks</b>																						
															0	\$0			\$0	\$0		\$0
															0	\$0			\$0	\$0		\$0
<b>Grand Total</b>			16	0	0				0	0				0	316	\$66,100	\$0	\$0	\$0	\$1,122	\$0	\$67,222

A = Principal-In-Charge	F = Supervising Engineer	K = Designer
B = Project Manager	G = Senior Engineer	L = Cost Estimator/Scheduler/Project Controls
C = Technical Advisor	H = Staff Engineer	M = Administrative Support Staff/Word Processor
D = Principal Engineer	I = Associate Engineer	
E = Project Engineer	J = Senior Designer	

June 28, 2019

Jason Marseilles, P.E.  
Senior Engineer  
Inland Empire Utilities Agency  
6075 Kimball Avenue  
Chino, CA 91708

Subject: Proposal for Incorporation of Motor Control Input/Output Change at RP-5

Dear Mr. Marseilles:

Parsons is pleased to present this letter proposal for design services to incorporate motor control input/output into the anaerobic digester design for the RP-5 Expansion and Upgrade project. Included in the letter proposal is the project background, basis for scope, scope of services, schedule, level of effort and fee.

### **Background**

The Inland Empire Utilities Agency's (IEUA) Regional Plant (RP)-5 expansion/upgrades project is at 90% design completion stage. Prior to submittal of the 90% design package IEUA requested control system changes. These changes relate to changing some points from networked input/output (I/O) to hard-wired I/O. Because of the high level of detail on the drawings approaching 90 percent, the change effects many aspects of the design (i.e, most process and instrumentation diagram drawings, most electrical control schematics and conduit schedules to increase the wire counts.

### **Basis for Scope**

Prior to this most recent requested change, the design team had incorporated a number of control systems changes from IEUA through the design process, with no changes in project design budget. Previous changes incorporated include:

- Changes from original written direction from IEUA on October 18, 2017 to use all networked I/O for non-variable frequency drive starters (direction was later given to use a combination of hard-wired and networked I/O).
- Iterative process from IEUA with changes in what I/O is considered "critical" and therefore needs to be hard-wired vs networked.
- Changes to incorporate equipment tagging system direction received after the 60 percent deliverable.
- Changes resulting from process control narrative workshops with IEUA occurring late in the design process (well after the 60 percent deliverable and in some cases still occurring after the 90 percent deliverable).

Jason Marseilles, P.E.  
Senior Engineer  
Inland Empire Utilities Agency  
June 28, 2019

For this proposal the following general assumptions were made:

- Parsons will provide sample P&IDs and control schematics for both variable frequency drive (VFD) and non-VFD type motor controllers to IEUA for review before the design team proceeds with implementing these changes.
- The changes will then be incorporated into the 100 percent documents (bid set) without interim reviews by IEUA (in the interest of time).
- Parsons team will perform an internal QC of these specific changes before delivering them with the 100 percent documents (bid set).
- Parsons to update the cost estimate resulting from any design changes.

### **Scope of Work**

Detailed scope of work for is as follows:

1. Parsons will update the control schematics
2. Power center plan drawings will be updated
3. Conduit and cable schedules will be updated
4. Process and P&ID's will be updated
5. I/O list will be updated
6. Process control narratives will be updated
7. QA/QC activities will be performed
8. Project Management activities will be conducted.

### **Schedule**

It is anticipated this activity will last 5 weeks. Incorporation of this scope of work will be conducted concurrently with the RP5 100% design activities. All efforts will be made to complete this work along with 100% design completion. However, due to level of effort involved in this scope of work we anticipate a 2 – 3 week schedule extension may be required.

### **Level of Effort and Fee**

The level of effort and fee to complete this work is presented as Attachment 1 to this proposal. The fee required to complete this work is \$ 100,725. We have also attached our team member Brown and Caldwell proposal for reference as Attachment 2.

Jason Marseilles, P.E.  
Senior Engineer  
Inland Empire Utilities Agency  
June 28, 2019

We thank IEUA for the opportunity to present this proposal. If you have any further questions or comments, please contact me at 626 440 3355 or [satish.kamath@parsons.com](mailto:satish.kamath@parsons.com).

Sincerely,

A handwritten signature in blue ink that reads "Satish Kamath". The signature is fluid and cursive, with a prominent initial "S" and a long, sweeping underline.

Satish Kamath, P.E., BCEE  
Vice President

Level of Effort and Fee  
Attachment 1

TASK	DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	TOTAL HOUR	LABOR FEE	SUBCONSULTANT					
																	Brown and Caldwell	Geotech	TOTAL SUB w/ 4.8% MARKUP	ODC#	Major Printing	TOTAL FEE
Ethernet Vs Hardware of Controls (All Control Schematic to be modified)																						
1	Control Schematics (25 drawings)						36	30				28			100		\$17,420	\$12,325	\$12,817	\$348	\$30,695	
2	Power Center Plan Drawings (7 drawings)						40	60				40			140		\$24,000	\$0	\$0	\$480	\$24,480	
3	Conduit and Cable Schedule (10 drawings)						4	8				8			20		\$3,300	\$3,106	\$3,256	\$66	\$6,621	
4	Update P&IDs (35 drawings)														0		\$0	\$15,673	\$16,426	\$0	\$16,426	
6	Update I/O List														0		\$0	\$2,671	\$2,799	\$0	\$2,799	
6	Update Process Control Narratives														0		\$0	\$4,738	\$4,955	\$0	\$4,955	
7	QA/QC				16	20									42		\$9,350	\$0	\$0	\$187	\$9,537	
8	Project Management		10										10	8	28		\$5,110	\$0	\$1,021	\$0	\$6,131	
<b>Subtotal</b>			0	10	0	16	28	80	104	0	0	76	0	10	8	330	\$69,180	\$38,613	\$0	\$40,362	\$1,184	\$109,728
<b>Total Ethernet Vs Hardware of Controls</b>			0	10	0	16	28	80	104	0	0	76	0	10	8	330	\$69,180	\$38,613	\$0	\$40,362	\$1,184	\$109,728

A = Principal-In-Charge	F = Supervising Engineer	K = Designer
B = Project Manager	G = Senior Engineer	L = Cost Estimator/Scheduler/Project Controls
C = Technical Advisor	H = Staff Engineer	M = Administrative Support Staff/Word Processor
D = Principal Engineer	I = Associate Engineer	
E = Project Engineer	J = Senior Designer	



Brown & Caldwell Proposal  
Attachment 2

18500 Von Karman Avenue, Suite 1100  
Irvine, California 92612

T: 714.730.7600  
F: 714.734.0940



June 27, 2019

Mr. Satish Kamath, P.E.  
Vice President, Program Director  
Parsons  
100 W. Walnut Street  
Pasadena, California 91124

150907.010

Subject: Inland Empire Utilities Agency RP-5 Liquids Treatment System Expansion and RP-5 Solids Treatment Facility Design – **Incorporation of Motor Control Input/Output Change Requested by IEUA**

Dear Mr. Kamath:

Thank you for the opportunity to team with Parsons on the Inland Empire Utilities Agency (IEUA) RP-5 Liquids Treatment System Expansion and RP-5 Solids Treatment Facility Design (Project). Brown and Caldwell (BC) is committed to partnering with you to support the development of the Project documents using both local experienced staff and our nationally-recognized process design experts.

As requested, we have developed a scope to incorporate control system changes requested by IEUA shortly before the 90-percent quality control set deadline. These changes relate to changing some points from networked input/output (I/O) to hard-wired I/O. Because of the high level of detail on the drawings approaching 90 percent, this change affects many aspects of the design (i.e., most process and instrumentation diagram drawings, most electrical control schematics, and conduit schedules to increase the wire counts). As noted in email correspondence between BC and Parsons on April 29, 2019, we held on incorporating these late changes until they could be discussed with IEUA, so that we could focus on completing the rest of the 90-percent design on schedule while the impacts of this requested change were reviewed with IEUA.

Prior to this most recent requested change, the design team had incorporated a number of control systems changes from IEUA through the design process, with no change in project design budget. Previous changes incorporated include:

- Changes from original written direction from IEUA on October 18, 2017, to use all networked I/O for non-variable frequency drive starters (direction was later given to use a combination of hard-wired and networked I/O).
- Iterative process from IEUA with changes in what I/O is considered “critical” and therefore needs to be hard-wired vs. networked.
- Changes to incorporate equipment tagging system direction received after the 60 percent deliverable.
- Changes resulting from process control narrative workshops with IEUA occurring very late in the design process (well after the 60 percent deliverable and in some cases still occurring after the 90 percent deliverable).

Mr. Satish Kamath  
Parsons  
June 27, 2019  
Page 2

The following attachments are provided:

- A. Scope of Work, Fee Summary, and Schedule
- B. Level of Effort and Fee (BC only)

The proposed fee to complete the items described in the attached Scope of Work is \$38,512. We have based our fee on the assumptions described in the attachments, which were developed from our collective communications since request of these services from IEUA.

We look forward to continuing our work with you on this important project.

Very truly yours,

**Brown and Caldwell**

A handwritten signature in black ink, appearing to read "Mike Puccio". The signature is fluid and cursive, written over a white background.

**Mike Puccio, P.E.,**  
Vice President

AL:MP:re

## **Attachment A: Scope of Work, Fee Summary, and Schedule**

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# Scope of Work, Fee Summary, and Schedule

## Attachment A

### Introduction

On April 25, 2019, and shortly before the 90-percent quality control (QC) set was compiled, Inland Empire Utilities Agency (IEUA) issued new direction on control systems design. Specifically, direction was provided to change from networked to hard-wired input/output (I/O) for specific points (alarm RESET). These changes relate to changing some points from networked I/O to hard-wired I/O. As noted in email correspondence between Brown and Caldwell (BC) and Parsons on April 29, 2019, we held on incorporating these late changes until they could be discussed with IEUA, so that we could focus on completing the rest of the 90 percent design on schedule while the impacts of this requested change were reviewed with IEUA.

Because of the high level of detail on the drawings approaching 90 percent, this change affects many aspects of the design (i.e., most process and instrumentation diagram [P&ID] drawings, most electrical control schematics, and conduit schedules to increase the wire counts). As noted in Parsons' email correspondence on April 29, 2019, BC held on incorporating these late changes until they could be discussed with IEUA, so that we could focus on completing the rest of the 90 percent design on schedule. This scope of work includes design services required to modify the contract documents to provide additional digester capacity for food waste co-digestion. A summary of the scope of work is provided below.

### Assumptions

The following general assumptions were made in preparation of this proposal:

- Parsons will provide sample P&IDs and control schematics for both variable frequency drive (VFD) and non-VFD type motor controllers to IEUA for review before the design team proceeds with implementing these changes.
- The changes will then be incorporated into the 100 percent documents (bid set) without any further interim reviews by IEUA.
- BC will perform an internal QC of these specific changes before delivering them with the 100 percent documents (bid set).
- Parsons to update the 100 percent cost estimate with any resulting design changes.

## 1.0 Scope of Work

### BC Scope and Assumptions

The BC-specific scope of work is based on the assumptions listed below.

1. Update P&IDs to change from networked reset to hard-wired reset for motor-driven equipment (primarily pumps and fans).



2. Update I/O list to incorporate additional points at each remote I/O module for hard-wired resets.
3. Update process control narratives to reflect hard-wired reset.
4. Update control schematics to change from networked reset to hard-wired reset for all motor-driven equipment.
5. Update conduit schedules to incorporate additional wiring required for additional I/O points to each starter.
6. Perform quality assurance (QA)/QC on design changes in accordance with project QA/QC plan.

## 2.0 Fee Summary

The level of effort was estimated using a total sheet count of 54 drawings impacted by the changes. The estimated fee to complete the amendment scope of work is \$38,512. A detailed level of effort and fee estimate is provided in Attachment B.

## 3.0 Schedule

If the proposal is accepted and pending the date of authorization, extension of the current schedule may be required to accommodate the effort associated with these changes. The schedule for incorporation of these changes will be coordinated with Parsons and the overall project schedule. We anticipate that a schedule extension of 2 to 3 weeks would be required to incorporate these changes.



## **Attachment B: Level of Effort and Fee**

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**INLAND EMPIRE UTILITIES AGENCY**  
**RP-5 EXPANSION AND SOLIDS TREATMENT FACILITY**

**Motor Control I/O Change - BC Level of Effort and Fee**

Role	Project	Design	QA/QC	Lead I&C	I&C	Lead Elec	Elec	Total	Total	Total	
Task description	Contract bill rate	Manager	Manager	Lead	Engineer	Designer	Engineer	Designer	Hours	Labor	Cost
		\$242.31	\$212.04	\$211.62	\$204.00	\$150.00	\$204.00	\$150.00			
1 - Update P&IDs (~35 drawings)	1	2	4	40	40	0	0	87	\$15,673	\$15,673	
2 - Update I/O List	0	2	2	6	4	0	0	14	\$2,671	\$2,671	
3 - Update Process Control Narratives	1	2	2	12	8	0	0	25	\$4,738	\$4,738	
4 - Update Control Schematics (~19 drawings)	1	2	10	0	0	12	48	73	\$12,325	\$12,325	
5 - Update Conduit Schedules	1	2	2	0	0	4	8	17	\$3,106	\$3,106	
<b>TOTAL</b>	<b>4</b>	<b>10</b>	<b>20</b>	<b>58</b>	<b>52</b>	<b>16</b>	<b>56</b>	<b>216</b>	<b>38,512</b>	<b>\$38,512</b>	



July 26, 2019

Jason Marseilles, P.E.  
Senior Engineer  
Inland Empire Utilities Agency  
6075 Kimball Avenue  
Chino, CA 91708

Subject: Proposal for Incorporation of Motorized Valves LOR Monitoring at RP-5

Dear Mr. Marseilles:

Parsons is pleased to present this letter proposal for design services to incorporate motorized valves LOR monitoring change request for the RP-5 Expansion and Upgrade project. Included in the letter proposal is the project background, basis for scope, scope of services, schedule, level of effort and fee.

### **Background**

The Inland Empire Utilities Agency's (IEUA) Regional Plant (RP)-5 expansion/upgrades project is past 90% design completion stage. The current design provides for monitoring of motorized valves LOR in remote position. During one of Process Control Narrative (PCN) workshops, IEUA requested addition of LOR In Local signal to all motorized valves.

### **Basis for Scope**

For this proposal the following general assumptions were made:

- No alarming is added for LOR In Local condition.
- The addition of LOR In Local signals to all motorized valves will be incorporated into the 100 percent documents (bid set) without any further interim reviews by IEUA.
- Parsons' team will perform an internal QC of these specific changes before delivering them with the 100 percent documents (bid set).
- Parsons will update the 100 percent cost estimate with any resulting design changes.

### **Scope of Work**

Detailed scope of work is as follows:

1. Update P&IDs to add LOR In Local signal to all motorized valves.
2. Update I/O list to incorporate additional points at each remote I/O module, as needed.
3. Update PCNs to reflect additional signals.
4. Instrument Plan: Provide call out of conduit and wire call-outs along the conduit/wire route from field valves to I/O rack in PC.

Jason Marseilles, P.E.  
Senior Engineer  
Inland Empire Utilities Agency  
July 26, 2019

5. Power Center Plan Drawings: Perform cable tray fill calculation and sizing. Size conduits between incoming conduits below grade and cable tray above.
6. Site Plan: Verify conduit fill, duct bank sizing and changes as required.
7. Update conduit schedules to incorporate additional wiring required for additional I/O points to each motorized valve.
8. Perform QA/QC on design changes in accordance with project QA/QC plan.

#### **Schedule**

Incorporation of this scope of work will be conducted concurrently with the RP5 100% design activities. All efforts will be made to complete this work along with 100% design completion and therefore, no schedule extension will be required.

#### **Level of Effort and Fee**

The level of effort and fee to complete this work is presented as Attachment 1 to this proposal. The fee required to complete this work is \$61,948. We have also attached our team member Brown and Caldwell proposal for reference as Attachment 2.

We thank IEUA for the opportunity to present this proposal. If you have any further questions or comments, please contact me at 626 440 3355 or [satish.kamath@parsons.com](mailto:satish.kamath@parsons.com).

Sincerely,



Satish Kamath, P.E., BCEE  
Vice President

Level of Effort and Fee  
Attachment 1

TASK	DESCRIPTION	SUBCONSULTANT													TOTAL HOUR	LABOR FEE	Brown and Caldwell		TOTAL SUB w/ 4.8% MARKUP	ODC%	Major Printing	TOTAL FEE
		A	B	C	D	E	F	G	H	I	J	K	L	M								
		\$275/hr	\$285/hr	\$250/hr	\$235/hr	\$215/hr	\$205/hr	\$170/hr	\$125/hr	\$112/hr	\$140/hr	\$108/hr	\$170/hr	\$95/hr			2.8%	2.00%				
<b>LOR Monitoring</b>																						
1	Update P&IDs (34 drawings)						6	32							38	\$6,670	\$8,272	\$8,669	\$133	\$15,472		
2	Update I/O List						2	2							4	\$750	\$3,283	\$3,420	\$15	\$4,188		
3	Update PCN						4	16							20	\$3,540	\$3,481	\$3,648	\$71	\$7,259		
4	Update Instrument Plans (15 drawings)						15	38					22		75	\$12,015	\$0	\$0	\$252	\$12,867		
5	Update Power Center Plans (7 drawings)						7	18					10		35	\$5,895	\$0	\$0	\$118	\$6,013		
6	Update Site Plans (7 drawings)						7	18					10		35	\$5,895	\$0	\$0	\$118	\$6,013		
7	Update Conduit and Cable Schedules (18 drawings)						4	10					6		20	\$3,360	\$3,494	\$3,662	\$67	\$7,089		
8	Project Management						6						6	4	16	\$2,990	\$0	\$0	\$60	\$3,050		
<b>Subtotal</b>		0	6	0	0	0	45	134	0	0	48	0	6	4	243	\$41,715	\$18,510	\$0	\$19,398	\$834	\$81,948	
<b>LOR Monitoring</b>		0	6	0	0	0	45	134	0	0	48	0	6	4	243	\$41,715	\$18,510	\$0	\$19,398	\$834	\$81,948	

A =	Principal-in-Charge	F =	Supervising Engineer	K =	Designer
B =	Project Manager	G =	Senior Engineer	L =	Cost Estimator/Scheduler/Project Controls
C =	Technical Advisor	H =	Staff Engineer	M =	Administrative Support Staff/Word Processor
D =	Principal Engineer	I =	Associate Engineer		
E =	Project Engineer	J =	Senior Designer		

Brown & Caldwell Proposal  
Attachment 2

18500 Von Karman Avenue, Suite 1100  
Irvine, California 92612

T: 714.730.7600  
F: 714.734.0940



July 22, 2019

Mr. Satish Kamath, P.E.  
Vice President, Program Director  
Parsons  
100 W. Walnut Street  
Pasadena, California 91124

150907.010

**Subject: Inland Empire Utilities Agency RP-5 Liquids Treatment System Expansion and RP-5 Solids Treatment Facility Design – Incorporation of Motorized Valves LOR Monitoring Change Requested by IEUA**

Dear Mr. Kamath:

Thank you for the opportunity to team with Parsons on the Inland Empire Utilities Agency (IEUA) RP-5 Liquids Treatment System Expansion and RP-5 Solids Treatment Facility Design (Project). Brown and Caldwell (BC) is committed to partnering with you to support the development of the Project documents using both local experienced staff and our nationally-recognized process design experts.

As requested, we have developed a scope to incorporate control system changes requested by IEUA during the Process Control Narrative (PCN) workshops. These changes relate to the addition of monitoring LOR In Local for all motorized valves. Because of the high level of detail on the drawings approaching 100 percent, this change affects many aspects of the design (i.e., several process and instrumentation diagram drawings, I/O list, PCNs, and conduit schedules to increase the wire counts).

The following attachments are provided:

- A. Scope of Work, Fee Summary, and Schedule
- B. Level of Effort and Fee (BC only)

The proposed fee to complete the items described in the attached Scope of Work is \$18,510. We have based our fee on the assumptions described in the attachments, which were developed from our collective communications since request of these services from IEUA.

We look forward to continuing our work with you on this important project.

Very truly yours,

**Brown and Caldwell**

A handwritten signature in black ink, appearing to read "Mike Puccio".

Mike Puccio, P.E.,  
Vice President

## **Attachment A: Scope of Work, Fee Summary, and Schedule**

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# Scope of Work, Fee Summary, and Schedule

## Attachment A

### Introduction

On July 3, 2019, during one of the Process Control Narrative (PCN) workshops, Inland Empire Utilities Agency (IEUA) issued new direction on control systems design. Specifically, direction was provided to add an additional signal for all motorized valves (LOR In Local). This requirement was not previously known, and most of the existing equipment at RP5 does not monitor LOR in local.

Because of the high level of detail on the drawings approaching 100 percent, this change affects many aspects of the design (i.e., many process and instrumentation diagram [P&ID] drawings, I/O list, PCNs, and conduit schedules to increase the wire counts).

### Assumptions

The following general assumptions were made in preparation of this proposal:

- The addition of LOR In Local signals to all motorized valves will be incorporated into the 100 percent documents (bid set) without any further interim reviews by IEUA.
- BC will perform an internal QC of these specific changes before delivering them with the 100 percent documents (bid set).
- Parsons to update the 100 percent cost estimate with any resulting design changes.

## 1.0 Scope of Work

### BC Scope and Assumptions

The BC-specific scope of work is based on the assumptions listed below.

1. Update P&IDs to add LOR In Local signal to all motorized valves.
2. Update I/O list to incorporate additional points at each remote I/O module, as needed.
3. Update process control narratives to reflect additional signals.
4. Update conduit schedules to incorporate additional wiring required for additional I/O points to each motorized valve.
5. Perform quality assurance (QA)/QC on design changes in accordance with project QA/QC plan.

## 2.0 Fee Summary

The level of effort was estimated using a total sheet count of 23 drawings impacted by the changes. The estimated fee to complete the amendment scope of work is \$18,510. A detailed level of effort and fee estimate is provided in Attachment B.



### **3.0 Schedule**

The schedule for incorporation of these changes will be coordinated with Parsons and the overall project schedule. No schedule extension would be required to incorporate these changes.



## **Attachment B: Level of Effort and Fee**

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INLAND EMPIRE UTILITIES AGENCY  
 RP-5 EXPANSION AND SOLIDS TREATMENT FACILITY

Motorized Valve LOR I/O Change - BC Level of Effort and Fee

Role	Project	Design	Project	QA/QC	Lead I&C	I&C	Lead Elec	Elec	Total	Total	Total	
Task description	Contract bill rate	Manager	Manager	Admin	Lead	Engineer	Designer	Engineer	Designer	Hours	Labor	Cost
		\$242.31	\$212.04	\$102.00	\$211.62	\$204.00	\$150.00	\$204.00	\$150.00			
1 - Update P&IDs (~15 drawings)		1	2	1	2	20	20	0	0	46	\$8,272	\$8,272
2 - Update I/O List		0	1	2	2	6	8	0	0	19	\$3,263	\$3,263
3 - Update Process Control Narratives		0	2	1	2	8	6	0	0	19	\$3,481	\$3,481
4 - Update Conduit Schedules (~8 drawings)		1	1	0	2	0	0	4	12	20	\$3,494	\$3,494
<b>TOTAL</b>		<b>2</b>	<b>6</b>	<b>4</b>	<b>8</b>	<b>34</b>	<b>34</b>	<b>4</b>	<b>12</b>	<b>104</b>	<b>18,510</b>	<b>\$18,510</b>

TASK	DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	TOTAL HOUR	LABOR FEE	SUBCONSULTANT					TOTAL FEE	
																	Brown and Caldwell	Geotech	TOTAL SUB W/ 4.8% MARKUP	ODCs	Major Printing		
																							0.00%
		\$275/hr	\$285/hr	\$250/hr	\$235/hr	\$215/hr	\$205/hr	\$170/hr	\$125/hr	\$112/hr	\$140/hr	\$108/hr	\$170/hr	\$95/hr									
<b>1. Additional SCADA Design/Upgrade Work for RP-5 REEP</b>																							
1	Main UPS Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
1.1	Field Investigation and Review As-Built Documentation	0	0	0	8	0	0	0	0	0	0	4	0	0	12	\$2,312	\$0	\$0	\$46	\$0	\$2,358	\$0	
1.2	UPS Evaluation and Design	0	0	0	48	0	0	0	0	0	0	20	0	0	68	\$15,440	\$0	\$0	\$269	\$0	\$15,709	\$0	
2	Server Rack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.1	Field Investigation and Demolition Details	0	0	0	16	0	0	0	0	0	0	12	0	0	28	\$5,056	\$0	\$0	\$101	\$0	\$5,157	\$0	
3	Control Room Upgrade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.1	Field Investigation and Review As-Built Documentation	0	0	0	8	0	0	0	0	0	0	0	0	0	8	\$1,680	\$0	\$0	\$36	\$0	\$1,716	\$0	
3.2	Control Room General Arrangement Drawings	0	0	0	20	0	0	0	0	0	0	10	0	0	30	\$5,780	\$0	\$0	\$116	\$0	\$5,896	\$0	
4	Control Cabinet PLC-1 Modifications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.1	Field Investigation and Review As-Built Documentation	0	0	0	32	0	0	0	0	0	0	0	0	0	32	\$7,520	\$0	\$0	\$150	\$0	\$7,670	\$0	
4.2	Panel and Network Modification Drawings	0	0	0	48	0	0	0	0	0	0	28	0	0	76	\$14,304	\$0	\$0	\$269	\$0	\$14,573	\$0	
5	Network Cabinet (next to PLC-1) and Network Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5.1	Field Investigation and Review As-Built Documentation	0	0	0	24	0	0	0	0	0	0	0	0	0	24	\$5,640	\$0	\$0	\$113	\$0	\$5,753	\$0	
5.2	Panel and Network Modification Drawings	0	0	0	56	0	0	0	0	0	0	24	0	0	80	\$15,752	\$0	\$0	\$315	\$0	\$16,067	\$0	
6	CEMS and SCADA Interface	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6.1	Field Investigation and Review As-Built Documentation	0	0	0	8	0	0	0	0	0	0	16	0	0	24	\$3,880	\$0	\$0	\$78	\$0	\$3,958	\$0	
6.2	CEMS Modification Requirements	0	0	0	32	0	0	0	0	0	0	16	0	0	48	\$9,248	\$0	\$0	\$185	\$0	\$9,433	\$0	
7	RIO Cabinet RIO-1 Modifications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
7.1	Field Investigation and Review As-Built Documentation	0	0	0	24	0	0	0	0	0	0	0	0	0	24	\$5,640	\$0	\$0	\$113	\$0	\$5,753	\$0	
7.2	Panel and Network Modification Drawings	0	0	0	48	0	0	0	0	0	0	20	0	0	68	\$13,440	\$0	\$0	\$269	\$0	\$13,709	\$0	
8	Moxa I/O Cabinet (No Scope of Work for Parsons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
9	RIO Cabinet RIO-2 Modifications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
9.1	Field Investigation and Review As-Built Documentation	0	0	0	32	0	0	0	0	0	0	0	0	0	32	\$7,520	\$0	\$0	\$150	\$0	\$7,670	\$0	
9.2	Panel and Network Modification Drawings	0	0	0	56	0	0	0	0	0	0	24	0	0	80	\$15,752	\$0	\$0	\$315	\$0	\$16,067	\$0	
10	RIO Cabinet RIO-3 Modifications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
10.1	Field Investigation and Review As-Built Documentation	0	0	0	24	0	0	0	0	0	0	0	0	0	24	\$5,640	\$0	\$0	\$113	\$0	\$5,753	\$0	
10.2	Panel and Network Modification Drawings	0	0	0	48	0	0	0	0	0	0	20	0	0	68	\$13,440	\$0	\$0	\$269	\$0	\$13,709	\$0	
11	Cold Fog System (No Scope of Work for Parsons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
12	Generator Controls in MCC (No Scope of Work for Parsons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Incorporate REEP into IEUA Overall SCADA	0	0	0	40	0	0	0	0	0	0	0	0	0	40	\$9,400	\$0	\$0	\$189	\$0	\$9,589	\$0	
14	Update REEP P&IDs	0	0	0	80	0	0	0	0	0	0	160	0	0	240	\$38,080	\$0	\$0	\$722	\$0	\$38,802	\$0	
15	REEP PCNs based on IEUA Standards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15.1	Develop REEP Facility PCNs	0	0	0	276	0	0	0	0	0	0	0	0	0	276	\$64,860	\$0	\$0	\$1,297	\$0	\$66,157	\$0	
15.2	REEP PCN Workshops (7 workshops, 4 hours each)	0	0	0	28	0	0	0	0	0	0	0	0	0	28	\$5,560	\$0	\$0	\$122	\$0	\$5,712	\$0	
16	Technical Specifications Modifications	0	0	0	32	0	0	0	0	0	0	0	0	0	32	\$7,520	\$0	\$0	\$150	\$0	\$7,670	\$0	
17	Project Management	0	20	0	0	0	0	0	0	0	0	0	0	16	8	\$8,780	\$0	\$0	\$176	\$0	\$8,956	\$0	
18	QA/QC	0	0	0	0	0	50	0	0	0	0	0	0	0	50	\$10,250	\$0	\$0	\$205	\$0	\$10,455	\$0	
19	Cost Estimate Support	0	0	0	0	0	0	10	0	0	0	0	0	0	10	\$2,050	\$0	\$0	\$41	\$0	\$2,091	\$0	
	Subtotal Task 1	0	20	0	888	0	60	0	18	0	0	338	16	8	1,446	\$291,784	\$0	\$0	\$5,835	\$0	\$297,599	\$0	
<b>Total Task 1</b>			20	0	888	0	60	0	18	0	0	338	16	8	1,446	\$291,784	\$0	\$0	\$5,835	\$0	\$297,599	\$0	
<b>Additional Task</b>																							
															0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
															0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>Grand Total</b>			20	0	888	0	60	0	18	0	0	338	16	8	1,446	\$291,784	\$0	\$0	\$5,835	\$0	\$297,599	\$0	

- A = Principal-in-Charge
- B = Project Manager
- C = Technical Advisor
- D = Principal Engineer
- E = Project Engineer
- F = Supervising Engineer
- G = Senior Engineer
- H = Staff Engineer
- I = Associate Engineer
- J = Senior Designer
- K = Designer
- L = Cost Estimator/Scheduler/Project Controls
- M = Administrative Support Staff/Word Processor

CONSENT  
CALENDAR  
ITEM

**3D**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager ASD

**Committee:** Engineering, Operations & Water Resources

08/14/19

Finance & Administration

08/14/19

**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM

**Subject:** Project Management and Engineering Support Services Contract Aggregation

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**Executive Summary:**

In February 2016, the Board of Directors approved four master service contracts with Carollo Engineers, Inc., GK & Associates, MWH Constructors, and Wallace & Associates Consulting, Inc., for on-call “as needed” project management, engineering, administration, and construction inspection support services for a total aggregate amount of \$6,000,000.

The needs of the Ten-Year Capital Improvement Plan (TYCIP) have remained consistent since this action. To meet the demands of the TYCIP, IEUA plans to continue utilizing project management support for all phases of a project's life cycle. This program has been very effective, and as a result, staff will be preparing a Request for Proposal (RFP) to solicit consulting firms for continued support. Staff will be posting the RFP with a planned board award date of December 2019.

To maintain continuity during the RFP process process, staff recommends an aggregate contract amendment in the amount of \$600,000 for the additional three months of support services during the RFP process, increasing the aggregate from \$6,000,000 to \$6,600,000.

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**Staff's Recommendation:**

1. Approve consultant services contract amendments for the following contracts for an aggregate amount of \$600,000; and

- 4600002051 Wallace & Associates Consulting, Inc.
- 4600002052 Carollo Engineers, Inc.
- 4600002152 MWH Constructors
- 4600002054 GK & Associates

2. Authorize the General Manager to execute the contract amendment, subject to non-substantive changes.

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

*Account/Project Name:*

Multiple capital projects and department O&M budget under various program funds.

*Fiscal Impact (explain if not budgeted):*

As of June 2019, current expenditures on each contract are as follows:

Wallace & Associates Consulting, Inc. - \$1,007,990; Carollo Engineers, Inc. - \$1,295,093; MWH Constructors - \$594,259; GK & Associates - \$2,502,092; Total expenditures to date are \$5,400,000.

Full account coding (internal AP purposes only):

- - -  
- - -

Project No.: Various

**Prior Board Action:**

On May 16, 2018, the Board of Directors approved the Project Management, Engineering, and Staff Augmentation Support Services Contract Aggregation.

On February 17, 2016, the Board of Directors awarded three-year contracts to Carollo Engineers, Inc., GK & Associates, MWH Constructors, and Wallace & Associates Consulting, Inc., for a not-to-exceed total amount of \$1,500,000 for each contract for a total of \$6,000,000.

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**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. When the project will be implemented will be subject to future environmental evaluation.

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**Business Goal:**

The project management, engineering, and construction inspection staff augmentation master contract is part of IEUA's Wastewater Management Business Goal that IEUA is committed to meeting regional demands in an environmentally responsible and cost effective manner.

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**Attachments:**

Attachment 1 - 4600002054 GK & Associates Contract Amendment

Attachment 2 - 4600002152 MWH Constructors Contract Amendment

Attachment 3 - 4600002052 Carollo Engineers, Inc., Contract Amendment

Attachment 4 - 4600002051 Wallace & Associates Consulting, Inc., Contract Amendment

# **Attachment 1**





**MASTER SERVICES CONTRACT  
AMENDMENT NUMBER: 4600002054-003  
FOR**

**CONSTRUCTION PROJECT MANAGEMENT SERVICES**

THIS CONTRACT AMENDMENT THREE is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, by and between the Inland Empire Utilities Agency (hereinafter interchangeably "IEUA" and "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, and EC & AM Associates, Inc., dba GK and Associates with offices in Diamond Bar, California (hereinafter referred to as "Consultant"), for provision of project management, engineering and construction staff augmentation support services, and shall revise the Contract as herein amended:

**SECTION F., PAYMENT, COMPENSATION, and INVOICING, IS REVISED TO REPLACE THE SECOND PARAGRAPH AS FOLLOWS:** In compensation for the additional requisite work represented by this Contract Amendment, Agency shall pay Consultant a **NOT-TO-EXCEED maximum aggregate total of \$6,600,000.00** for all services provided. This represents a net increase of **\$600,000.00** to the aggregate total of four (4) similar Contracts of which this is one.

ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.

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

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

**EC & AM ASSOCIATES, INC., DBA  
GK AND ASSOCIATES:**

\_\_\_\_\_  
Shivaji Deshmukh  
General Manager

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Ghazala Khan  
President

\_\_\_\_\_  
(Date)

# **Attachment 2**



**MASTER SERVICES CONTRACT  
AMENDMENT NUMBER 4600002152-002  
FOR**

**CONSTRUCTION PROJECT MANAGEMENT SERVICES**

THIS CONTRACT AMENDMENT TWO is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, 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 MWH Constructors, Inc., with offices in Pasadena, California and Broomfield, Colorado (hereinafter referred to as "Consultant"), for provision of project management, engineering and construction staff augmentation support services previously exercised on Master Services Contract 4600002053 and hereby assigned to Contract 4600002152 via Contract Amendment 4600002053-001, shall revise the Contract as herein amended:

**SECTION F., PAYMENT, COMPENSATION, and INVOICING, IS REVISED TO ADD THE FOLLOWING PARAGRAPH:** In compensation for the additional requisite work represented by this Contract Amendment, Agency shall pay Consultant a **NOT-TO-EXCEED maximum aggregate total of \$6,600,000.00** for all services provided. This represents a net increase of **\$600,000.00** to the aggregate total of four (4) similar Contracts of which this is one.

**ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.**

AS WITNESS HEREOF, the parties hereto have caused the above Amendment item to be entered. as of the day and year written above.

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

**MWH CONSTRUCTORS, INC:**

\_\_\_\_\_  
Shivaji Deshmukh  
General Manager

(Date)

\_\_\_\_\_  
Randy Lovan  
Principal-In-Charge  
Construction Management Services  
Area Manager – Inland Empire

(Date)

# **Attachment 3**



**MASTER SERVICES CONTRACT  
AMENDMENT NUMBER 4600002052-002  
FOR  
CONSTRUCTION PROJECT MANAGEMENT SERVICES**

THIS CONTRACT AMENDMENT TWO is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter referred to as "Agency"), and Carollo Engineers, Inc., with offices in Walnut Creek, California (hereinafter referred to as "Consultant"), for provision of project management, engineering and construction staff augmentation support services, and shall revise the Contract as herein amended:

**SECTION F., PAYMENT, COMPENSATION, and INVOICING, IS REVISED TO ADD THE FOLLOWING PARAGRAPH:** In compensation for the additional requisite work represented by this Contract Amendment, Agency shall pay Consultant a **NOT-TO-EXCEED maximum aggregate total of \$6,600,000.00** for all services provided. This represents a net increase of **\$600,000.00** to the aggregate total of four (4) similar Contracts of which this is one.

**ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.**

[ Signature Page Immediately Follows ]

AS WITNESS HEREOF, the parties hereto have caused the above Amendment item to be entered. as of the day and year written above.

**INLAND EMPIRE UTILITIES AGENCY:**

**CAROLLO ENGINEERS, INC.:**

\_\_\_\_\_  
Shivaji Deshmukh  
General Manager

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Dr. Graham Juby, P.E.  
Vice President/Principal-In-Charge

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Eric M. Mills, P.E.  
Senior Vice President

\_\_\_\_\_  
(Date)

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# **Attachment 4**



**MASTER SERVICES CONTRACT AMENDMENT NUMBER 4600002051-004  
FOR  
CONSTRUCTION PROJECT MANAGEMENT SERVICES**

THIS CONTRACT AMENDMENT FOUR is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, 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 "Agency" and "IEUA") and Wallace & Associates Consulting, Inc., with offices in Corona, California and Park City, Utah (hereinafter referred to as "Consultant"), for provision of project management, engineering and construction staff augmentation support services, and shall revise the contract as amended:

**SECTION F. PAYMENT, COMPENSATION, and INVOICING, ADDS THE FOLLOWING PARAGRAPH:** In compensation for the additional requisite work represented by this Contract Amendment, Agency shall pay Consultant a **NOT-TO-EXCEED maximum aggregate total of \$6,600,000.00** for all services provided. This represents a net increase of **\$600,000.00** to the aggregate total of four (4) similar Contracts of which this is one. Current rate sheet is attached.

**ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.**

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

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

**WALLACE & ASSOCIATES  
CONSULTING, INC:**

\_\_\_\_\_  
Shivaji Deshmukh (Date)  
General Manager

\_\_\_\_\_  
Heidi Nesper (Date)  
Office Manager

\_\_\_\_\_  
Bryan Tuschhoff (Date)  
Operations Manager



**Wallace & Associates Consulting, Inc.**  
**HOURLY FEE SCHEDULE**  
**July 1, 2019 through June 30, 2020**

Inland Empire Utility Agency

**Fully Burdened Billing Rates**

Position	Rate / Range
Project Principal/Project Manager	\$ 180.00 to \$ 200.00
<i>Carl Wallace, PE</i>	\$ 180.00
Project Managers / Construction Managers	\$ 148.00 to \$ 175.00
<i>Project Manager</i>	\$ 170.00
<i>Deputy Project Manager</i>	\$ 158.00
<i>Construction Manager</i>	\$ 165.00
<i>Deputy Construction Manager</i>	\$ 148.00
Project Engineer	\$ 106.00 to \$ 180.00
<i>Chief Engineer</i>	\$ 180.00
<i>Cost / Sched Engineer</i>	\$ 168.00
<i>Project Engineer</i>	\$ 132.00
<i>Office Engineer</i>	\$ 125.00
Senior Construction Inspector	Prevailing Wage & Off-Site
<i>CM/ Inspector Jin Chong</i>	\$ 140.00
<i>Supervising Inspector</i>	\$ 136.00
<i>Senior Inspector Rick Barajas</i>	\$ 128.00
<i>Senior Inspector</i> Late and night shift	\$ 142.00
<i>Senior Inspector</i> Overtime	\$ 176.00
<i>Senior Inspector</i> Doubletime	\$ 210.00
Labor Compliance Auditor Specialist	\$ 80.00 to \$ 110.00
<i>Labor Compliance Manager</i>	\$ 150.00
<i>Senior Labor Compliance Specialist</i>	\$ 100.00
<i>Labor Compliance Interviewer/Auditor</i>	\$ 84.00
Office Staff	\$ 80.00 to \$ 90.00
<i>Contract Administrator</i>	\$ 84.00
<i>Senior Project Administrator</i>	\$ 80.00
<i>Project Administrator Margie Saldibar</i>	\$ 52.00

**NOTES:**

**Rates are inclusive** - Rates include related costs: professional liability insurance, overhead, vehicle, vehicle insurance, fuel, vehicle maintenance, laptop computer, heat gun, probe, smart level, cell phone and calling plan, digital camera and standard tools and equipment. All other direct expenses (Plan Reproduction, Large Printing jobs and Delivery/ Mail) will be billed at cost plus 12%. W&A does not charge job mileage, drive time or mileage to work.

**Premium Time for Inspectors** - Swing or Night Shift will be charged at Shift Differential Rate. Overtime for inspection staff will be used for any Overtime and Saturdays and Double Time for holidays and Sundays. We have a four hour minimum for Inspection.

**Construction Inspection Prevailing Wage** - For Prevailing Wage (CIP and Off-Site Inspections) Supervising and Senior Construction Inspector Positions we increase rates at the time of new labor determinations for that labor class. These rate increases can occur (without advance notice) in January, April, July and October each year. We would include the DIR increase in our rates plus 100% of the total increase. Using this formula, if the DIR designates a \$1.00/hour increase, W&A would apply a \$2.00/hour increase to the established base rate. In this example, our current rate of \$126.00/hour for the Senior Inspector would increase to \$128.00/hour and the Supervising Inspector rate would increase to \$138.


Subconsultant rates will be marked up by 10%.

CONSENT  
CALENDAR  
ITEM

**3E**

**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager 

**Committee:** Engineering, Operations & Water Resources

08/14/19

**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM

**Subject:** RP-1 Digester No. 6 Repairs Project Construction Change Order

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**Executive Summary:**

On November 21, 2018, the Board of Directors approved a construction contract to W.A. Rasic Construction Inc., to rehabilitate digester six, at Regional Water Recycling Plant No. 1 (RP-1), including re-coating and sealing the internal wall, ceiling, and roof. The work requires that the existing internal coating for the digester wall and ceiling be completely removed before the new coating system is applied to establish the desired bond with the concrete surface. The project design specified brush off blast cleaning for the removal of the existing internal coating.

During the course of removing of the internal coating, the contractor notified IEUA staff that the specified surface preparation method was not sufficient to achieve the desired surface profile and cleanliness. After thorough review, sand blasting cleaning method was recommended. This change order is the cost for equipment, labor, and materials associated with performing the required sand blasting cleaning method.

Staff request approval of this construction change order with W.A Rasic in the amount of \$160,000 (8.9% of contract value), increasing the contract from \$1,788,000 to \$1,948,000.

---

**Staff's Recommendation:**

1. Approve a construction change order for the RP-1 Digester 6 Repairs, Project No. EN17042, to W.A. Rasic Construction, Inc., for the not-to-exceed amount of \$160,000; and
2. Authorize the General Manager to execute the change order, subject to non-substantive changes.

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

*Account/Project Name:*

EN17042/RP-1 Digester No. 6 Repairs

*Fiscal Impact (explain if not budgeted):*

None.

**Prior Board Action:**

On November 21, 2018, the Board of Directors approved a construction contract to W.A. Rasic Construction Inc., in the amount of \$1,788,000 and approved a contract amendment for GHD Inc. for the not-to-exceed amount of \$69,627.

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**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.

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**Business Goal:**

The Digester 6 and 7 Roof Repairs Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Asset Management and Water Quality objectives that IEUA will ensure that systems are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use to protect public health, the environment, and meet anticipated regulatory requirements.

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**Attachments:**

Attachment 1 - PowerPoint

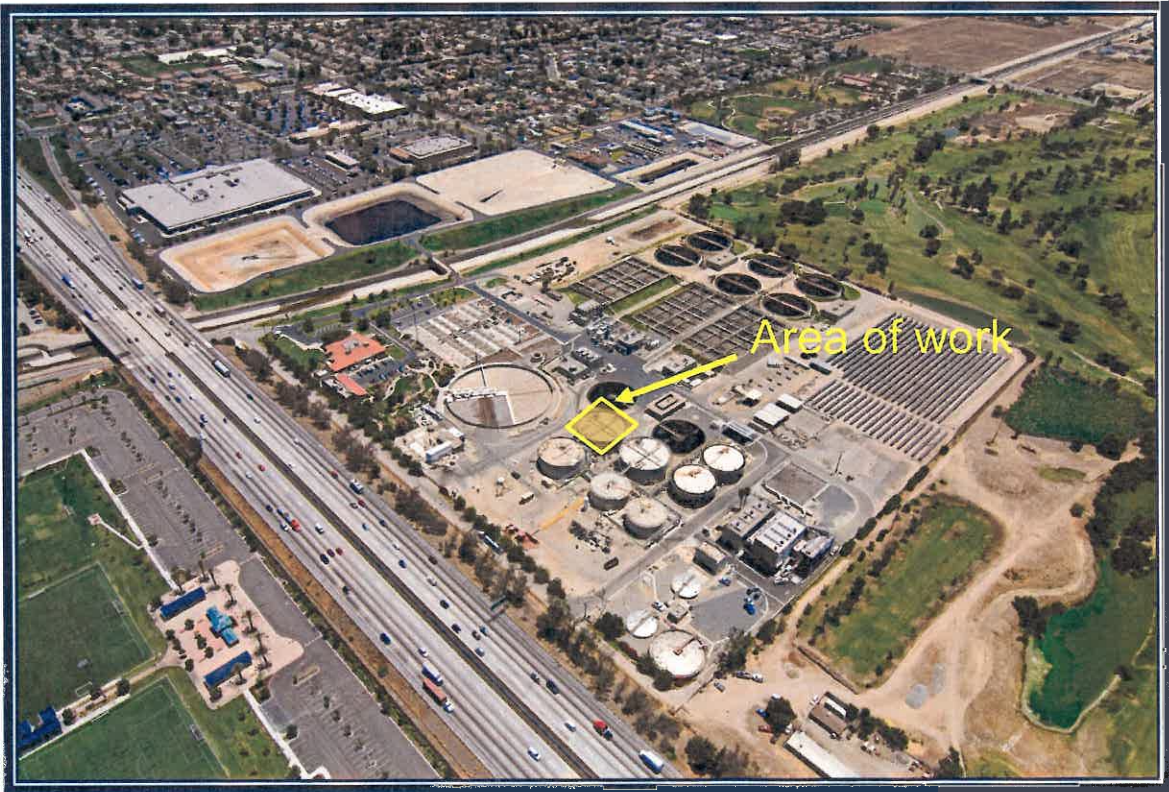
# **Attachment 1**

# RP-1 Digester No. 6 Repairs Construction Change Order

Project No. EN17042



# Regional Water Recycling Plant No. 1 Project Location



# The Project

- Background
  - Digester was constructed in 1988
  - Multiple internal/external roof cracks
  - Failure of internal protective coating
  - W.A. Rasic awarded construction contract in November 2018
  - Construction contract value: \$1,788,000
- Contractor's Scope
  - Repair, recoat, and seal interior wall, ceiling, and roof
  - Replace sludge and gas piping, valves, and supports
  - Revamp all hatches and manways
  - Pressure test digester and piping



Digester No. 6 Partial Roof Cracks



Failed Internal Roof Coating



# The Change Order

- Digester interior surface preparation – removal of existing coating prior to applying new coating system
- Specs calls for brushoff blast cleaning, which was not sufficient to remove heavily bonded coating areas
- Contractor notified IEUA of coating removal issue
- Sand blasting method is required to establish desired concrete profile surface
- Sand blasting involves additional labor, equipment and time



Sample Sand Blasting Equipment



Sample Roof Sand Blasted Area

# Project Budget and Schedule

Description	Estimated Cost	Project Milestone	Date
<b>Design Services</b>	<b>\$394,767</b>	<b>Digester 6</b>	
Design Consultant (GHD)	\$186,767	Construction Completion	October 2019
IEUA Design Services – Digester 6	\$208,000		
<b>Construction Services</b>	<b>\$387,667</b>		
Design Consultant Construction Services (GHD)	\$137,667		
IEUA Construction Services	\$250,000		
<b>Construction</b>	<b>\$3,213,000</b>		
Digester 6 Cleaning/Services (Synagro/IEUA)	\$1,265,000		
Construction Bid – Digester 6	\$1,788,000		
Change Order (this action)	\$160,000		
<b>Total Project Cost</b>	<b>\$3,995,434</b>		
<b>Total Project Budget</b>	<b>\$4,868,387</b>		

# Recommendation

- Approve a construction change order for the RP-1 Digester 6 Repairs, Project No. EN17042, to W.A. Rasic Construction, Inc., for the not-to-exceed amount of \$160,000; and
- Authorize the General Manager to execute the change order, subject to non-substantive changes.

The RP-1 Digester 6 Repairs Project is consistent with the ***IEUA's Business Goal of Wastewater Management***, specifically the Asset Management and Water Quality objectives that IEUA will ensure that systems are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use to protect public health, the environment, and meet anticipated regulatory requirements.

CONSENT  
CALENDAR  
ITEM

**3F**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager *SSM*

**Committee:** Engineering, Operations & Water Resources

08/14/19

**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM

**Subject:** RP-1 Digester Gas Repairs Emergency Project

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**Executive Summary:**

At Regional Water Recycling Plant No. 1 (RP-1), a section of the underground digester gas line required repairs. Operations requested Engineering's assistance to resolve. Staff collaborated to prepare a bypass plan and perform the repairs. Three bids were solicited under a Level 3 Emergency call-out. The repairs involved the installation of new pipe and isolation valves.

On April 8, 2019, two bids were received with W.A. Rasic being the lowest responsive, responsible bidder at \$26,100. During the emergency repairs, the level of effort to purge/isolate the underground gas loop was significantly higher than anticipated. The work is complete, and the system is now in safe and secure, full operation. After multiple discussions with the contractor, staff was able to negotiate the final amount to be \$111,600.

Staff is requesting a ratification of a not-to-exceed task order for \$111,600.

---

**Staff's Recommendation:**

1. Ratify the emergency project approval for the RP-1 Digester Gas Repairs in the amount of \$111,600; and
2. Authorize the General Manager to approve the emergency task order, subject to non-substantive changes.

---

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

*Account/Project Name:*

EN19019/RP-1 Digester Gas Repairs

*Fiscal Impact (explain if not budgeted):*

None.

**Prior Board Action:**

None.

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**Environmental Determination:**

Statutory Exemption

The emergency project is statutorily exempt based on Section 15269(b) of the State CEQA Guidelines.

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**Business Goal:**

The RP-1 Digester Gas Repairs Project is consistent with IEUA's Business Goal of Work Environment and Wastewater Management, specifically the staff safety and asset management where IEUA will promote and ensure a safe and healthy work environment, exceeding industry best practices and will ensure the regional sewer system and treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

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**Attachments:**

Attachment 1 - Task Order ([Click to Download](#))

**CONSENT  
CALENDAR  
ITEM**

**3G**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager SD

**Committee:** Engineering, Operations & Water Resources

08/14/19

**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM

**Subject:** Pavement Management Master Services Task Order

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**Executive Summary:**

IEUA has approximately 30 acres of pavement at various facilities which require maintenance. To properly rehabilitate the existing pavement, Engineering is developing a multi-year Pavement Asset Management Program. To prioritize work and develop the most cost-effective repair alternatives, Bucknam Infrastructure Group will need to perform an evaluation of the current facilities and develop a replacement program.

This task order for \$101,394, will perform the initial assessment for FY 2019/20, identifying the first two years of recommended improvements and setting the framework for the planning going forward.

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**Staff's Recommendation:**

1. Award Task Order No. 001 to Bucknam Infrastructure Group for a not-to-exceed amount of \$101,394; and
2. Authorize the General Manager to execute the Task Order, subject to non-substantive changes.

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

**Account/Project Name:**

EN20038/Agency Wide Pavement Management Study

**Fiscal Impact** (explain if not budgeted):

None.



**Prior Board Action:**

On June 19, 2019, the Board of Directors awarded a five-year master service contract, with the option for up to two, one-year time extensions, to the Bucknam Infrastructure Group, for a not-to-exceed amount of \$500,000.

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**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. When the project will be implemented will be subject to future environmental evaluation.

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**Business Goal:**

The Pavement Management Master Service Contract is consistent with IEUA's Business Goal of Wastewater Management, specifically the Water Quality Objective that IEUA will ensure that Agency systems are planned, constructed and managed to protect public health, the environment, and meet anticipated regulatory requirements.

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**Attachments:**

Attachment 1 - Task Order

# **Attachment 1**



Date: August 01, 2019

Task Order Number: 4600002738-001  
EN20038

Contractor: Bucknam Infrastructure Group, Inc.

Contract Number: 4600002738

Project / Task Description: Master Facilities Plan

## I. RECITALS

Agency and Contractor previously entered into Master Contract No. 4600002738. Except as otherwise specified herein, the terms and conditions of that Agreement are incorporated into this Task Order via this reference.

## II. TASK ORDER AGREEMENTS

1. Scope of Work: Contractor shall furnish the qualified personnel, equipment, materials, and supplies necessary to perform the work described in Harris proposal dated April 26, 2019.
2. Period of Performance: Date of Notice to Proceed until June 30, 2020.
3. Compensation: Authorized total payments to Contractor for performance of this Firm Fixed Price Task Order shall be a **not-to-exceed maximum of \$101,394.00** referenced herein and made part hereof as **Exhibit A**. (NOTE: Labor rates are based on submitted prevailing wage rates included in the Master contract. Invoices shall include a copy of the certified payroll in accordance with the requirements of SB 854.)
4. 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: Matthew A. Poeske  
Address: 6075 Kimball Ave, Bldg. B  
Chino, California 91708

Telephone: (909) 993-1723  
Facsimile: (909) 993-1982  
Email: [mposeske@ieua.org](mailto:mposeske@ieua.org)

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

Contractor: Peter Bucknam  
Address: 3548 Seagate Way, Suite 230  
Oceanside, Ca 92056  
  
Telephone: (760) 216-6529  
Facsimile:  
Email: [steve@bucknam.net](mailto:steve@bucknam.net)

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:  
(A Municipal Water District)

BUCKNAM INFRASTRUCTURE GROUP, LLC.:

\_\_\_\_\_  
Shivaji Deshmukh  
General Manager

\_\_\_\_\_  
Peter Bucknam  
President

Date: \_\_\_\_\_

Date: \_\_\_\_\_

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# **EXHIBIT A**

# Scope of Work

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We have defined detailed phases to the scope of work in accordance to the Agency's RFQ;

1. Project Implementation
2. Client Satisfaction
3. Scope of Work (Major Tasks / First Year Creation of Master Facilities Plan)
4. Project Schedule (See Section 5)

## **1) Project Implementation (Master Facilities Plan)**

### **TASK 1.1: Project Kickoff**

The first step in implementing a successful pavement management program truly resides in frequent communication and timely scheduled data updates. For the IEUA it will be essential to establish, up front, the Program Management, Engineering and GIS/IT pavement management priorities. Our team will set a Project Kickoff meeting with the Project Manager (Mr. Matthew Poeske) and the Deputy Manager of Engineering (Mr. Jerry Burke) to further discuss and review in detail the expectations of the project, technical approach, section ID / GIS management & surveys, zone/quadrant maintenance, software implementation & use, deliverables within the scope of work and the review of schedule.

This effort will build consensus between the all parties as well as build stronger preventative maintenance and CIP programs that establish a common-sense five-year schedule for program management, planning and scheduling.

The first key topics to be discussed will include the review and assessment of the existing pavement plan/data; its current and future use, survey areas based on recent maintenance work and schedules, new construction, data quality and condition, current pavement procedures, soil documentation, historical expenditure levels, software implementation and desired service levels.

**Deliverable: Meeting minutes, revised project schedule (if necessary)**

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### **TASK 1.2: Project Status Meetings - Quality Control Program**

#### **Status Meetings and Progress Reports**

- Minimum of three meetings during the project (kickoff, field, and status meetings, presentations)
- Meetings will incorporate task driven agendas for discussion and meeting minute actions
- Field review meetings, Monthly progress status reports will be delivered to IEUA project manager showing (copies of written communication, invoices, budget tracking and % complete per task)

# Scope of Work



- Bucknam will make provisions for addressing project issues that may impede scope, fee and/or schedule and will resolve any issues that arise as soon as possible

### PMP/Hardscape Quality Control (QC)

We will use a statistical sampling approach for measuring the quality of our field technician’s work. In this manner, 10 percent (3 acres out of 30.5 acres) of the original surveys will be re-surveyed by an independent survey crew, supervised by a field supervisor, and the results will be compared to the original surveys.

Our QC process involves checking the field crews’ work in a “blind study” fashion. Quality control checks will be performed at the end of each survey week. This will ensure that all field personnel are properly collecting distresses and pavement/hardscape quantities for all AC/PCC pavement segments.

PCI variance reporting will be performed where previous inspection PCI data will be compared to QC survey data; if PCI’s vary more than ten (10) points Bucknam staff will assess the potential cause through unrecorded work history, accelerated pavement deterioration and/or further field assessment, etc.

Since we are collecting distress information on our field Tablets with the IEUA PMP database live, our staff will perform several quality control tests within the pavement management software using a sample set of the IEUA street distress data. This will ensure that all system and analysis settings as well as Agency recommendations and standards are being followed.

Over the past year, Bucknam has submitted forty (40) compliant PMP reports for SoCal municipalities, they include:

Southern California PMP Clients		
Ontario	Alhambra	El Segundo
Pomona	Culver City	Lomita
RPV	Palmdale	South Gate
South Pasadena	La Habra Heights	Sierra Madre
Monterey Park	Hermosa Beach	South Pasadena
Compton	Lynwood	Norwalk
La Verne	Rosemead	Bellflower
Rancho Palos Verdes	Duarte	San Clemente
Brea	Irvine	RSM
Costa Mesa	Aliso Viejo	Tustin
Laguna Hills	Laguna Beach	Westminster
Fountain Valley	San Juan Capistrano	La Habra
Huntington Beach	Newport Beach	Fullerton
La Palma		

## Scope of Work

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Our field surveys follow the accepted ASTM D6433-16 walking requirements which are proven and continue to be utilized for our SoCal clients shown above. A copy of the QA/QC plan utilized by our staff during the project will be submitted along with the PMP certification documents.

Per the RFQ, IEUA requires “certified” PMP inspection staff, our staff attends the OCTA PMP Distress Training Classes held in each year, 2011 thru 2019. In March 2019 our staff was acknowledged as “qualified ASTM D6433-16 inspectors and firm” to prepare Pavement Management Plans compliant with the OCTA Countywide Pavement Management Guidelines (this certification/compliance runs through June 2021).

### **Registered Engineer / Lead Engineer**

Mr. Steve Bucknam, P.E. will supervise all operations, review all completed data and prepare and sign a final report incorporating the results of our pavement evaluation and conditions. We will provide engineered recommendations for pavement rehabilitation and replacement based upon field data and analysis.

**Deliverable: Monthly Project Status reports, field review and project status meetings, QA/QC Plan**

## **2) Client Satisfaction**

### **TASK 2.1: Project Deliverables**

Shown throughout our Scope of Work, each Task is summarized with project deliverables. Client satisfaction will derive from frequent communication with the IEUA Project Manager and key staff members from the Engineering, Maintenance and GIS/IT departments. Project success is created by delivering on three main factors;

- 1) Adherence to scope tasks and deliverables;
- 2) Performing to the standard set by the Project Schedule; and
- 3) Controlling costs.

Our Project Manager will follow each of these factors throughout the duration of the project.

**Deliverable: Project Status Updates monthly, as stated in Task 1.2**

## **3) Project Schedule**

### **TASK 3.1: Work Flow / Project Schedule**

Our project schedule shows each major task identified in our scope of work, as well as quality control milestones and meetings. Bucknam currently has ample staff to apply to this project in order to meet a proactive schedule (3 field technicians will drive the schedule). Bucknam will



# Scope of Work



coordinate with the Agency’s CIPO to ensure data, documentation, submittals and scheduling is communicated properly and efficiently. With a completed survey, our team will work with you to establish a Master Facilities Plan that provides specific, manageable pavement segments, detailed maintenance schedules of needed repairs and cost conscious maintenance recommendations that will assist you in preparing budget estimates required to complete your scheduled work for fiscal year 2019-20 and beyond.

Per the request of the RFQ, we have included the Critical Path Method (CPM) Project Schedule within Section 5 of our proposal.

## 4) Scope of Work (Major Tasks)

### TASK 4.1: Establishment of IEUA PMP Network/ Work History Update

#### Pavement Segmentation

Bucknam will establish an IEUA Pavement Management database by utilizing the Army Corps of Engineers MicroPAVER software. Bucknam’s will create all pavement /hardscape segmentation for the Agency’s PMP network. Our staff will define all pavement segments utilizing ASTM D6433 standards and will ensure that all IEUA maintain AC/PCC segments are within the database. The Agency will provide Bucknam with the previous PMP/GIS facility databases and maps initially created for this RFQ. This will be completed by establishing common-sense AC/PCC pavement segmentation for the following facilities below.

Segmentation will be based on creating logical from-to segments that match current IEUA asphalt application practices and management. Bucknam will provide Agency staff with an initial pavement segmentation / sample location map prior to survey and for your approval. The established segmentation will be the baseline document for eventual delivery of the Master Facility PMP / GIS Atlas.

Location	Approximate Year Installed	Total Area (Acres)	Approximate Pavement and Hardscape Area (Acres)	Address
RP-1	1978-1977	78	12.2	2882 E. Walnut, Ontario, CA
RP-4	2000	28	5.3	32811 6th Street, Rensho Casamanga, CA
CCWRF	1990	20	2.6	14956 Telephone Avenue, China, CA
RP-5	2005	92	5.9	8878 Kimbell Avenue, Bldg. A & B, China, CA
Main Headquarters	2009	12	3.4	8878 Kimbell Avenue, Bldg. A & B, China, CA
Philadelphia P.S.	1968	3.45	0.34	1818 E. Philadelphia Ave., Ontario, CA
Mondak P.S.	2005	0.32	0.06	301 W. Philadelphia Ave., Ontario, CA 91761
San Bernardino P.S.	2007	0.43	0.2	13707 San Bernardino Ave., Fontana, CA
Predo P.S.	1997	1.5	0.91	15824 Johnson Avenue, China, CA 91798
<b>Total</b>		<b>209.5</b>	<b>30.63</b>	
<b>Average Hardscape (%)</b>			<b>14%</b>	

It will be essential to have all parties in agreement with how the IEUA PMP network will be surveyed and managed.

Our centralized PMP / GIS database will establish the use of either MicroPAVER which can be easily linked to the IEUA geodatabase / GIS Enterprise. This will allow IEUA staff to immediately gain access to essential pavement, sidewalk, C&G, valve and parking stall data.

The selection of MicroPAVER will occur immediately following the project kickoff meeting where Bucknam will demonstrate the pros and cons of each software. Both software’s are established

## Scope of Work

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using ASTM D6433 PMP standards for inspection, distress types, reporting and budget analysis; the primary variance between the two software's is cost and annual maintenance. Our Project Manager (Mr. Peter Bucknam) has utilized both software's for over 20 years and will match the IEUA PMP needs to the correct software.

### Work History

The Agency will provide Bucknam a complete listing of all major work (overlay, slurry, etc.) in order to update specific section work histories and PCI ratings. Bucknam will review all maintenance and rehabilitation projects completed and/or scheduled by the Agency since the last known PMP update; this will include work history updates within all managed facilities. Additionally, original construction dates for AC/PCC sections will be essential to establishing proper life-cycle rates for all pavement sections, Bucknam will assess available construction dates as well. Hardscape safety railing will also be included in this assessment/data base.

Our staff will enter the necessary work history updates as mentioned above (i.e. data entry of maintenance / rehabilitation activities) into your MicroPAVER software. Once the project is completed, our staff will upload the necessary PMP/Hardscape database files at IEUA.

**Deliverable: Update PMP/Hardscape data, Work History report**

### **TASK 4.2: Pavement Condition Surveys**

First and foremost, the assessment of the Agency's pavement segmentation is one of the key priorities for this project. With numerous years between major inspections it will be essential to verify that all IEUA facility segmentation is up-to-date and that section SF quantities are verified, accurate and reliable. As stated within Task 4.1 Bucknam will verify and gain approval of all pavement, sidewalk, C&G, parking lot and vault segmentation management.

Once the pavement segmentation has been assessed and verified, the necessary inspections will be performed. It is the Agency's desire to survey all pavement sections during the 2019-20 fiscal year.

Our survey methodology will include the following approach based on the ASTM D6433-16 guidelines:

#### Pavement Surveys

1. **Walking** - All sections are surveyed through walking methodologies. Distress types will be collected based upon actual surface conditions and physical characteristics of the segment. AC/PCC Sample locations, distress types, extents and severities will be collected based upon actual surface conditions and physical characteristics of the segment. Sample locations will be 2,500 SF +/- 1,000 SF. Surveying methods will be conducted by remaining consistent with ASTM D6433-16 sampling guidelines while being flexible to current Agency practices. Live GIS files will be used to enhance field survey locations, data access and quality control measures.

# Scope of Work



All sample locations are observed through walking surveys; additional unique conditional factors such as unique distress areas found outside our sample areas will be recorded.

- The inspection of approximately 30.53 acres covering nine facilities will be performed;
- This equates to approximately 1,400,000 SF of total survey;
- On an annual basis, recent slurry seal and overlay maintenance will reduce the amount of necessary survey, Bucknam will coordinate SF reduction with the Agency prior to survey;
- IEUA has expressed the need for PMP/Hardscape survey updates in FY 2022-23 and FY 2024-25 (Bucknam has demonstrated these costs within our separate Proposal Fee; and

Location	Approximate Pavement and Hardscape Area (Acres)
RP-1	12.2
RP-4	5.3
CCWRF	2.6
RP-5	5.9
Main Headquarters	3.4
Philladelphia P.S.	0.34
Monclair P.S.	0.08
San Bernardino P.S.	0.2
Prado P.S.	0.51
<b>Total</b>	<b>30.53</b>

Our use of MicroPAVER Tablet units allows our staff to collect pavement data with the Agency's PMP database live in the field. At the end of the day all electronic data is transferred to our office for quality control and management. Our Tablet methodology sets us apart from the competition since we are using a paper-less inventory process to enter data; this in turn generates cost savings to enhance other portions of the project such as CIP reporting, GIS implementation, PMP software training, and on-call services.

**Roadway Verification Survey** - A listing of the field attribute data that is updated/verified during the survey for the pavement management database is listed below:

**1. Field Attribute Data (updated and/or verified)**

- ❖ From/to, indicating the assigned limits of the section, sample test areas, street name, a street codification (i.e. truck route, maintenance zone)
- ❖ Street ranking indicating classification, # of lanes, surface type
- ❖ Street segmentation implemented continuously from west to east and south to north
- ❖ Historical PCI tracking from previous inspections and 2019 PCI inspections
- ❖ Segment quantities, indicating the length, width, and total true area of the section
- ❖ Structural sections (if available from previous reports or Agency documents)

## **2. Conditional data will be evaluated for all street segments and will include:**

- ❖ 20 AC & 19 PCC distresses by type, severity and sample area
- ❖ PCI ratings (0-100), considering the surface condition, level of distress
  - PCI values will reflect “per segment and overall” results (not per direction of travel);
  - Reporting that indicates PCI current and future performance for the next five years based on performance prediction modeling and local conditions;
- ❖ Drainage Condition Rating (standing water, etc.)
- ❖ Traffic volumes (ADT, if available)

In developing the PMP and through our field surveys if our staff modifies or changes any street segment we will notify the Agency Project Manager and gain approval for such changes before any modifications are made.

**We welcome staff members from IEUA to join our surveys.**

All pavement/hardscape/valve/vault/safety-railing data collected under this project will be entered into the Bucknam’s MicroPAVER licensed software and/or GIS project files; no MicroPAVER license will be purchased for IEUA. All items listed above will be maintained by our staff for the duration of this project. Data management will be performed in-house at our Oceanside office. At the completion of the project, the PMP/Hardscape database will be placed within your internal IEUA network.

## **3. Section Distress and PCI Reporting**

Once inspections are completed, we will generate a draft Pavement Condition Index (PCI) Report for Agency staff to review. The Agency and our staff will review these reports to ensure that all inventory data is correct and the project is running smoothly.

Our submittal will include:

1. PCI Variance report comparing initial 2019 PCI’s to future inspections (will be performed annually)
2. Street linear footage, width, and pavement area
  - a. Reported as an entire network
  - b. Reported by functional classification (collector, local)
3. Current street network Pavement Condition Index ratings
  - a. Report as an entire network
  - b. Reported by functional classification (collector, local)
4. Pavement segment tabular listing for the entire street network



- a. PCI Report – sorted by PCI (worst to best)
  - b. PCI Report – sorted alphabetically
5. Creation of pavement performance curves and definitions for maintenance strategies, decision tree models and pavement life-cycle analysis
  6. PCI report will be signed and sealed by our registered engineer

**Deliverable: Agency-wide PCI Reports (30%, 65% and 100% status PCI reports), PCI Variance report**

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### ***TASK 4.3: Development of Sidewalk/Safety-Railing Maintenance Program Database***

The Hardscape inventory (sidewalk, walkways, C&G, parking stalls & Safety-railing) will be surveyed utilizing the following methodology. Bucknam will use the established GIS polygon segmentation to logistically schedule and survey; the hardscape survey methodology below will be followed:

Over the past month, Bucknam has thoroughly assessed the Agency's nine (9) facility network as well as geographically approximated its total sidewalk SF through GIS. Currently the Agency has 30.53 acres of pavement and hardscape; approximately 16% to 20% of the 30.5 acres is hardscape or 280,000 SF. Hardscape is defined as sidewalk/walkways, curb & gutter, Safety-railing and parking stalls.

Our staff will utilize the Agency's available street segmentation data within the IEUA MicroPAVER PMP to establish the sidewalk segmentation, Unique sidewalk ID, survey and schedule. Our staff will utilize additional data such as the Agency's GIS centerline, facility GIS polygon, aerial imagery and other viable data that will assist our field operations.

In building the SMP database, all sidewalk inventory and distress data will be collected through the use of our hand-held GPS Tablet units. Through the use of our enhanced GPS tablets we utilize a data capture screen to record all inventory and inspection data defined by the scope of work.

Another essential item to establish prior to survey is what defines Priority maintenance and repair. The recording of Priorities 1, 2, 3 and 4 will be linked to each distress found in the field. These are shown in detail within Tasks 4.3 & 4.4.; as stated above, we will meet with Agency staff to define the final Priority definitions prior to survey.

**Deliverable: Definition of IEUA Sidewalk Section network**

Based on previous sidewalk management programs performed for various cities, we are providing a list of typical layers and attributes we collect during sidewalk inspections:

#### Sidewalk Data - Distress GIS Layer

- Facility ID Number – Asset number closest to distress, if applicable;
- Polygon representation of sidewalk, walkways;

## Scope of Work



- Polyline representation of C&G;
- Street Name – Street Name;
- Surface Type – i.e. AC, Brick, Paver, PCC;
- Distress Type – i.e. Alligator Cracking, Block Cracking, Buckled Slab, etc.
- Distress GPS coordinates/location;
- Height of Lift (Distress Priority) – i.e. less than ¼", ¼" to 1 ¼", more than 1 ¼"
  - Priority/Severity – To be determined by Agency staff.
- Sensitive Location – Critical Facilities, etc. Locations to be determined by Agency Staff;
- Tree – If distress is caused by a tree;
- Utility Box – If utility box is affected by sidewalk distress;
- Utility Company or Type – Type/Company of the utility;
- Slope Over 5 to 1 – Yes/No for sidewalk locations over a 5:1 slope ratio;
- Length – Length of distress, if applicable;
- Width – Width of distress, if applicable;
- Area (Sq. Ft) – Area of distress, if applicable;
- Recommended Work – i.e. Grind, Replace, Fill, etc.;
- Cracks with ½" separation to be noted;
- Holes with ½" or greater in depth to be noted;
- Brick or concrete walkways and tree well installations that are not level;
- Construction Site – If distress is on a construction site;
- MicroPAVER ID – Unique ID that corresponds with PMP - GIS Layer;
- Damaged Curb and gutter to be noted;
- Damaged ADA Ramp to be noted;
- Any hazards or sidewalk damage that may not meet requirements of repair to be noted for future inspections;
- Field notes, pictures, inspection date and inspector tags associated with distress priority location;
- Comments – Field for any necessary comments about the distress.

Bucknam will work with Agency staff to further develop the sidewalk/walkway/ Safety Railing, C&G and parking stall GIS layers and database attributes. We will finalize each GIS layer's attributes with the Agency staff before beginning the survey process. Bucknam will deliver all GIS layers in the Agency's preferred GIS format (i.e. shapefile, AutoCAD 2018, file geodatabase, etc.) along with MXDs and MPKs.

Through our experience in working with sidewalk GIS datasets and PMP software's we are approaching the development and future management of the IEUA sidewalk inventory in the following manner:

- ❖ Perform all sidewalk data collection through the use of GPS handheld technologies and personal computers.
  - This creates a real-time, accurate GIS database for each distress location
- ❖ Import all sidewalk GIS data into the Agency's existing GIS Enterprise program for data analysis, reporting and management



Sample screenshot of GPS collected data imported into the City of Rancho Palos Verdes GIS

Rancho Palos Verde – Sidewalks Distresses																	
Distress ID	Street Name	Distress Type	Priority	Material	Condition	Location	Length	Width	Area	Volume	Cost	Notes	Material	Notes	Location		
30540	Rue De La Pierre	Buckled Slab	N	7	N	Y	N	0	0	5	N	N	N	REPLACE	SMASHED SLAB	School	
30623	Rue De La Pierre	Buckled Slab	Z	N	7	N	N	8	4	0	N	N	N	R/R		School	
30663	Rue Vadeo	Buckled Slab	Y	4	Public	N	N	12	0	0	Y	N	N	R/R	TREE LIFTING SLABS	None	
33	Sell View Ave	Faulting	.6	Y	Private	N	Y	N	0	4	0	Y	N	N	GRIND		None
10	Sell View Ave	Faulting	.6	Y	Public	N	Y	N	0	4	0	Y	N	N	GRIND		None
8	Sell View Ave	Faulting	.6	Y	Public	N	Y	N	0	4	0	Y	N	N	GRIND		None
8	Sell View Ave	Faulting	.6	Y	Public	N	Y	N	0	4	0	Y	N	N	GRIND		None
2	Sell View Ave	Faulting	.6	Y	Public	N	Y	N	0	4	0	Y	N	N	GRIND		None
51	Sesbree Ave	Faulting	.6	Y	Public	N	N	N	0	4	0	N	N	N	GRIND W/H		None
30215	Via Victoria	Bleeding	.6	N	7	N	N	12	0	0	N	N	N		SLABS LIFTING	None	
26712	Graylake Rd	Alligator Cracking	N	7	N	N	N	0	0	0	N	N	N			None	
5818	Pinacnet Dr	Alligator Cracking	N	7	N	N	N	0	4	0	N	N	N	REPLACE	SEVERE	None	
5315	Bayridge Rd	Alligator Cracking	N	7	N	N	N	0	4	0	N	N	N	REPLACE	SEVERE	None	
5345	Bayridge Rd	Alligator Cracking	N	7	N	N	N	0	5	0	N	N	N	REPLACE	SEVERE	None	
5429	Bayridge Rd	Alligator Cracking	N	7	N	N	N	0	5	0	N	N	N	REPLACE	SEVERE	None	
5513	Bayridge Rd	Alligator Cracking	N	7	N	N	N	0	7	0	N	N	N	REPLACE	SEVERE	None	
30458	Garado Dr	Corner Break	N	7	N	N	N	0	3	0	N	N	N			None	
30219	Garado Dr	Corner Break	N	7	N	N	N	0	0	0	N	N	N			None	
3605	Greys Dr	Corner Break	N	7	N	N	N	0	0	0	N	N	N			None	
30467	Garado Dr	Corner Break	N	7	N	N	N	0	0	0	N	N	N	REPLACE	SEVERE	None	
30585	Garado Dr	Corner Break	N	7	N	N	N	0	0	0	N	N	N			None	
3340	Bendigo Dr	Corner Break	N	7	N	N	N	0	4	0	N	N	N			None	
2084	Mac Arthur St	Buckled Slab	N	7	N	N	N	0	4	0	N	N	N			None	
2050	Mac Arthur St	Buckled Slab	N	7	N	N	N	0	4	0	N	N	N			None	
6859	Pinacnet Ridge Rd	Buckled Slab	N	7	N	N	N	12	4	0	N	N	N	REPLACE	SEVERE	None	
2117	Donde Dr	Buckled Slab	N	7	N	N	N	0	4	0	N	N	N			None	
23619	N Western Av	Buckled Slab	N	7	N	N	N	0	5	0	N	N	N			None	
6020	Flambeau Rd	Buckled Slab	N	7	N	N	N	0	4	0	N	N	N			None	
6036	Flambeau Rd	Buckled Slab	Y	Public	N	N	N	0	4	0	N	N	N			None	

Deliverable: Defined Distress Priority Criteria, Defined Master GIS Project file (.mxd).

### TASK 4.4: Sidewalk / C&G Data Collection

#### Hardscape Surveys

Once the street/pavement segmentation has been assessed and verified, the inspection of approximately 280,000 SF of sidewalk segments will be performed. Our survey methodology will include the following approach:

2. **Walking / GPS Handheld** - All sections will be surveyed utilizing a walking/GPS methodology. Distress locations and types will be collected based upon actual surface

# Scope of Work



conditions found and physical characteristics of the site. Surveying will identify distress locations of sidewalk by GPS coordinates.

## Initial First Year SMP survey contract:

- **FY 2019 – IEUA sidewalk survey (approx. 280,000 SF);**

The Agency has identified specific Priority distress priority limits (repair criteria), which are demonstrated below; any recommended changes to the Priority limits will be discussed prior to survey:

- **Priority 1 – (Fair to Good)**, Locations that have a condition of Fair to Good or where the problem is not a safety hazard
  - Typically trip, separation, spalling, raised/depressed slab distress areas that are less than 3/4" in occurrence
  - Other obvious crushed or deteriorated locations shall be identified
- **Priority 2 – (Very Poor)**, Locations that have a condition of Very Poor or any location which the field technician considers to be an immediate serious safety concern
  - Typically trip, separation, spalling, raised/depressed slab distress areas that are 3/4" to 1 in occurrence
- **Priority 3 – (Poor to Fair)**, Locations that have a condition of Poor to Fair of where the field technician determines that a problem is not an immediate safety concern
  - Typically trip, separation, spalling, raised/depressed slab distress areas that are more than 1 in occurrence
- **Priority 4– for "vicinity of a sensitive location"** (i.e., agency facilities, hazmat locations, critical utilities, etc.) where pedestrian traffic is high and the Agency has a vested interest in lowering tripping hazards.
  - Rating can be given for any level of displacement; this places priority onto the location needing repair due to the pedestrian activity at the site.

**Sidewalk Field Attribute Data Verification** - A listing of the field attribute data that is verified for each distressed site is listed below:

### 1. **Field Attribute Data**

- ❖ Street Name, From/to, indicating the assigned limits of the section, street ID;
- ❖ Facility location;
- ❖ Surface type;
- ❖ Sidewalk length, width and area (identified through aerial imagery, if available), side of street;
- ❖ Distress location (GPS and address/ID identified) – ECR may be used if no address;
- ❖ Distress type (linear crack, spalling, etc.);



# Scope of Work



- ❖ Distress Priority (1, 2, 3 or 4);
  - Cracks with ½" separation to be noted;
  - Holes with ½" or greater in depth to be noted;
  - Construction site notification;
  - Bricks or concrete walkways and tree well installations that are not level;
- ❖ Measurement (linear or area) of distress found;
- ❖ Utility box, utility company;
- ❖ Caused by tree / potential tree removal;
- ❖ Damaged C&G / damaged ADA ramps/Safety Railing to be noted;
- ❖ Field notes, pictures, inspection date and inspector tags associated with distress priority locations;
- ❖ Working GIS map indicating street inspections that have been completed (QC);
- ❖ Recommended repair based on Agency's maintenance criteria; and
- ❖ General comments of distress location (if necessary).

We welcome staff members from the IEUA to join our surveys. Data management will be performed in-house at our Oceanside office.

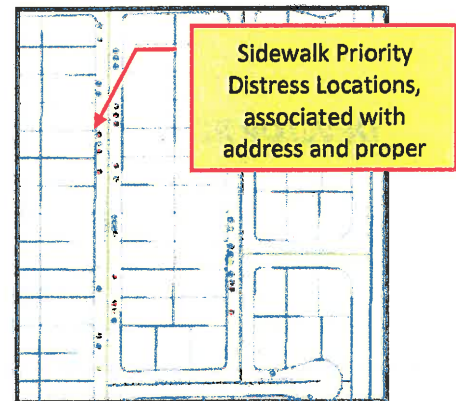
Our use of GPS Handheld/Tablet units allows our staff to collect sidewalk data with the Agency's database live in the field. At the end of the day all electronic data is transferred to our office for quality control and management. We can produce Sidewalk GIS Distress locations at any time during the survey for Agency QC and/or review.

## Section Distress and Condition Reporting

Once inspections are completed, we will generate a draft Sidewalk Distress Reports for Agency staff to review. The Agency and our staff will review these reports to ensure that all inventory data is correct and the project is running smoothly.

Sidewalk, C&G, Safety Railing reports will include:

- Identification of all street segments in a continuous manner (W to E and S to N);
- Sidewalk locations identified within street segments;
- Distress categories will be uniquely mapped;
- GIS map identifying found sidewalk distress locations;
- Field notes, pictures associated with distress locations; and
- A Priority repair map will be produced, see GIS to the right);
- Forecasted Maintenance Report demonstrating recommended work (i.e. grind, ramp, replace).



# Scope of Work



FID	Shape *	NAME	ID	SIZE	TREE	TYPE	ST SIDE	LENGTH FT	AREA SF	RECOMMEND	TRIP FALL	COMMENTS
1323	Point	ESHELMAN AVE	132	Greater than 1 inch	Yes	Displaced Slab	East	4	0	Grind	High	
1324	Point	ESHELMAN AVE	132	Greater than 1 inch	No	Depressed Slab	East	0	220	Replace	High	
1325	Point	ESHELMAN AVE	132	Less than 1 inch	No	Linear Crack	East	4	0	N/A	N/A	
1326	Point	ESHELMAN AVE	132	Greater than 1 inch	Yes	Displaced Slab	East	4	0	Grind	High	
1327	Point	ESHELMAN AVE	132	Less than 1 inch	No	Depressed Slab	East	0	22	Replace	Low	
1328	Point	ESHELMAN AVE	132	Less than 1 inch	Yes	Linear Crack	East	5	0	Grind	Low	
1329	Point	ESHELMAN AVE	132	Less than 1 inch	No	Crushed Slab	East	0	15	Replace	N/A	
1330	Point	ESHELMAN AVE	133	Greater than 1 inch	No	Displaced Slab	East	4	0	Grind	High	
1331	Point	ESHELMAN AVE	133	Greater than 1 inch	No	Joint spalling	East	1	0	N/A	High	
1332	Point	ESHELMAN AVE	133	Greater than 1 inch	No	Displaced Slab	East	4	0	Grind	High	
1333	Point	ESHELMAN AVE	133	Less than 1 inch	No	Joint spalling	East	2	0	N/A	N/A	
1334	Point	ESHELMAN AVE	133	Greater than 1 inch	Yes	Displaced Slab	East	0	25	Replace	High	
1335	Point	ESHELMAN AVE	133	Less than 1 inch	No	Linear Crack	East	8	0	N/A	N/A	
1336	Point	ESHELMAN AVE	133	Less than 1 inch	Yes	Displaced Slab	East	4	0	Grind	Low	
1337	Point	ESHELMAN AVE	133	Greater than 1 inch	Yes	Displaced Slab	East	4	0	Grind	High	replace immediately

Sample screenshots of Sidewalk Inventory report and GIS output

**Deliverable:** Agency Sidewalk Distress Reports (30%, 65% and 100% status reports); GIS Distress Priority maps, Recommended Sidewalk/C&G maintenance.

### Valve / Vault and Vault Lid Surveys

Per the request of the Agency, Bucknam will perform GPS Valve, and Vault Lid surveys to identify all known locations within the IEUA GIS Enterprise. Bucknam will initially assess all available as-builts, aerial imagery and CAD files. Bucknam staff will utilize our GPS mobile units to identify valve/vault coordinates and assign specific attributes to each asset (i.e. condition, type, etc.).

We will provide the Agency Valve/Vault GIS mapping and spreadsheet data that quantifies asset totals for each facility. With known locations combined with the PMP, Sidewalk C&G, Safety Railing maintenance strategies, IEUA staff will be able to enhance the accuracy of replacement / maintenance costs within the 5-Year projections provided by Bucknam (Task 4.5 / 4.6).

## **DEVELOP RECOMMENDED IMPROVEMENT PROGRAM**

### **TASK 4.5: Maintenance and Rehabilitation, History and Decision Tree**

In regard to the pavement maintenance that has been performed by in-house staff as well as through contractual maintenance, our staff will review all street activities that have been performed since the last major PMP update. All AC/PCC maintenance data will be entered into MicroPAVER to improve upon section deterioration projections that will in turn enhance the recommendations for the upcoming budgetary analysis and CIP reporting.

We will assist the Agency in developing the most cost-effective preventative maintenance, repair and rehabilitation strategies possible. This will be accomplished by meeting with the Agency to discuss and strategize maintenance activities/unit costs that are currently being used by the Agency. This effort is typically scheduled for when our pavement surveys reach 65% complete.

Based on the Agency's current available budget, AC & PCC applications/costs and other maintenance practices used we will conduct an historical and prospective analysis on the

## Scope of Work

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conditional and financial impact these practices have on the pavement network. The maintenance strategies that are typically reviewed are localized stop gap maintenance, slurry seals, rehabilitation and reconstruction (R&R), the expected improvement in pavement condition, the life-cycle extension that would result and the unit costs for maintenance.

Based on our fiscal and deterioration analysis, we will present our results and recommendations to Agency staff. This analysis will become an essential building block for the recommended 2019-2024 maintenance programs/scenarios. Bucknam will provide an engineering discussion that includes priority listings as well as several sets of priority / cost-benefit analysis scenarios.

We will establish a maintenance “decision tree” that will be used to generate pavement recommendations that match current 2019 maintenance approaches which integrate planned facility expansions in the future as well as possible abandonment of the CCWRF Facility. This will be accomplished by assessing/updating the unique and individual deterioration curves within the database based on functional class (collector, local) and age. Our staff will review the IEUA’s deterioration curves that have been developed based on historical pavement condition, inspection, surface type, and road class. The curves will be modified based on 2019 PCI’s.

All maintenance practices/unit costs will be integrated into the PMP database and will be derived from the most recent construction bids for pavement rehabilitation. We will account for annual inflation rates and PMP project contingencies when long-term revenues projections are made.

**Our staff will also recommend updates to the Agency’s maintenance zone approach. We will focus on projecting budgets and maintenance recommendations for all streets within maintenance “zones”; this will allow us to proactively schedule maintenance efforts throughout the 5-year CIP as well as achieve the desired level of PCI across the Agency.**

Our Project Manager and key staff will work closely with Agency in defining repair and rehabilitation strategies during each fiscal year and within each area defined by the Agency. Once the repair/rehabilitation strategies have been defined, the identification of a five-year Forecasted Maintenance schedule will be generated.

The recommended budget scenarios will be identified on the basis of several criteria:

- Assessing the Agency’s current PMP funding sources (i.e. General fund, O&M and Regional Capital , etc.);
- Present pavement conditions; Desired levels of service and available resources;
- Scheduling recommendations with the Agency’s priority projects and other capital projects (water, sewer, etc.);
- Recommendations for pavement / hardscape section design thickness;
- Accrued backlog levels and stabilization of maintenance backlog; and
- Future routine maintenance needs based on projected deterioration rates.

The primary emphasis of this task is to maximize the programming of street maintenance projects using the most cost-effective strategies available and taking into account a life-cycle cost analysis. A working “draft” Final Report will be generated for Agency staff to review. The Draft and Final PMP reports will include:

## Scope of Work

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- Executive Summary / Findings and Recommendations;
- Purpose statement for PMP to establish goals and objectives;
- Assessment of current and projected pavement condition (condition analysis and prediction modeling);
- Pavement Condition Index (PCI) reports;
- Multiple CIP scenarios identifying facility maintenance/rehabilitation (per section & zone) recommendations (slurry, overlay, recon, etc.) associated with contingency costs; Agency will provide funding source budget allocations;
- Recommendations for maintenance in “groupings” or zones within facilities; and
- GIS mapping.

**Deliverable:** Hierarchy model of pavement maintenance decision tree, two (2) copies of the Draft Pavement Management Program Report

### ***TASK 4.6: Budgetary Analysis and Final PMP Reporting***

We will deliver the Final Report to the Agency which will be essential for staff use/reference and beneficial for elected officials/upper management. The report will be prepared in a format that uses the information delivered by PMP in conjunction with the information and analysis performed by our team. The report will provide the Agency with information on:

- Current inventory and pavement conditions indices (PCI) for all street classes;
- Projected annual rehabilitation programs for street maintenance for a 5-yr period (Facility Forecast Maintenance Reports) that show the largest return on investment and acceptable levels of service;
- Identification of pavement/hardscape maximization of life cycle, ROI, cost reduction within IUEA bidding process
- Modeling and comparison of budget scenarios typically include;
  - Current / Actual budget 5-year projection (agency-wide approach);
  - Identification of annual funding to maintain current PCI after 7-years;
  - Increase current PCI within 5 years;
  - Gradual, Frontloaded, Constrained and Unlimited funding analysis ;
- Strategies and recommendations for the Agency’s maintenance programs and procedures, including a preventative maintenance schedule;
- Preparation of generic specifications for all identified fiscal year projections/bid documents;
- Supporting documentation required by Agency; and

# Scope of Work



- The PMP will be presented to the IEUA Board and/or upper management and we will support IEUA staff in the development of the presentation; **pro bono**

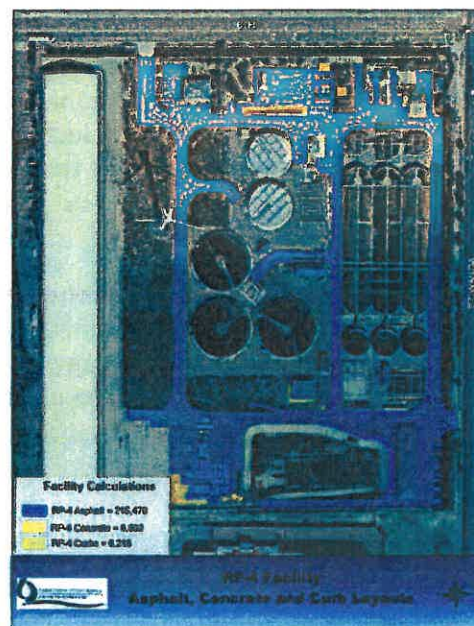
**Registered Engineer** - Mr. Steve Bucknam, P.E. will supervise all operations, review all completed data and prepare and sign a final report incorporating the results of our pavement evaluation and conditions. We will provide engineered recommendations for pavement rehabilitation and replacement design based upon field data and analysis. In summary, the final report will include:

Final Report Deliverables
Executive Summary outlining the complete project
Methodologies utilized for field survey and budget analysis
Work history of completed street maintenance, rehabilitation and reconstruction
Current PCI's by section
Condition distribution by functional classification
Projected annual road maintenance R&R programs for streets over 5 year period based on Task 4.6 scenarios
Projected annual road maintenance R&R programs for sidewalk/C&G over 5 year period based on Task 4.6 scenarios
Analysis that allows for the Agency to measure cost impact due to deferred maintenance
GIS map exhibits demonstrating PCI's, work history, project budget scenarios, etc.
Present and future PCI rating based on a five-year M&R
MicroPAVER or StreetSaver PMP database (Integration within IEUA GIS Enterprise)
Sidewalk, C&G, value/vault GIS database (Integration within IEUA GIS Enterprise)

**Deliverable:** Upon final approval, three (3) bound copies of the Final Pavement PMP Report (plus one original signed by our Registered Engineer, CA No. 20903), in binder and electronic form (.pdf), will be sent to the Agency. Bucknam will provide one (1) DVD copy of the Final PMP database and will install it at the Agency.

## TASK 4.7: PMP – GIS Link / Mapping

As an enhancement and proactive approach to this project, our staff will create and publish a Pavement-GIS link between PMP data and the Agency's GIS system. Bucknam will utilize the Agency's existing GIS facility centerline/polygon layer as a starting point for the development of the PMP-GIS integration. By using the unique ID's within the PMP and the Agency's ESRI street geodatabase ID's, we will create a one-to-one match for each pavement, sidewalk, C&G, and value asset/section in the IEUA ESRI GIS Enterprise. All pavement segmentation within the PMP database will be mirrored within the IEUA GIS layer which will allow all pavement data to be published on the GIS environment.



## Scope of Work

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With a completed survey and once IEUA has approved the Pavement Condition Report, we will update the PMP-GIS layer with relevant PCI data.

The maps described below will be incorporated into the Agency's Final PMP report:

- Comprehensive/corrected Facility GIS Pavement / Hardscape layers;
- PCI values for every section;
- Work History identifications;
- 5-yr Rehabilitation and Slurry Seal Programs; and
- Sidewalk/walkway, C&G, Safety Railing, valve/vault location and condition assessment.

Our staff will coordinate all project deliveries with the Engineering and the GIS division to ensure that the most current and accurate PMP-GIS maps are represented within the Agency's GIS enterprise.

*Additionally, Bucknam has found great success with implementing ESRI ArcGIS Online in association with pavement/hardscape short-term data implementation, long-term data management and accountability. This option is viable for this project.*

**Deliverable:** Complete GIS files/project .mxd's based on list above.

### **TASK 4.8: PMP Training and Technical Support**

With PMP software use being one of the key components to a successful PMP implementation, we will provide Agency staff with quality, certified training and the necessary skills needed to maintain the PMP. Bucknam will provide Agency staff with all collected pavement/GIS data, as well as updated operation manuals for both field data collection and software use. Based on the number of future users, our staff will deliver as many copies as needed by Agency staff to facilitate the program. Peter Bucknam and our Lead Field Technician, who are certified in the use of MicroPAVER, will conduct comprehensive multi-day training sessions covering implementation, interfacing with the system, PMP methodologies, field survey practices, PCI calculations, budget needs analysis and editing/updating the database. This is estimated to consist of a minimum of 8 hours of training.

Annual training typically involves one (1) day of training on the PMP software and GIS linkages. There is no minimum or maximum amount of people that can be trained under this methodology. We can train one key individual or an entire classroom using an Agency training facility pending on your needs; the intent of this training is to empower and allow Agency staff to continue updating the PMP database on their own after this project is completed.

The agreement will include the provision of onsite and telephone support for the Agency staff.

**Deliverable:** PMP software training, field and internal technical support

## ***TASK 4.9: Master Specifications Preparation / Management***

### **A. Task Order Master Template**

Work efforts under this Task will entail the following:

1. Participation in a kickoff meeting with IEUA Design and Construction Management staff to clearly identify the specific format and content of the Task Order Master Template for Asphalt Concrete (AC) Pavement & Miscellaneous Portland Cement Concrete Repairs based upon the results on each of the Phased Pavement Management Program's findings & recommendations.
2. Prepare Draft & Final Versions of the Task Order Master Template Documents for various types of AC & PCC Repair projects under IEUA's Informal Contract parameters.
3. Provide consultation with the IEUA's Design & Construction Management staff and their Survey & Geotechnical Consultants, regarding the parameters for Survey requests or Geotechnical boring and analysis; to ascertain existing pavement sections and subgrade conditions.
4. Provide On-call Consultation to IEUA in respect to Task Orders; during Informal Contract negotiations and Consultation during construction; to clarify the scope of the repair contract.
5. Provide updates to the Task Order Master Template for subsequent PMP Report Recommendations to reflect any need modifications to the AC or PCC materials and methods requirements which may be made in the APWA Standard Specifications for Public Works Construction.

### **B. Technical Specifications Master Template**

Work efforts under this Task will entail the following:

1. Participation in a kickoff meeting with IEUA Design and Construction Division staff to clearly identify the specific format and content of the Technical Specifications Master Template for Asphalt Concrete (AC) Pavement & Miscellaneous Portland Cement Concrete Repairs based upon the results on each of the Phased Pavement Management Program's findings & recommendations
2. Prepare Draft & Final Versions of the Technical Specifications Master Template Documents for various types of AC & PCC Repair projects under IEUA's Formal Contract parameters.
3. Provide consultation with the IEUA's Design & Construction Management staff and their Survey & Geotechnical Consultants, regarding the parameters for Survey requests or Geotechnical boring and analysis; to ascertain existing pavement sections and subgrade conditions.

4. Provide On-call Consultation in respect to the Technical Specifications; to IEUA during Formal Contract negotiations and Consolation during construction; to clarify the scope of the repair contract.
5. Provide updates to the Task Order Master Template for subsequent PMP Report Recommendations to reflect any need modifications to the AC or PCC materials and methods requirements which may be made in the APWA Standard Specifications for Public Works Construction.

### **OPTIONAL SERVICES**

#### ***TASK 4.10: As-Needed PMP – GIS Services***

##### **Pavement Management Program Support**

With the Agency implementing a multi-yr PMP management schedule Bucknam will provide annual PMP support that will cover data previously submitted by our staff. If additional services outside the identified scope of work above are requested Bucknam will provide timely and proactive services to the Agency. Additional As-Needed services typically include:

- Additional budget scenarios, general reporting, deterioration studies;
- Additional visual inspections above the SF amount indicated in Task 4.2;
- Additional PMP-Hardscape Task 1 updates in FY 2022-23 and FY 2024-25
- Additional pavement management – GIS mapping;
- Additional MicroPAVER training, operation use; and

If requested, Bucknam will assess and review the Agency's upcoming maintenance schedule for that fiscal year. The agreement will continue to include the provision of onsite and telephone support for the Agency staff.

##### **GIS Management Program Support**

Additionally, Bucknam will provide GIS Contract services through our GIS Manager and GIS Analyst staff. Our support will enhance and proactively complete the Agency's on-going GIS implementation, Engineering data development, survey and management.

- Implementation of Engineering GIS Enterprise solutions / Infrastructure Management GIS solutions
- GPS surveys, GIS layer development, GIS digitization



## Scope of Work

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### ***TASK 4.11: Presentation to the IEUA Board (Optional)***

As a pro-bono effort, Bucknam will prepare and present the PMP to the Agency's Board and/or upper management. This effort will include the development and finalization of a PowerPoint presentation (approved by Agency staff); the report will reflect all data collected and reported on during the project.

**Deliverable: Delivery of PowerPoint presentation, assistance with presentation to Agency Board**

**Bucknam Infrastructure Group - Detailed Labor and Fee Breakdown**  
**Inland Empire Utilities Agency, CA**  
**2019-2024 Pavement Management Services**  
**Task Order 01 FY 2019-20 Update**

**SECTION 6 - COST PROPOSAL/PAYMENT FEE SCHEDULE**

Bucknam Infrastructure Group - PROJECT COST BY TASK BY PERSONNEL

Discipline 1

Agency Requested Year 1, 3 and 5-Work Efforts / Base Contract with Optional As-Needed, Totaling Five (5) Years

Task Description	Project Principal-In- Charge	Project Manager	GIS Analyst	Field Technician	Field Technician	Field Technician	Chief / Administrative	TOTAL HOURS Bucknam	TOTAL FEE Bucknam	TOTAL FEE Sub- Commitment	TOTAL PROJECT FEE
<b>FISCAL YEAR 2019-20: PMP Services (Year 1)</b>											
Task 1.1 Management and Administration - Project Kickoff		1	1	1				3	\$ 421.00	\$ -	\$ 421.00
Task 1.2 Project Status - Quality Control Program		3	3	14	14	4		38	\$ 3,902.00	\$ -	\$ 3,902.00
Task 2.1 Client Satisfaction - Project Deliverables	2	6	6	2	2		1	19	\$ 2,974.00	\$ -	\$ 2,974.00
Task 3.1 Work Flow / Project Schedule		3	3	3				9	\$ 1,263.00	\$ -	\$ 1,263.00
Task 4.1 Update Establishment of IEUA PMP Network/Work History											
- Assess existing IEUA Pavement/Hardscape data - Build Segmentation database		8	56	30	12	12		118	\$ 14,514.00	\$ -	\$ 14,514.00
Task 4.2 Pavement Condition Surveys - 30.53 Acres (approx. 1.4 million SF)		8	4	48	24	24		108	\$ 10,796.00	\$ -	\$ 10,796.00
- Safety Rating Assessment, Inspection, Mapping & Reporting	2	4	18	22	16			62	\$ 7,358.00	\$ -	\$ 7,358.00
Task 4.3 Development of Sidewalk Maintenance Program		3	2					5	\$ 845.00	\$ -	\$ 845.00
Task 4.4 Sidewalk / C&G Data Collection (SW, Walkways, C&G, parking stalk)		8	48	24	24	24		128	\$ 14,992.00	\$ -	\$ 14,992.00
Task 4.5 Maintenance and Rehabilitation, History and Decision Tree	2	6	2	2				12	\$ 2,132.00	\$ -	\$ 2,132.00
Task 4.6 Budgetary Analysis and Final PMP Reporting	8	48	16	2			1	75	\$ 13,662.00	\$ -	\$ 13,662.00
Task 4.7 PMP - GIS Link / Mapping		2	10	22				34	\$ 3,822.00	\$ -	\$ 3,822.00
Task 4.8 PMP Training and Technical Support		2		8				10	\$ 1,098.00	\$ -	\$ 1,098.00
Task 4.9 Master Specifications Preparation / Management	7	16	40	40	20	20	2	145	\$ 18,125.00	\$ -	\$ 18,125.00
Task 4.10 (Optional - See Below) - PMP Presentation to Board - pro bono								0	\$ -	\$ -	\$ -
All Tasks Reimbursable (mileage, materials, equipment)									\$ 5,490.00	\$ -	\$ 5,490.00
<b>SUBTOTAL</b>		<b>21</b>	<b>118</b>	<b>209</b>	<b>218</b>	<b>112</b>	<b>84</b>	<b>766</b>	<b>\$ 101,394.00</b>	<b>\$ -</b>	<b>\$ 101,394.00</b>
<b>TOTAL LABOR</b>		<b>21</b>	<b>118</b>	<b>209</b>	<b>218</b>	<b>112</b>	<b>84</b>	<b>766</b>			
<b>TOTAL BASE FEE (Five-Yr No Software purchase)</b>									<b>\$ 101,394.00</b>	<b>\$ -</b>	<b>\$ 101,394.00</b>
<b>OPTIONAL ITEMS</b>											
Task 4.10 (Optional - See Below) - PMP Presentation to Board - pro bono									\$ -	\$ -	\$ -

**CONSENT  
CALENDAR  
ITEM**

**3H**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager ASW

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

08/14/19  
08/14/19

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

**Subject:** Ratification of Contract Amendment for Ely Basin Infiltration Restoration

---

**Executive Summary:**

The Agency's Board of Directors approved the Ely Basin Infiltration Restoration project in May 2019 for a not-to-exceed amount of \$248,550. The contractor started the basin cleaning work in July 2019. While surface debris and trash were expected and observed during the pre-bid job walk, the type and volume of trash discovered after the work started far exceeded a hand-picking operation. Examples of trash found include: shopping carts, mattresses, tents, sleeping bags, needles, and syringes. In addition, the soil with embedded trash could not be disposed at the intended disposal site due to the amount of trash found. Agency staff worked with the contractor to investigate alternative disposal options including on-site screening, landfills, and an alternative dump site. The alternative dump site was determined to be the most economical option but does require added trucking distance. The alternative resulted in a change order of \$280,500 for a total contract amount of \$529,050. The contractor, Jeremy Harris Construction, Inc. (JHC) has conducted several basin infiltration restoration contracts with the Agency and has performed reputably. Due to the timing of the project, the General Manager was consulted and approved the change order using his authority under Ordinance 101. Chino Basin Watermaster was also consulted and concurred with the need to proceed with the change order.

---

**Staff's Recommendation:**

1. Ratify Contract Amendment No. 4600002733-001 to Jeremy Harris Construction, Inc. for the Ely Basin Infiltration Restoration Services for \$280,500 and a not-to-exceed total contract value of \$529,050; and
2. Ratify a budget amendment for FY 2018/19 Groundwater Recharge professional fees budget in the amount of \$280,500 to support the proposed cost of the Ely Basin cleaning.

---

**Budget Impact** Budgeted (Y/N): N Amendment (Y/N): Y Amount for Requested Approval: \$ 280,500

**Account/Project Name:**

Ely Basin Infiltration Restoration Project

**Fiscal Impact** (explain if not budgeted):

Funding for this cost will come in part from reimbursements of up to \$148,550 from CBWCD, the remaining amount will be shared by IEUA and CBWM using its approved pro rata cost sharing.

**Prior Board Action:**

On May 15, 2019, the Board authorized the current Ely Basin cleaning contract.  
On October 12, 2012, the Board authorized an Ely Basin cleaning contract.

---

**Environmental Determination:**

Not Applicable

Earthwork services will comply with the State of California Department of Fish and Game, Notification No. 1600-2009-0072-R6 Revision 2, dated February 15, 2010, Long Term Routine Maintenance Streambed Alteration Agreement for Existing Facilities.

---

**Business Goal:**

This contract amendment supports the Agency's business goal of Water Reliability to develop and implement an integrated water resource management plan.

---

**Attachments:**

Attachment 1 - Contract Amendment No. 4600002733-001 to Jeremy Harris Construction, Inc.  
Attachment 2 - PowerPoint

---

# Attachment 1



**CONTRACT AMENDMENT NUMBER: 4600002733-001**  
**FOR**  
**EARTHWORK AND INFILTRATION RESTORATION SERVICES**  
**WITHIN THE ELY (THREE) BASINS**

THIS AMENDMENT NUMBER 1, to Contract Number 4600002733 between the Inland Empire Utilities Agency, and Jeremy Harris Construction, Inc., of Riverside, California, (Contractor) shall revise the Contract as follows:

**REVISE SECTION 3, SCOPE OF WORK AND SERVICES, ADDING A PARAGRAPH "F" TO READ:**

F. The Contractor shall provide additional services, at the Ely Basins site, consistent with the additional Scope of Work, as summarized below, see Exhibit C, attached, for additional detail.

1. **Task A: Cutting and Windrowing of Silt Material shall remain unchanged.**

Three Cells (9,000 cyd) Proposed Cost in Lump-Sum  
Amount \$31,500

**Secondary Bid Item:** If the volume of silt materials to be **cut** and **windrowed** from within the Basin is more or less than the initially estimated amount, the contract cost will need to be amended accordingly. The price, per cubic yard, quoted below, will be used to adjust the contract cost up or down as needed (unchanged from the original proposal):

Credit/Debit for any differing amount of silt material: \$3.50 / cubic yard.

**Part 2: Removal of Material from the Forebay of Ely 1, this proposed cost reflects the multiple impacts of the complications explained in Exhibit C.**

Ely 1 Forebay (5,000 cyd) Proposed Cost in Lump-Sum  
Amount \$160,000.00

**Secondary Bid Item:** If the volume of silt materials to be **removed and disposed** from within the Ely 1 Forebay is more or less than the initially estimated amount, the contract cost will need to be amended accordingly. The price, per cubic yard, quoted below will be used to adjust the contract cost up or down as needed:

Credit/Debit for differing amounts of silt material: \$32.00 / cubic yard.



2. **Task B: Loading, Transporting, and Disposing of Silt Materials, this proposed cost reflects the multiple impacts of the complications explained in Exhibit C.**

Three Basins (9,000 cyd) Proposed Cost in Lump-Sum,  
Total Amount \$288,000.00

**Secondary Bid Item:** If the volume of silt materials to be loaded, transported, and disposed of from within the Ely Basins is more or less than the estimated amount, the contract cost will need to be amended accordingly. The price, per cubic yard, quoted below will be used to adjust the contract cost up or down as needed:

Credit/Debit for loading, hauling, and disposing of a differing amount of silt material: \$30.00 / cubic yard.

3. **Task C: Track-Walking Side Slopes and Ripping/Smoothing of Cell Floors shall remain unchanged.**

Three Basins (27 acres) Proposed Cost in Lump-Sum Amount \$49,000.00

**Total Proposed Cost in Lump-Sum Amount: Not-to-Exceed \$529,050.**

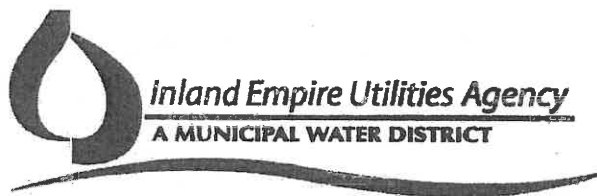
**REVISE SECTION 5, COMPENSATION, ADDING A PARAGRAPH, TO READ:**

As compensation for the additional services represented by this Contract Amendment 4600002733-001, Agency shall pay Contractor's properly executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice. Payment may be withheld for any service which does not meet the requirements of this Contract Amendment, until such service is revised, the invoice is resubmitted, and the invoice is accepted by the Project Manager. The value of this Contract Amendment and the services provided under it, shall not exceed a total of **\$280,500**.

Execution of Contract Amendment Number 4600002733-001 increases the Contract's total **Not-to-Exceed** value to **\$529,050**.

**(This space has intentionally been left blank)**





**ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.**

The parties hereto have mutually covenanted and agreed as per the above amendment item, and in doing so have caused this document to become incorporated into the Contract Documents.

**INLAND EMPIRE UTILITIES AGENCY:**  
*(\*A MUNICIPAL WATER DISTRICT)*

**JEREMY HARRIS CONSTRUCTION, INC.:**

\_\_\_\_\_  
Shivaji Deshmukh  
General Manager

(Date)

  
\_\_\_\_\_  
Jeremy Harris  
President

7/30/19  
(Date)

**(This space has intentionally been left blank)**

# Exhibit C

During the initial earthwork at the Ely Basin site, the contractor started to uncover more water-borne and wind-borne material (trash and debris) than typically anticipated. As the initial scope of work progressed, the amount and diversity of the debris multiplied. More than 40 derelict shopping carts were uncovered; as well as countless plastic containers, all of which required individual attention. Ultimately, specialized, debris handling equipment was located (northern California) and brought to the site to facilitate mechanical efficiencies to complete the process. Truckloads (tons) of this debris and trash needed processing, loading onto trucks, transported to a landfill, and disposed of (via a tipping fee).

To further complicate the silt removal process, each of the sequential operations was continually interrupted because more and more trash and debris were uncovered with each "pass" of the earthmoving equipment. The multiple interruptions have significantly added to the commitment time of heavy equipment assigned to the project, the operators, as well as trucks, drivers and the mileage required.

In-the-field meetings were held, negotiations surrounding the modification to the Scope of Work led to an agreed-upon, fair and equitable, modification of the total project cost. The goal for this project remains the restoration of the basins (Ely #1, #2, and #3), totaling approximately 27 acres of recharge surface area, to their original operational condition. All of the negotiating parties concluded that the effects of the longer-than-normal cleaning interval were compounded by the amount and intensity of the rainfall during the past several storm seasons.

# Attachment 2

# Ratification of Contract Amendment for Ely Basin Infiltration Restoration



Andy Campbell, P.G.  
August 2019

# Original Bids

## Awarded May 15, 2019

- 3 basins
- 30 acres to clean
- 14,000 cubic yards (CY) to remove

Bidder	Amount
Jeremy Harris Construction, Inc. (JHC)	\$248,550
JCE Equipment	\$536,400



# JHC Discovers Significant Debris in Soil



*Soil Stockpile with Trash*

- Basin dewatered for prebid walk refilled with storm water and municipal discharges
- During excavation, JHC identified significant surface and embedded trash greater than in past basin cleaning projects
- Disposal site for excavated sediments no longer finds material acceptable
- JHC sought alternative disposal sites



# Alternatives to Lost Disposal Site

- Lost Disposal Site: Canyon near Riverside, fill site of a new development
- Disposal Alternatives:
  - Dispose at a Landfill: \$991,200 to \$1,243,200
  - Provide On-Site Screening: \$556,112
  - New Dump Site: \$280,500





# Recommendation

- Ratify Contract Amendment No. 4600002733-001 to Jeremy Harris Construction, Inc. for the Ely Basin Infiltration Restoration Services for \$280,500 and a not-to-exceed total contract value of \$529,050;
- Approve a budget amendment for FY 2019/20 Groundwater Recharge professional fees budget in the amount of \$280,500 to support the added cost of the Ely Basin cleaning.

*This contract amendment supports the Agency's business goal of **Water Reliability** to develop and implement an integrated water resource management plan.*

**CONSENT  
CALENDAR  
ITEM**

**31**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager *ASD*

**Committee:** Engineering, Operations & Water Resources

08/14/19

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

**Subject:** Ratification of Contract Amendment for RP-3 Basin Infiltration Restoration

---

**Executive Summary:**

In June and July 2019, the RP-3 Basin infiltration rates were restored by Jeremy Harris Construction, Inc. following a competitive bidding process and the award of a \$136,106 contract. The project's contract award was approved by the Board of Directors on April 17, 2019. Pumping was performed following the bidding process when storage was available for recharge of the pumped water in the downstream Declez Basin. Following pumping, it was determined that the volume of storm sediments clogging the cell floors were greater than the estimated 5,510 cubic yards. An amendment was first made for cleaning Cell 1 for an additional 1,500 cubic yards (\$25,905). A second amendment is needed for cleaning Cells 3 and 4 for an additional 1,064 cubic yards (\$18,375.28). The second amendment will also include 210 additional cubic yards of cleaning the concrete-lined distribution channel (\$71,068). The channel cleaning was more costly than the basin cleaning due to the additional soil handling equipment and labor needed. The first and second amendments will bring the total change orders to \$115,348.28, 85, a 185% increase from the bid. As time was of the essence, the work was conducted, and the Board of Directors' ratification of the second amendment is required.

---

**Staff's Recommendation:**

1. Ratify Contract Amendment No. 4600002713-002 with Jeremy Harris Construction, Inc. in the amount of \$89,443.28 for the RP-3 Basin Infiltration Restoration Services; and
2. Authorize the General Manager to execute the amendment.

---

**Budget Impact** *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Amount for Requested Approval:* \$ 89,443

*Account/Project Name:*

IEUA and Chino Basin Watermaster will cost share using its approved pro rata cost sharing methodology.

*Fiscal Impact (explain if not budgeted):*

**Prior Board Action:**

On April 17, 2019, the Board approved the contract award in the amount of \$136,106 to Jeremy Harris Construction, Inc.

---

**Environmental Determination:**

Not Applicable

Earthwork services will comply with the State of California Department of Fish and Game, Notification No. 1600-2009-0072-R6 Revision 2, dated February 15, 2010, Long Term Routine Maintenance Streambed Alteration Agreement for Existing Facilities.

---

**Business Goal:**

This contract amendment supports the Agency's business goal of Water Reliability to develop and implement an integrated water resource management plan.

---

**Attachments:**

Attachment 1 - Contract Amendment No. 4600002713-002 to Jeremy Harris Construction, Inc.  
Attachment 2 - PowerPoint

# Attachment 1



**CONTRACT AMENDMENT NUMBER: 4600002713-002**  
**FOR**  
**EARTHWORK AND INFILTRATION RESTORATION SERVICES**  
**WITHIN REGIONAL PLANT NUMBER THREE BASINS**

THIS AMENDMENT NUMBER 2, to Contract Number 4600002713 between the Inland Empire Utilities Agency, and Jeremy Harris Construction, Inc., of Riverside, California, (Contractor) shall revise the Contract as follows:

**REVISE SECTION 4, SCOPE OF WORK AND SERVICES, ADDING A PARAGRAPH "G" TO READ:**

- G. The Contractor shall provide additional services, at the RP-3 Basins, consistent with the additional Scope of Work (1,274 cubic yards), under "Task A - Cutting and Windrowing" and Task B – Loading, Transporting, and Disposing" shown in the attached Exhibit 1, attached hereto. Contractor shall carefully and cooperatively coordinate these tasks with the Project Manager, to ensure the work is completed in a timely manner.

**REVISE SECTION 6, COMPENSATION, ADDING A PARAGRAPH, TO READ:**

As compensation for the services represented by this Contract Amendment 4600002713-002, Agency shall pay Contractor's properly executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice. Payment may be withheld for any service which does not meet the requirements of this Contract Amendment, until such service is revised, the invoice is resubmitted, and the invoice is accepted by the Project Manager. The value of this Contract Amendment and the services provided under it, shall not exceed a total of **\$89,443.28**.

**ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.**

The parties hereto have mutually covenanted and agreed as per the above amendment item, and in doing so have caused this document to become incorporated into the Contract Documents.

**INLAND EMPIRE UTILITIES AGENCY:**  
(\*A MUNICIPAL WATER DISTRICT)

**JEREMY HARRIS CONSTRUCTION, INC.:**

\_\_\_\_\_  
Shivaji Deshmukh  
General Manager

(Date)

\_\_\_\_\_  
Jeremy Harris  
President

(Date)

*Jeremy Harris* 7/30/19

# Attachment 2

# Ratification of Contract Amendment for RP-3 Basin Infiltration Restoration



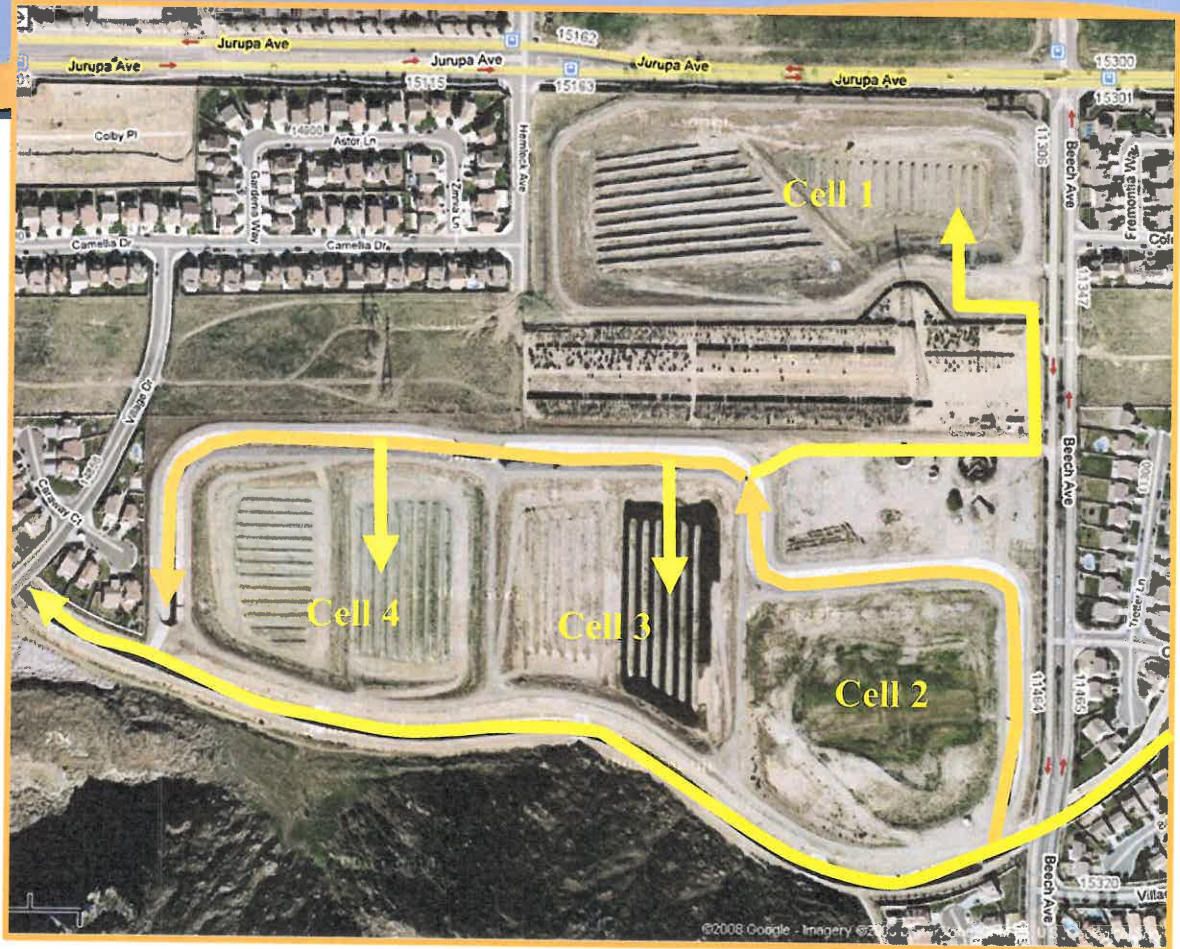
Andy Campbell, P.G.  
August 2019



# Scope of Work

**Awarded April 17, 2019**

- 3 Large Cells
- 1 Distribution Channel
- 23 acres to clean
- 5,510 cubic yards (CY) storm sediments removal

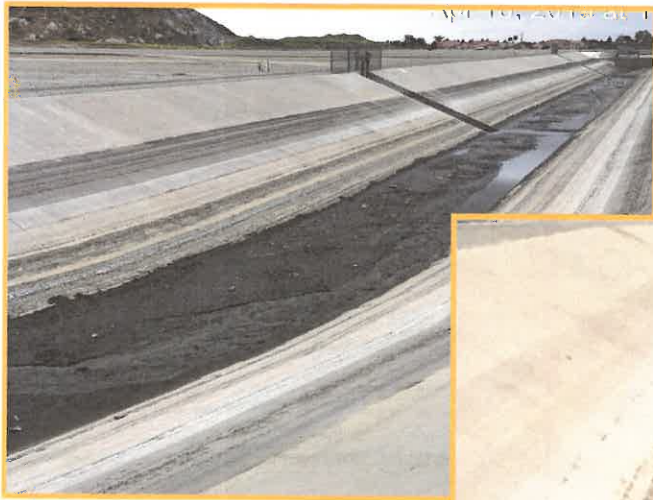


# Additional Storm Sediment Removal

- During cleaning, identified the need to remove and dispose of additional storm sediments
- Amendment 1
  - \$25,905 (+1,500 CY) Cell 1
- Amendment 2
  - \$18,375 (+1,064 CY) Cell 3 and 4
  - \$71,068 (+ 210 CY) Distribution Channel
  - \$89,443.28 Total



# Distribution Channel Cleaning



# Recommendation

- Ratify Contract Amendment No. 4600002733-002 to Jeremy Harris Construction, Inc. for the RP-3 Basin Infiltration Restoration Services in the amount of \$89,443.28 for the RP-3 Basin Infiltration Restoration Services; and
- Authorize the General Manager to execute the amendment.

*This contract amendment supports the Agency's business goal of **Water Reliability** to develop and implement an integrated water resource management plan.*

**CONSENT  
CALENDAR  
ITEM**

**3J**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager ASD

**Committee:**

**Executive Contact:** Shivaji Deshmukh, General Manager

**Subject:** Increase the Number of Alternate Appointments on Inland Empire Utilities Agency Committees

---

**Executive Summary:**

The Board of Directors, through the Agency Bylaws and state law, have the power to establish committees, whether standing or ad hoc. The current standing committees are the: Audit Committee; Community and Legislative Affairs Committee; Engineering, Operations, and Water Resources Committee; and Finance and Administration Committee. Currently, the committees are comprised of two Board Directors and one alternate.

Due to occasionally not having a quorum and resulting in cancellation of a committee meeting, it is recommended that the Board increase the number of alternates for all committees.

The Board President has the authority to appoint the chair, members and alternate for all committees.

---

**Staff's Recommendation:**

Approve an increase in the number of appointed alternates to the Inland Empire Utilities Agency committees to a number established by the Board.

---

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

*Account/Project Name:*

**Fiscal Impact** *(explain if not budgeted):*

This will have little to no fiscal impact.

Full account coding (internal AP purposes only):

- - -  
- - -

Project No.:

**Prior Board Action:**

On January 17, 2018, the Board approved the Administrative Handbook, which contains the Agency Bylaws and acknowledges that each committee established by the Board has a chair, member, and alternate which is appointed by the Board President.

---

**Environmental Determination:**

Not Applicable

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**Business Goal:**

This will ensure that publicly noticed committee meetings will not have to be canceled if a committee member and alternate are unable to attend the scheduled meeting time.

---

**Attachments:**

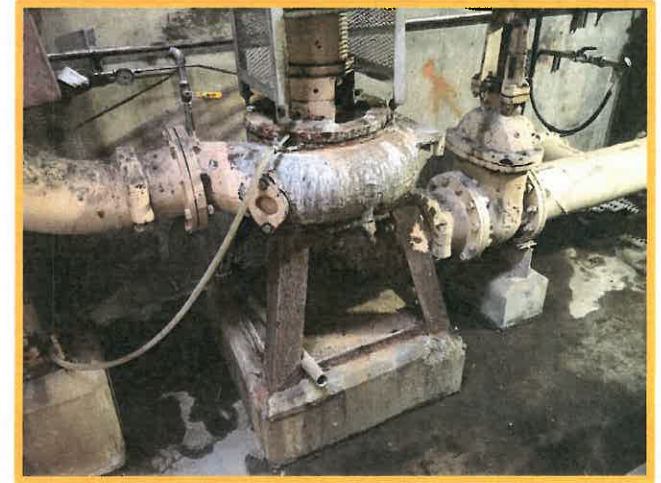
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**INFORMATION  
ITEM**

**4A**



# Engineering and Construction Management Project Updates



# RP-1 12 kV Switchgear and Generator Control Upgrades

Project Goal: Increase Reliability



RP-1 Emergency Generators

**Total Project Budget: \$5.8 M**  
**Project Completion: January 2020**  
**Construction Percent Complete: 10%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	Black & Veatch	\$103 K	53%
Construction (Current)	Big Sky Electric (Design/Build)	\$4.4 M	0%

# HQ Driveway Improvements

Project Goal: Improve Accessibility

**Total Project Budget: \$400 K**  
**Project Completion: August 2020**  
**Percent Design Complete: 1%**

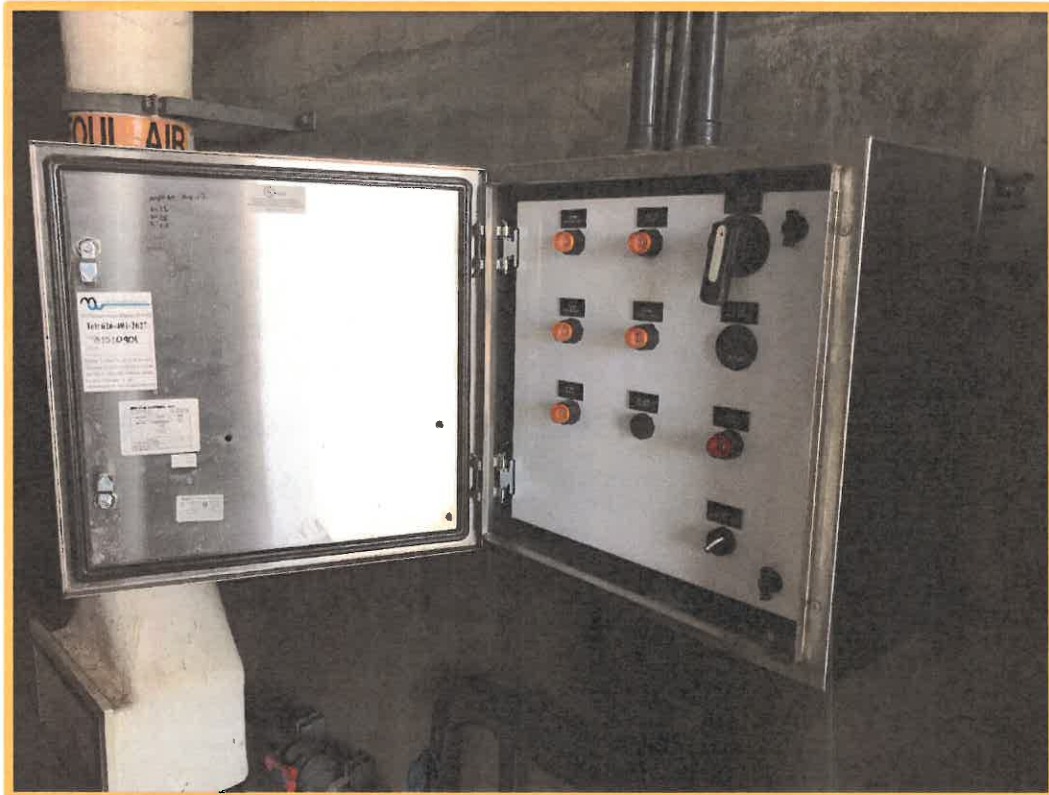
Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Project Development (Current)	TBD	\$0	0%
Construction	TBD	\$0	0%



Current East Entrance

# RP-1 Headworks Sump Pump Redundancy

Project Goal: Improve efficiency and reliability



**Total Project Budget: \$150 K**  
**Project Completion: February 2020**  
**Percent Complete: 0%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	TBD	\$0	0%
Construction	TBD	\$0	0%

# RSS Haven Avenue Repair and Replacement

Project Goal: Increase asset life

**Total Project Budget: \$6 M**

**Project Completion: June 2021**

**Construction Percent Complete: 0%**

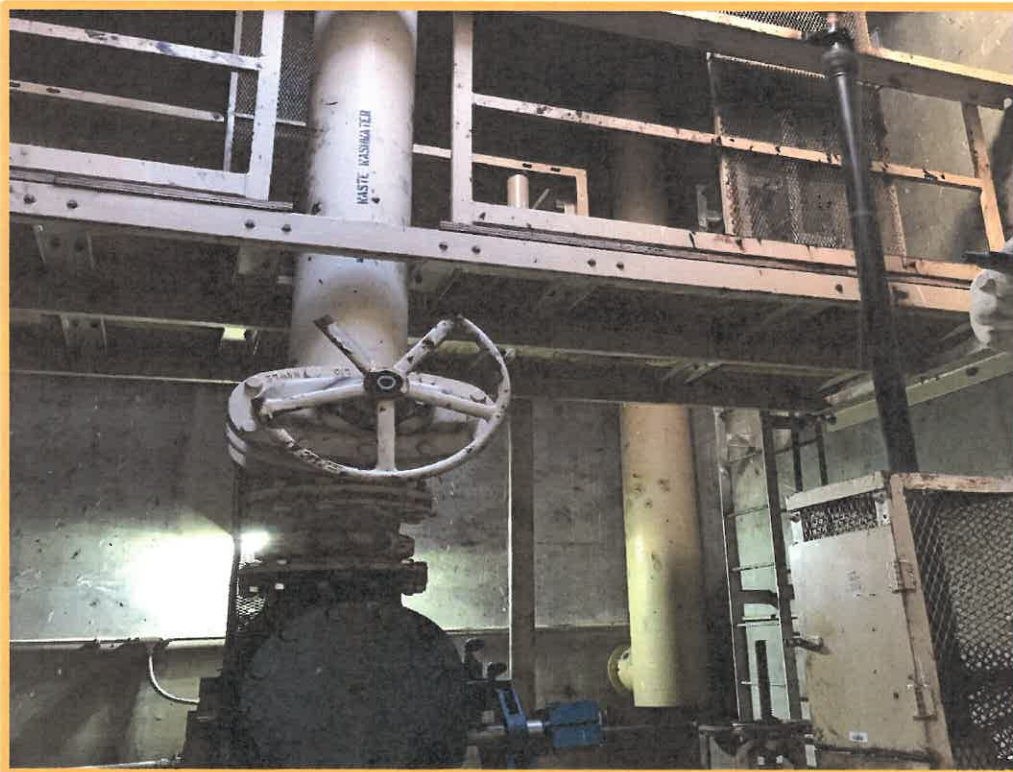
Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	TBD	TBD	0%
Construction	TBD	TBD	0%



Pipeline Lining Deterioration

# RP-1 TP-1 Waste Wash Water Basin Pumps Replacement

Project Goal: Increase operational efficiency



Pump Shaft and Discharge Valve

**Total Project Budget: \$650 K**  
**Project Completion: February 2020**  
**Construction Percent Complete: 0%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	TBD	\$0	0%
Construction	TBD	\$0	0%

# 1158 Reservoir Re-coating/Painting and Upgrades

Project Goal: Extend asset life

**Total Project Budget: \$4.4 M**  
**Project Completion: June 2020**  
**Design Percent Complete: 10%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design (Current)	Harper & Associates Engineering	\$17K	0%
Construction	TBD	\$0	0%



West Reservoir Center Rafters

**INFORMATION  
ITEM**

**4F**





---

**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager *SD*

**Committee:** Finance & Administration

08/14/19

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

**Subject:** Treasurer's Report of Financial Affairs

---

**Executive Summary:**

The Treasurer's Report of Financial Affairs for the month ended June 30, 2019 is submitted in a format consistent with the State requirement.

For the month of June 2019, total cash, investments, and restricted deposits of \$256,605,359 reflects an increase of \$3,098,746 compared to the total of \$253,506,613 reported for May 2019. The increase was primarily due to an increase in restricted deposits for wastewater connection fees held by member agencies. Additionally, the Agency made a two million dollar payment towards the Agency's other post employment benefit (OPEB) restricted account. As a result of this payment, the average days cash on hand for the month ended June 30, 2019 decreased slightly from 267 days to 266 days.

The unrestricted Agency investment portfolio yield in June 2019 was 2.543 percent, an increase of 0.016 percent compared to the May 2019 yield of 2.527 percent. The slight increase in yield is mainly attributed to the higher balance in the California Asset Management Program's (CAMP) account with 2.480 percent yield compared to the prior month's balance.

---

**Staff's Recommendation:**

The Treasurer's Report of Financial Affairs for the month ended June 30, 2019 is an information 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):*

Interest earned on the Agency's investment portfolio increases the Agency's overall reserves.

**Prior Board Action:**

On July 17, 2019, the Board of Directors approved the Treasurer's Financial Affairs Report for the month ended May 31, 2019.

---

**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 - Treasurer's Report of Financial Affairs

## Background

Subject: Treasurer's Report of Financial Affairs

The Treasurer's Report of Financial Affairs for the month ended June 30, 2019 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. 2019-3-1).

Agency total cash, investments, and restricted deposits for the month of June 2019 was \$256.6 million, an increase of \$3.1 million from the \$253.5 million reported for the month ended May 31, 2019. The increase was primarily due to an increase in restricted deposits from wastewater connection fees held by member agencies.

Table 1 represents the unrestricted Agency investment portfolio, by authorized investment and duration, with total portfolio amount of \$155.5 million. The Agency portfolio excludes cash and restricted deposits in the amount of \$101.1 million held by member agencies and with fiscal agents.

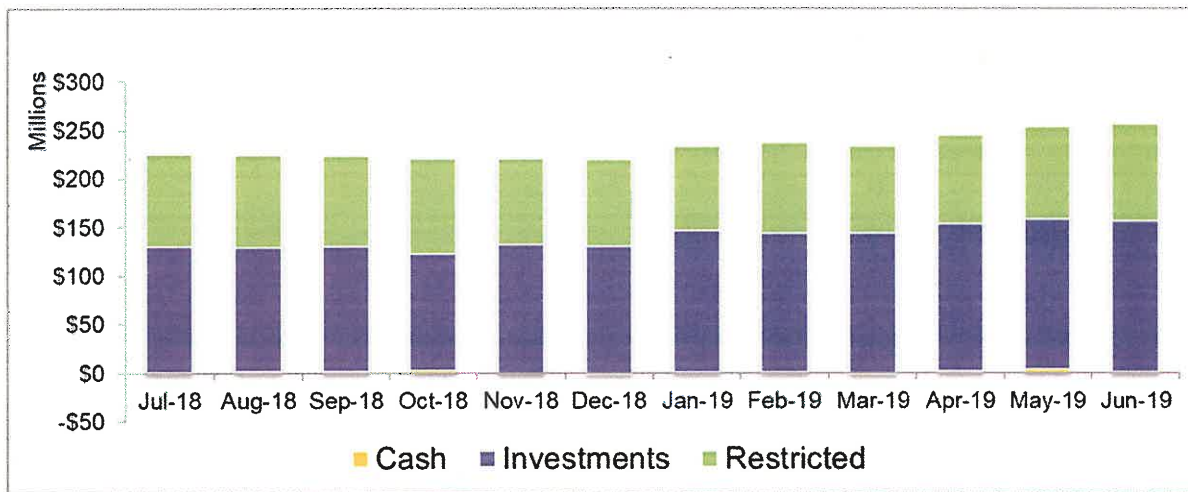
**Table 1: Agency Portfolio**

Authorized Investments	Allowable Threshold (\$ million or %)	Investment Value as of June 30, 2019 (\$ million)				Average Yield %	Portfolio% (Unrestricted)
		Under 1 Year	1-3 Years	Over 3 Years	Total		
LAIF*- Unrestricted	\$65	\$21.7	\$0	\$0	\$21.7	2.43%	13.9%
CAMP** – Unrestricted	n/a	36.2			36.2	2.48	23.3
Citizens Business Bank – Sweep	40%	6.2			6.2	1.10	4.0
<b>Sub-Total Agency Managed</b>		<b>\$64.1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$64.1</b>	<b>2.33%</b>	<b>41.2%</b>
Brokered Certificates of Deposit	30%	\$1.4	\$2.5	\$0	\$3.9	3.12%	2.5%
Commercial Paper	25%	1.0			1.0	3.07	0.7
Medium Term Notes	30%	0.8	6.9	7.4	15.1	3.03	9.7
Municipal Bonds	10%	1.0			1.0	1.75	0.6
US Treasury Notes	n/a		26.7	19.5	46.2	2.59	29.7
US Gov't Securities	n/a	5.0	11.7	7.5	24.2	2.64	15.6
<b>Sub-Total PFM Managed</b>		<b>\$9.2</b>	<b>\$47.8</b>	<b>\$34.4</b>	<b>\$91.4</b>	<b>2.69%</b>	<b>58.8%</b>
<b>Total</b>		<b>\$73.3</b>	<b>\$47.8</b>	<b>\$34.4</b>	<b>\$155.5</b>	<b>2.543%</b>	<b>100.0%</b>

\*LAIF – Local Agency Investment Fund

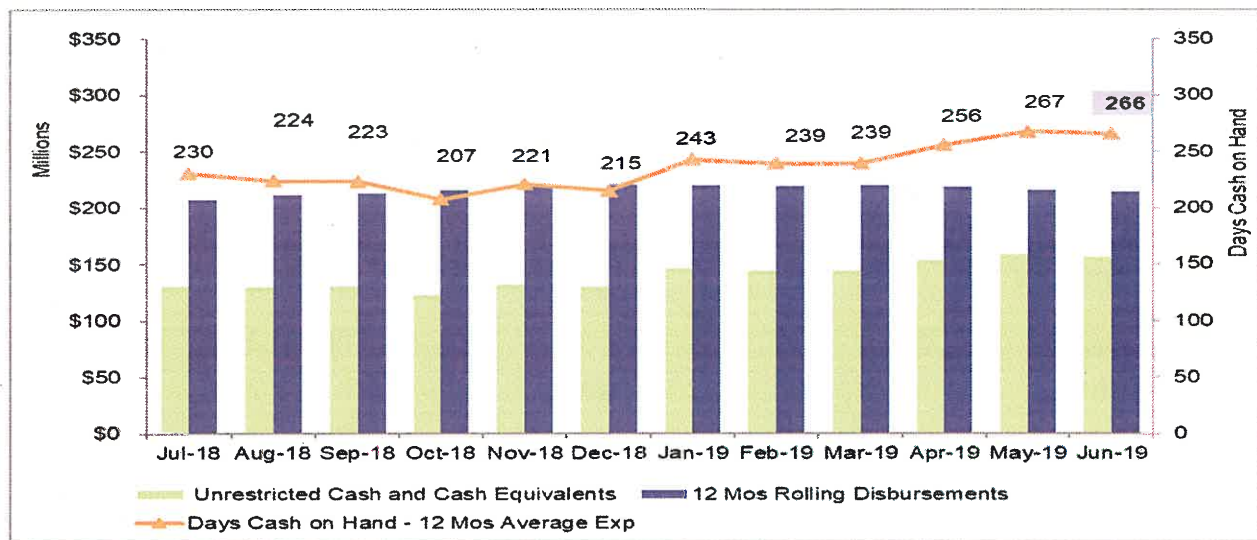
\*\*CAMP – California Asset Management Program

**Figure 1: Cash, Investments, and Restricted Deposits**



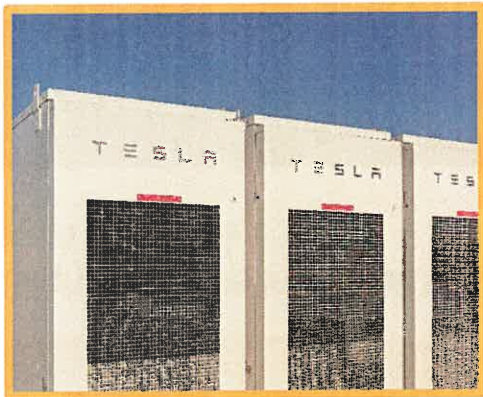
Average days cash on hand is calculated using the monthly ending balance of unrestricted cash and cash equivalents divided by disbursements associated with operating expenses, debt service, and capital expenditures as recorded in the Agency’s cash flow. The average days cash on hand for the month ended June 30, 2019 decreased slightly from 267 days to 266 days as shown in Figure 2.

**Figure 2: Days Cash on Hand – 12 Month Rolling Average**



Monthly cash and investment summaries are available on the Agency’s website at <https://www.ieua.org/fy-2018-19-cash-and-investment-summary/>.

# Treasurer's Report of Financial Affairs for Month Ended June 30, 2019



# Agency Liquidity

- ❖ Slight increase in overall yield due to additional funds in California Asset Management Program (CAMP) with yield of 2.48%

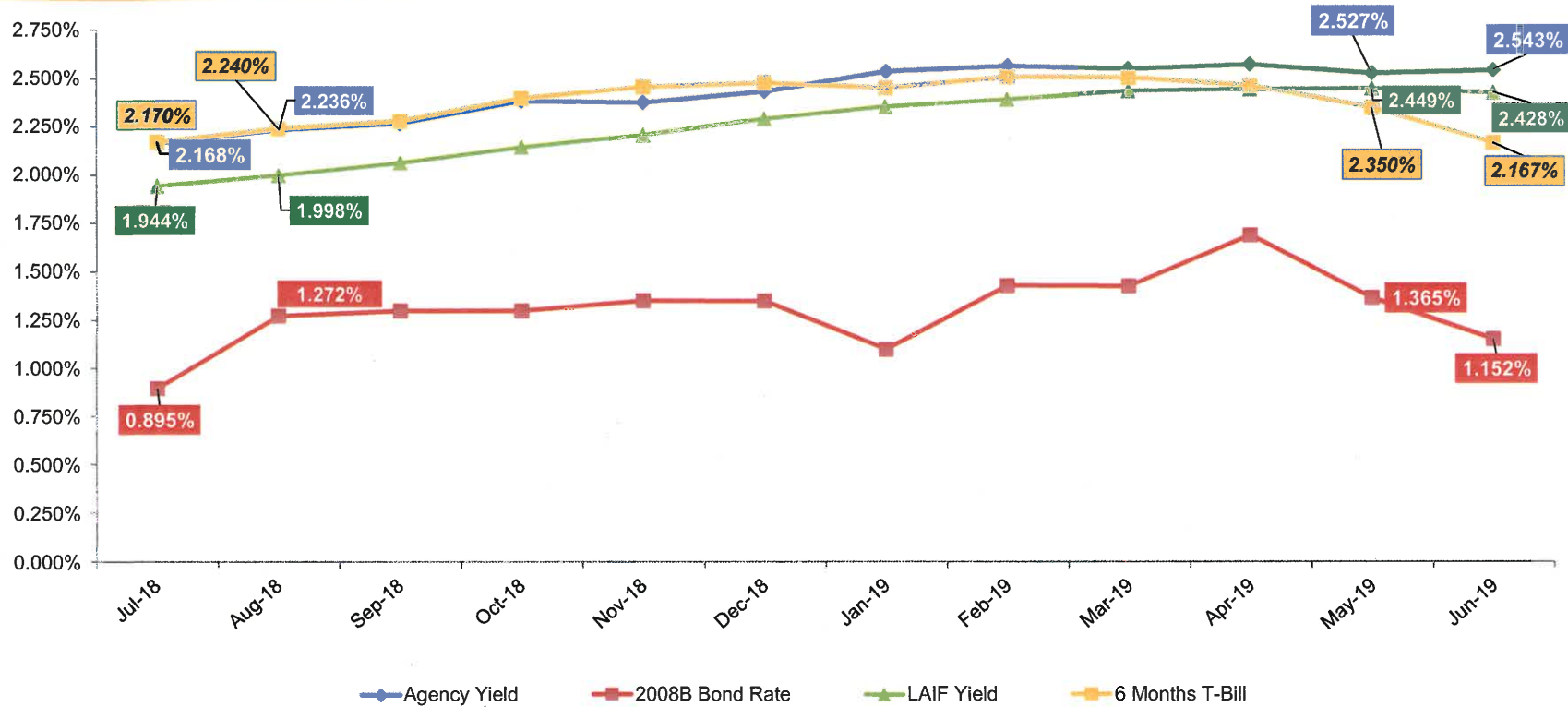
Description	June (\$ million)	May (\$ million)	Increase/ (Decrease) (\$ million)
Investment Portfolio	\$155.5	\$154.7	\$0.8
Cash and Restricted Deposits	\$101.1	\$98.8	\$2.3
<b>Total Investments, Cash, and Restricted Deposits</b>	<b>\$256.6</b>	<b>\$253.5</b>	<b>\$3.1</b>
Investment Portfolio Yield	2.543%	2.527%	0.016%
Weighted Average Duration (Years)	1.00	1.02	(0.02)
Average Cash on Hand (Days)	266	267	(1)

Monthly cash and investment summaries available at: <https://www.ieua.org/fy-2018-19-cash-and-investment-summary/>

# Agency Investment Position

Authorized Investments	Allowable Threshold (\$ million or %)	Under 1 Year	1 – 3 Years	Over 3 Years	Total	Average Yield %	Portfolio % (Unrestricted)
Local Agency Investment Fund	\$65	\$21.7	\$0	\$0	\$21.7	2.43%	13.9%
California Asset Management Program	n/a	36.2			36.2	2.48	23.3
Citizens Business Bank – Sweep	40%	6.2			6.2	1.10	4.0
<b>Sub-Total Agency Managed</b>		<b>\$64.1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$64.1</b>	<b>2.33%</b>	<b>41.2%</b>
Brokered Certificates of Deposit (CD)	30%	\$1.4	\$2.5	\$0	\$3.9	3.12%	2.5%
Commercial Paper	25%	1.0			1.0	3.07	0.7
Medium Term Notes	30%	0.8	6.9	7.4	15.1	3.03	9.7
Municipal Bonds	10%	1.0			1.0	1.75	0.6
US Treasury Notes	n/a		26.7	19.5	46.2	2.59	29.7
US Government Securities	n/a	5.0	11.7	7.5	24.2	2.64	15.6
<b>Sub-Total PFM Managed</b>		<b>\$9.2</b>	<b>\$47.8</b>	<b>\$34.4</b>	<b>\$91.4</b>	<b>2.69%</b>	<b>58.8%</b>
<b>Total</b>		<b>\$73.3</b>	<b>\$47.8</b>	<b>\$34.4</b>	<b>\$155.5</b>	<b>2.543%</b>	<b>100.0%</b>

# Portfolio Yield Comparison





# Questions



The Treasurer's Report of Financial Affairs is consistent with the Agency's business goal of fiscal responsibility.

## TREASURER'S REPORT OF FINANCIAL AFFAIRS

For the Month Ended June 30, 2019



All investment transactions have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2019-3-1) adopted by the Inland Empire Utilities Agency's Board of Directors during its regular meeting held on May 15, 2019.

The funds anticipated to be available during the next six-month period are expected to be sufficient to meet all foreseen expenditures during the period.

\* A Municipal Water District

**INLAND EMPIRE UTILITIES AGENCY**  
**Cash and Investment Summary**

Month Ended  
June 30, 2019

	June	May	Variance
<b><u>Cash, Bank Deposits, and Bank Investment Accounts</u></b>	\$447,303	\$3,045,545	(\$2,598,242)
<b><u>Investments</u></b>			
<b>Agency Managed</b>			
Citizens Business Bank (CBB) Repurchase (Sweep)	\$6,242,498	\$9,887,196	(\$3,644,698)
Local Agency Investment Fund (LAIF)	21,665,351	21,832,677	(167,326)
California Asset Management Program (CAMP)	36,220,463	31,647,941	4,572,522
<b>Total Agency Managed Investments</b>	64,128,312	63,367,814	760,498
<b>PFM Managed</b>			
Certificates of Deposit	\$3,864,746	\$3,864,723	\$23
Municipal Bonds	999,788	999,682	106
Commercial Paper	1,016,685	1,014,135	2,550
Medium Term Notes	15,076,304	15,078,676	(2,372)
U.S. Treasury Notes	46,170,797	45,305,216	865,581
U.S. Government Sponsored Entities	24,203,928	25,051,376	(847,448)
<b>Total PFM Managed Investments</b>	91,332,248	91,313,808	18,440
<b>Total Investments</b>	\$155,460,560	\$154,681,622	\$778,938
<b>Total Cash and Investments Available to the Agency</b>	\$155,907,863	\$157,727,167	(\$1,819,304)
<b><u>Restricted Deposits</u></b>			
CAMP Water Connection Reserve	\$14,137,212	\$14,108,425	\$28,787
LAIF Self Insurance Reserve	6,273,633	6,106,308	167,325
Debt Service Accounts	2,606,439	2,602,256	4,183
Capital Capacity Reimbursement Account (CCRA) Deposits Held by Member Agencies**	60,318,973	58,089,948	2,229,025
California Employers' Retirement Benefit Trust Account - CERBT (Other Post Employment Benefits - OPEB)	17,240,078	14,676,753	2,563,325
Escrow Deposits	121,161	195,756	(74,595)
<b>Total Restricted Deposits</b>	\$100,697,496	\$95,779,446	\$4,918,050
<b>Total Cash, Investments, and Restricted Deposits</b>	<b>\$256,605,359</b>	<b>\$253,506,613</b>	<b>\$3,098,746</b>

\*\*Total reported as of May 2019

**INLAND EMPIRE UTILITIES AGENCY**  
**Cash and Investment Summary**

Month Ended  
June 30, 2019

**Cash, Bank Deposits, and Bank Investment Accounts**

CBB Demand Account (Negative balance offset by CBB Sweep Balance)	(\$201,512)
CBB Payroll Account	-
CBB Workers' Compensation Account	48,656
Subtotal Demand Deposits	<u>(\$152,856)</u>

**Other Cash and Bank Accounts**

Petty Cash	\$2,250
Subtotal Other Cash	<u>\$2,250</u>

**US Bank Pre-Investment Money Market Account**

\$597,909

***Total Cash and Bank Accounts***

**\$447,303**

**Unrestricted Investments**

**CBB Repurchase (Sweep) Investments**

Fannie Mae	\$6,242,498
Subtotal CBB Repurchase (Sweep)	<u>\$6,242,498</u>

**Local Agency Investment Fund (LAIF)**

LAIF Fund	\$21,665,351
Subtotal Local Agency Investment Fund	<u>\$21,665,351</u>

**California Asset Management Program (CAMP)**

Short Term	\$36,220,463
Subtotal CAMP	<u>\$36,220,463</u>

**Subtotal Agency Managed Investment Accounts**

\$64,128,312

**INLAND EMPIRE UTILITIES AGENCY**  
**Cash and Investment Summary**

Month Ended  
June 30, 2019

**Unrestricted Investments Continued**

**Brokered Certificates of Deposit**

Brokered Certificates of Deposit	\$3,864,746
Subtotal Brokered Certificates of Deposit	<u>\$3,864,746</u>

**Commercial Paper**

JP Morgan Securities	\$1,016,685
Subtotal Commercial Paper	<u>\$1,016,685</u>

**Municipal Bonds**

University of California Taxable Revenue Bonds	\$999,788
Subtotal State and Municipal Bonds	<u>\$999,788</u>

**Medium Term Notes**

UPS of America Inc	\$755,050
Hershey Company	334,853
American Honda Finance	778,927
Boeing Co	761,595
Toyota Motor	1,185,189
Bank of NY Mellon	2,766,287
American Express	789,817
Walt Disney Company	803,563
Paccar Financial Corp	929,521
Visa Inc	803,110
Bank of America	777,017
Oracle Corporation	1,396,319
Amazon Inc	926,475
Burlington North Santa Fe Corp	792,934
Pfizer Inc	1,275,647
Subtotal Medium Term Notes	<u>\$15,076,304</u>

**INLAND EMPIRE UTILITIES AGENCY**

**Cash and Investment Summary**

Month Ended  
June 30, 2019

**Unrestricted Investments Continued**

**U.S. Treasury Notes**

Treasury Note	\$46,170,797
Subtotal U.S. Treasury Notes	<u>\$46,170,797</u>

**U.S. Government Sponsored Entities**

Fannie Mae Bank	\$8,753,589
Freddie Mac Bank	7,993,879
Federal Home Loan Bank	7,456,460
Subtotal U.S. Government Sponsored Entities	<u>\$24,203,928</u>

<b>Subtotal PFM Managed Investment Accounts</b>	<u><b>\$91,332,248</b></u>
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<b><i>Total Investments</i></b>	<u><b>\$155,460,560</b></u>
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**Restricted Deposits**

**Investment Pool Accounts**

CAMP -Water Connection Reserves	\$14,137,212
LAIF - Self Insurance Fund Reserves	6,273,633
Subtotal Investment Pool Accounts	<u>\$20,410,845</u>

**Debt Service**

2008B Debt Service Accounts	\$2,605,923
2010A Debt Service Accounts	3
2017A Debt Service Accounts	513
Subtotal Debt Service	<u>\$2,606,439</u>

**INLAND EMPIRE UTILITIES AGENCY**

**Cash and Investment Summary**

Month Ended  
June 30, 2019

**Restricted Deposits Continued**

**CCRA Deposits Held by Member Agencies**

City of Chino	\$9,920,945
Cucamonga Valley Water District	10,386,716
City of Fontana	8,113,755
City of Montclair	2,574,472
City of Ontario	20,166,825
City of Chino Hills	6,220,318
City of Upland	2,935,942
Subtotal CCRA Deposits Held by Member Agencies**	<u>\$60,318,973</u>

\*\*Total reported as of May 2019

**CalPERS**

CERBT Account (OPEB)	<u>\$17,240,078</u>
Subtotal CalPERS Accounts	<u>\$17,240,078</u>

**Escrow Deposits**

Genesis Construction	\$78,394
Stanek Construction	42,767
Subtotal Escrow Deposits	<u>\$121,161</u>

***Total Restricted Deposits*** \$100,697,496

***Total Cash, Investments, and Restricted Deposits as of June 30, 2019*** \$256,605,359

Total Cash, Investments, and Restricted Deposits as of 06/30/19 \$256,605,359  
Less: Total Cash, Investments, and Restricted Deposits as of 05/31/19 253,506,613

***Total Monthly Increase (Decrease)*** \$3,098,746

**INLAND EMPIRE UTILITIES AGENCY**

**Cash and Investment Summary**

Month Ended  
June 30, 2019

	Settlement Date	Security Length	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	June Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
			S&P	Moody's	S&P	Moody's								
<b>Cash, Bank Deposits, and Bank Investment Accounts</b>														
<b>Citizens Business Bank (CBB)</b>														
Demand Account							(\$201,512)	(\$201,512)	N/A	(\$201,512)	N/A		N/A	(\$201,512)
Payroll Checking							0	0	N/A	0	N/A		N/A	0
Workers' Compensation Account							48,656	48,656	N/A	48,656	N/A		N/A	48,656
Subtotal CBB Accounts							<u>(\$152,856)</u>	<u>(\$152,856)</u>		<u>(\$152,856)</u>				<u>(\$152,856)</u>
<b>US Bank (USB)</b>														
Custodial Money Market (Investment Mgmt.)							\$431,481	\$431,481	N/A	\$431,481	1.85%		N/A	\$431,481
Custodial Money Market (Debt Service)							166,428	166,428	N/A	166,428	1.85%		N/A	166,428
Subtotal USB Account							<u>\$597,909</u>	<u>\$597,909</u>		<u>\$597,909</u>	1.85%			<u>\$597,909</u>
Petty Cash							<u>\$2,250</u>	<u>\$2,250</u>	N/A	<u>\$2,250</u>	N/A		N/A	<u>\$2,250</u>
<b>Total Cash, Bank Deposits and Bank Investment Accounts</b>							<u><b>\$447,303</b></u>	<u><b>\$447,303</b></u>		<u><b>\$447,303</b></u>				<u><b>\$447,303</b></u>
<b>Investments</b>														
<b>CBB Daily Repurchase (Sweep) Accounts</b>														
Fannie Mae							\$6,242,498	\$6,242,498	N/A	\$6,242,498	1.10%		N/A	\$6,242,498
Subtotal CBB Repurchase Accounts							<u>\$6,242,498</u>	<u>\$6,242,498</u>		<u>\$6,242,498</u>	1.10%			<u>\$6,242,498</u>
<b>LAIF Accounts</b>														
Non-Restricted Funds							\$21,665,351	\$21,665,351	N/A	\$21,665,351	2.428%		N/A	\$21,665,351
Subtotal LAIF Accounts							<u>\$21,665,351</u>	<u>\$21,665,351</u>		<u>\$21,665,351</u>	2.428%			<u>\$21,665,351</u>
<b>CAMP Accounts</b>														
Non-Restricted Funds							\$36,220,463	\$36,220,463	N/A	\$36,220,463	2.48%		N/A	\$36,220,463
Subtotal CAMP Accounts							<u>\$36,220,463</u>	<u>\$36,220,463</u>		<u>\$36,220,463</u>	2.48%			<u>\$36,220,463</u>
<b>Subtotal Agency Managed Investment Accounts</b>							<u><b>\$64,128,312</b></u>	<u><b>\$64,128,312</b></u>		<u><b>\$64,128,312</b></u>	<b>2.33%</b>			<u><b>\$64,128,312</b></u>
<b>Brokered Certificates of Deposit (CDs)</b>														
Bank of Nova Scotia Houston	06/07/18	718	A-1	P-1			\$1,410,000	\$1,409,464	729	\$1,409,746	3.08%	3.10%	06/05/20	\$1,421,827
Bank of Montreal Chicago	08/03/18	720	A+	Aa2			1,400,000	1,400,000	731	1,400,000	3.19%	3.23%	08/03/20	1,409,736
Synchrony Bank	10/02/15	1800	N/R	N/R			240,000	240,000	1827	240,000	2.25%	2.25%	10/02/20	240,168
Royal Bank of Canada NY	06/08/18	1079	AA-	Aa2			815,000	815,000	1095	815,000	3.24%	3.24%	06/07/21	831,107
Subtotal Brokered CDs							<u>\$3,865,000</u>	<u>\$3,864,464</u>		<u>\$3,864,746</u>		3.12%		<u>\$3,902,838</u>



**INLAND EMPIRE UTILITIES AGENCY**

**Cash and Investment Summary**

Month Ended  
June 30, 2019

	Settlement Date	Security Length	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	June Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
			S&P	Moody's	S&P	Moody's								
<b>Investments (continued)</b>														
<b>US Treasury Note</b>														
US Treasury Note	04/18/18	807	AA+	Aaa			\$2,195,000	\$2,149,128	819	\$2,173,462	1.500%	2.46%	07/15/20	\$2,184,883
US Treasury Note	04/18/18	1003	AA+	Aaa			2,225,000	2,201,012	1019	2,211,196	2.125%	2.53%	01/31/21	2,235,168
US Treasury Note	01/24/19	741	AA+	Aaa			1,900,000	1,886,938	753	1,889,657	2.250%	2.59%	02/15/21	1,912,914
US Treasury Note	03/15/19	825	AA+	Aaa			2,781,000	2,761,120	838	2,763,679	2.125%	2.45%	06/30/21	2,800,990
US Treasury Note	04/17/18	1184	AA+	Aaa			2,615,000	2,588,543	1201	2,598,027	2.250%	2.57%	07/31/21	2,640,946
US Treasury Note	07/17/18	1184	AA+	Aaa			580,000	567,426	1202	570,980	2.000%	2.69%	10/31/21	583,512
US Treasury Note	04/17/18	1303	AA+	Aaa			2,555,000	2,480,346	1323	2,504,458	1.750%	2.60%	11/30/21	2,555,797
US Treasury Note	04/25/18	1416	AA+	Aaa			2,500,000	2,418,750	1436	2,442,317	1.875%	2.75%	03/31/22	2,511,035
US Treasury Note	08/03/18	1318	AA+	Aaa			3,070,000	2,969,266	1336	2,993,417	1.875%	2.82%	03/31/22	3,083,551
US Treasury Note	09/06/18	1285	AA+	Aaa			3,790,000	3,678,225	1302	3,702,930	1.875%	2.75%	03/31/22	3,806,727
US Treasury Note	04/17/18	1453	AA+	Aaa			1,605,000	1,558,480	1474	1,571,864	1.875%	2.64%	04/30/22	1,611,457
US Treasury Note	07/05/18	1435	AA+	Aaa			1,300,000	1,252,570	1456	1,263,868	1.750%	2.72%	06/30/22	1,301,625
US Treasury Note	06/06/18	1554	AA+	Aaa			2,065,000	1,980,706	1577	2,000,685	1.750%	2.76%	09/30/22	2,066,452
US Treasury Note	05/04/18	1617	AA+	Aaa			1,600,000	1,546,625	1641	1,559,770	2.000%	2.80%	10/31/22	1,614,000
US Treasury Note	10/04/18	1557	AA+	Aaa			1,040,000	990,356	1580	998,440	1.750%	2.93%	01/31/23	1,040,731
US Treasury Note	04/17/18	1751	AA+	Aaa			305,000	288,535	1778	292,413	1.500%	2.69%	02/28/23	302,558
US Treasury Note	07/05/18	1673	AA+	Aaa			1,275,000	1,206,269	1699	1,220,176	1.500%	2.74%	02/28/23	1,264,790
US Treasury Note	02/12/19	1489	AA+	Aaa			1,235,000	1,189,508	1508	1,193,529	1.500%	2.44%	03/31/23	1,224,725
US Treasury Note	01/24/19	1596	AA+	Aaa			2,000,000	1,899,453	1618	1,908,860	1.38%	2.58%	06/30/23	1,972,266
US Treasury Note	02/12/19	1609	AA+	Aaa			1,260,000	1,196,951	1630	1,202,114	1.25%	2.44%	07/31/23	1,235,784
US Treasury Note	05/03/19	1587	AA+	Aaa			650,000	667,088	1611	666,494	2.88%	2.25%	09/30/23	679,986
US Treasury Note	03/08/19	1687	AA+	Aaa			3,450,000	3,484,904	1713	3,482,742	2.75%	2.52%	11/15/23	3,595,007
US Treasury Note	01/09/19	1761	AA+	Aaa			2,525,000	2,479,826	1786	2,484,004	2.13%	2.52%	11/30/23	2,565,342
US Treasury Note	01/31/19	1770	AA+	Aaa			120,000	120,356	1795	120,329	2.63%	2.56%	12/31/23	124,519
US Treasury Note	06/04/19	1766	AA+	Aaa			2,345,000	2,355,534	1792	2,355,386	2.00%	1.90%	04/30/24	2,370,556
Subtotal US Treasuries							\$46,986,000	\$45,917,915		\$46,170,797		2.59%		\$47,285,323
<b>U.S. Government Sponsored Entities</b>														
Fannie Mae Bond	06/09/16	1157	AA+	Aaa			500,000	500,000	1,173	500,000	1.250%	1.25%	08/26/19	499,225
Federal Home Loan Bank	04/25/18	646	AA+	Aaa			2,000,000	1,986,100	657	1,995,211	2.13%	2.52%	02/11/20	2,000,830
Federal Home Loan Bank	04/18/18	702	AA+	Aaa			2,500,000	2,495,600	712	2,498,297	2.38%	2.47%	03/30/20	2,507,260
Freddie Mac Bond	04/17/18	1019	AA+	Aaa			2,500,000	2,485,350	1,036	2,491,487	2.38%	2.59%	02/16/21	2,521,648
Freddie Mac Bond	04/25/18	1011	AA+	Aaa			2,550,000	2,527,994	1,028	2,537,098	2.38%	2.70%	02/16/21	2,572,080
Fannie Mae Bond	04/17/18	1076	AA+	Aaa			2,510,000	2,502,671	1,092	2,505,564	2.50%	2.60%	04/13/21	2,539,279
Federal Home Loan Bank	01/24/19	987	AA+	Aaa			1,865,000	1,882,717	1,001	1,879,990	3.00%	2.63%	10/21/21	1,914,676
Fannie Mae Bond	01/11/19	1080	AA+	Aaa			795,000	794,428	1,096	794,515	2.63%	2.65%	01/11/22	811,510
Federal Home Loan Bank	05/28/19	1075	AA+	Aaa			1,520,000	1,519,772	1,091	1,519,779	2.65%	2.66%	05/23/22	1,520,439
Fannie Mae Bond	04/17/18	1608	AA+	Aaa			1,655,000	1,603,678	1,632	1,616,936	2.00%	2.74%	10/05/22	1,666,582
Freddie Mac Bond	07/05/18	1784	AA+	Aaa			1,450,000	1,444,461	1,810	1,445,515	2.75%	2.83%	06/19/23	1,501,323
Fannie Mae Bond	12/06/18	1716	AA+	Aaa			855,000	853,273	1,741	853,486	2.88%	2.92%	09/12/23	890,477
Fannie Mae Bond	11/05/18	1747	AA+	Aaa			1,820,000	1,803,274	1,772	1,805,428	2.88%	3.08%	09/12/23	1,895,517
Federal Home Loan Bank	01/31/19	1748	AA+	Aaa			870,000	895,642	1,772	893,587	3.38%	2.72%	12/08/23	925,568
Fannie Mae Bond	02/08/19	1797	AA+	Aaa			680,000	677,470	1,823	677,660	2.50%	2.58%	02/05/24	700,433
Federal Home Loan Bank	02/15/19	1798	AA+	Aaa			190,000	189,327	1,824	189,375	2.50%	2.58%	02/13/24	195,853
Subtotal U.S. Gov't Sponsored Entities							24,260,000	24,161,758		\$24,203,928		2.64%		\$24,662,700

**INLAND EMPIRE UTILITIES AGENCY**

**Cash and Investment Summary**

Month Ended  
June 30, 2019

	Settlement Date	Security Length	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	June Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
			S&P	Moody's	S&P	Moody's								
<b>Investments (continued)</b>														
<b>Commercial Paper</b>														
JP Morgan Securities	11/13/18		A-1	P-1			\$1,020,000	\$997,135	269	\$1,016,685		3.07%	08/09/19	\$1,017,196
Subtotal Commercial Paper							\$1,020,000	\$997,135		\$1,016,685		3.07%		\$1,017,196
<b>Municipal Bonds</b>														
University of California Taxable Revenue Bonds	02/09/17		AA	N/R			\$1,000,000	\$996,800	934	\$999,788	1.625%	1.75%	09/01/19	\$998,970
Subtotal State and Local Municipal Bonds							\$1,000,000	\$996,800		\$999,788		1.75%		\$998,970
<b>Investments (continued)</b>														
<b>Medium Term Notes</b>														
UPS of America Inc	04/18/18	703	A+	A1			725,000	802,046	714	755,050	8.38%	2.75%	04/01/20	757,622
Toyota Motor	01/08/19	720	AA-	Aa3			200,000	199,880	731	199,908	3.05%	3.08%	01/08/21	202,750
Hershey Company	05/10/18	1085	A	A1			335,000	334,769	1101	334,853	3.10%	3.12%	05/15/21	340,737
American Honda Finance	04/18/18	1164	A	A2			800,000	767,016	1181	778,927	1.65%	3.00%	07/12/21	791,353
Boeing Co	04/18/18	1197	A	A2			680,000	805,678	1215	761,595	8.75%	2.88%	08/15/21	768,685
Toyota Motor	04/27/18	1334	AA-	Aa3			1,000,000	978,790	1355	985,281	2.60%	3.21%	01/11/22	1,010,463
Bank of NY Mellon	04/18/18	1369	A	A1			1,400,000	1,371,048	1391	1,379,861	2.60%	3.18%	02/07/22	1,414,125
American Express	04/18/18	1395	A-	A2			800,000	785,488	1415	789,817	2.70%	3.20%	03/03/22	808,546
Walt Disney Company	04/18/18	1396	A	A2			815,000	798,692	1416	803,563	2.45%	3.00%	03/04/22	821,716
Paccar Financial Corp	05/10/19	1080	A+	A1			930,000	929,498	1483	929,521	2.65%	2.67%	05/10/22	941,370
Visa Inc	04/18/18	1587	AA-	Aa3			825,000	795,407	1611	803,110	2.15%	3.03%	09/15/22	828,454
Bank of America	04/18/18	1623	A-	A2			800,000	769,264	1647	777,017	2.50%	3.43%	10/21/22	802,013
Oracle Corp	04/19/18	1736	AA-	A1			1,420,000	1,389,001	1763	1,396,319	2.63%	3.11%	02/15/23	1,441,563
Amazon Inc	04/15/19	1387	AA-	A3			935,000	925,996	1774	926,475	2.40%	2.66%	02/22/23	944,071
Burlington North Santa Fe Corp	04/18/18	1767	A+	A3			800,000	790,800	1792	792,934	3.00%	3.26%	03/15/23	820,294
Bank of NY Mellon	01/24/19	1534	A	A1			1,375,000	1,387,595	1555	1,386,426	3.50%	3.27%	04/28/23	1,433,994
Pfizer Inc	04/04/19	1781	AA	A1			1,260,000	1,276,392	1807	1,275,647	2.95%	2.67%	03/15/24	1,298,975
Subtotal Medium Term Notes							\$15,100,000	\$15,107,360		\$15,076,304		3.03%		\$15,426,731
<b>Subtotal PFM Managed Investment Accounts</b>							<b>\$92,231,000</b>	<b>\$91,045,432</b>		<b>\$91,332,248</b>		<b>2.69%</b>		<b>\$93,293,758</b>
<b>Total Investments</b>							<b>\$156,359,312</b>	<b>\$155,173,744</b>		<b>\$155,460,560</b>				<b>\$157,422,070</b>
<i>(Source of Investment Amortized Cost: PFM)</i>														
<b>Restricted Deposits</b>														
<b>Investment Pool Accounts</b>														
CAMP - Water Connection Reserves							\$14,137,212	\$14,137,212	N/A	\$14,137,212		2.48%	N/A	\$14,137,212
LAIIF - Self Insurance Reserves							6,273,633	6,273,633	N/A	6,273,633		2.43%	N/A	6,273,633
<b>Total Investment Pool Accounts</b>							<b>\$20,410,845</b>	<b>\$20,410,845</b>		<b>\$20,410,845</b>		<b>2.46%</b>		<b>\$20,410,845</b>
<b>Debt Service and Arbitrage Accounts</b>														
2008B Debt Service Accounts							\$2,605,923	\$2,605,923	N/A	\$2,605,923		1.79%		\$2,605,923
2010A Debt Service Accounts							3	3	N/A	3		0.34%		3
2017A Debt Service Accounts							513	513	N/A	513		0.30%		513
<b>Total Debt Service Accounts</b>							<b>\$2,606,439</b>	<b>\$2,606,439</b>		<b>\$2,606,439</b>		<b>1.79%</b>		<b>\$2,606,439</b>

**INLAND EMPIRE UTILITIES AGENCY**

**Cash and Investment Summary**

Month Ended  
June 30, 2019

	Settlement Date	Security Length	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	June Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
			S&P	Moody's	S&P	Moody's								
<b>Restricted Deposits (continued)</b>														
<b>CCRA Deposits Held by Member Agencies</b>														
City of Chino							\$9,920,945	\$9,920,945	N/A	\$9,920,945		N/A	N/A	\$9,920,945
City of Chino Hills							6,220,318	6,220,318	N/A	6,220,318		N/A	N/A	6,220,318
Cucamonga Valley Water District							10,386,716	10,386,716	N/A	10,386,716		N/A	N/A	10,386,716
City of Fontana							8,113,755	8,113,755	N/A	8,113,755		N/A	N/A	8,113,755
City of Montclair							2,574,472	2,574,472	N/A	2,574,472		N/A	N/A	2,574,472
City of Ontario							20,166,825	20,166,825	N/A	20,166,825		N/A	N/A	20,166,825
City of Upland							2,935,942	2,935,942	N/A	2,935,942		N/A	N/A	2,935,942
<i>Subtotal CCRA Deposits Held by Member Agencies**</i>							\$60,318,973	\$60,318,973		\$60,318,973				\$60,318,973
<i>**Total reported as of May 2019</i>														
<b>CalPERS Deposits</b>														
CERBT Account (OPEB)							\$15,000,000	\$15,000,000	N/A	\$17,240,078		N/A	N/A	\$17,240,078
<b>Subtotal CalPERS Deposits</b>							\$15,000,000	\$15,000,000		\$17,240,078				\$17,240,078
<i>CERBT Strategy 3 Performance as of May 31, 2019 based on 1 Year Net Return was 4.37%.</i>														
<b>Escrow Deposits</b>														
Genesis Construction Escrow							\$78,394	\$78,394	N/A	\$78,394		N/A	N/A	\$78,394
Stanek Contractors Escrow							42,767	42,767	N/A	42,767		N/A	N/A	42,767
<b>Subtotal Escrow Deposits</b>							\$121,161	\$121,161		\$121,161				\$121,161
<b>Total Restricted Deposits</b>							\$98,457,418	\$98,457,418		\$100,697,496				\$100,697,496
<b>Total Cash, Investments, and Restricted Deposits as of June 30, 2019</b>							\$255,264,033	\$254,078,465		\$256,605,359				\$258,566,869

**INLAND EMPIRE UTILITIES AGENCY**  
**Cash and Investment Summary**

Month Ended  
June 30, 2019

**June Purchases**

No.	Date	Transaction	Investment Security	Type	Par Amount Purchased	Investment Yield to Maturity
1	06/03/19	Buy	US Treasury Note	TB	\$2,345,000	1.90%
					<b><u>\$ 2,345,000</u></b>	

**June Investment Maturities, Calls & Sales**

No.	Date	Transaction	Investment Security	Type	Par Amount Matured/Sold	Investment Yield to Maturity
1	06/04/19	Matured	US Treasury Bill	TB	\$1,513,000	2.29%
2	06/03/19	Sell	Fannie Mae Note	GSE	850,000	1.25%
<b>Total Maturities, Calls &amp; Sales</b>					<b><u>\$ 2,363,000</u></b>	

**INLAND EMPIRE UTILITIES AGENCY**  
**Cash and Investment Summary**

Month Ended  
June 30, 2019

**Directed Investment Category**

	<b>Amount Invested</b>	<b>Yield</b>
CBB Repurchase (Sweep)	\$6,242,498	1.100%
LAIF - Unrestricted	21,665,351	2.428%
CAMP - Unrestricted	36,220,463	2.480%
Brokered Certificates of Deposit	3,864,746	3.124%
Medium Term Notes	15,076,304	3.032%
Municipal Bonds	999,788	1.753%
Commercial Paper	1,016,685	3.070%
US Treasury Notes	46,170,797	2.586%
U.S. Government Sponsored Entities	24,203,928	2.644%
<b>Total Investment Portfolio</b>	<b>\$155,460,560</b>	
<b>Investment Portfolio Rate of Return</b>		<b>2.543%</b>

**Restricted/Transitory/Other Accounts**

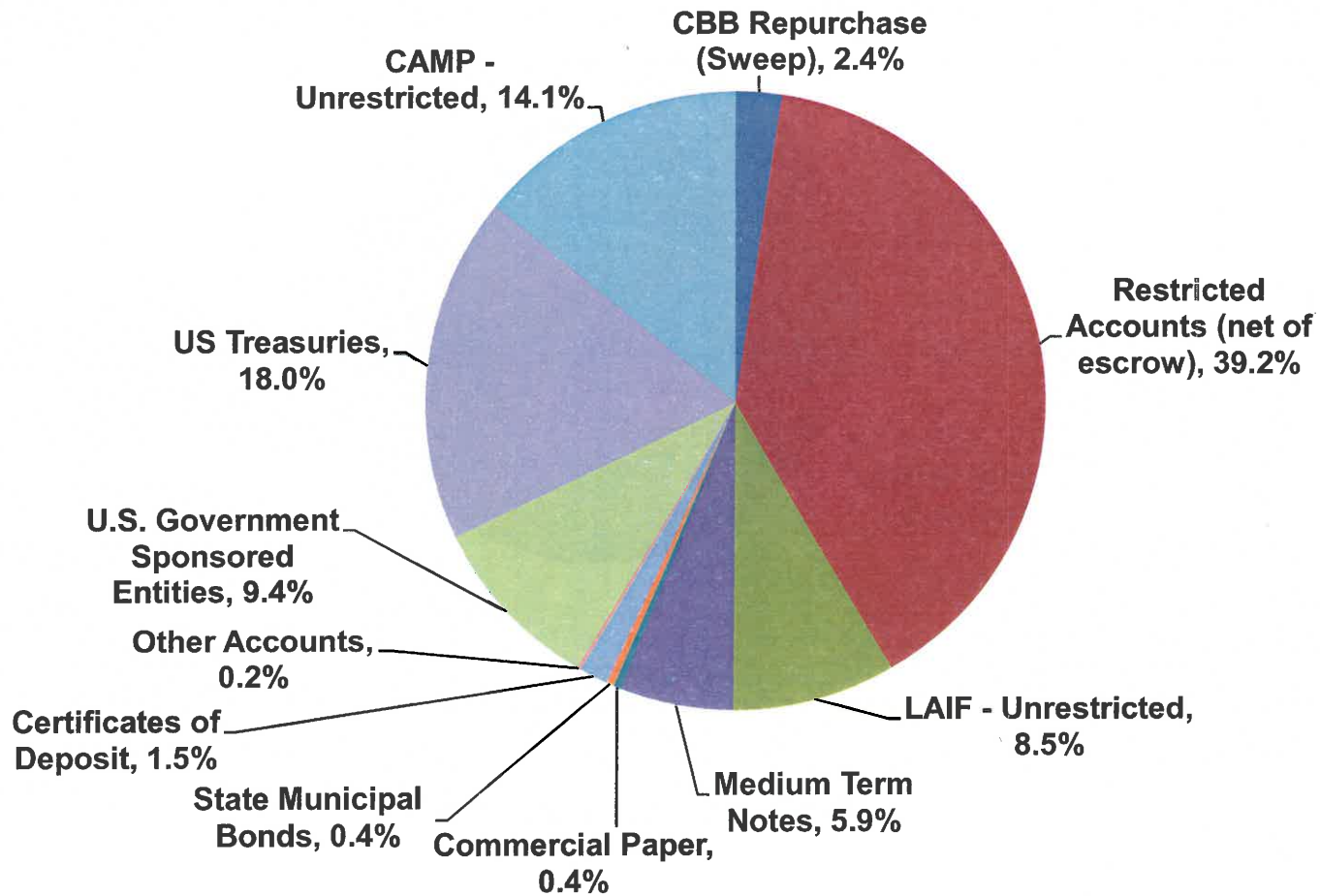
	<b>Amount Invested</b>	<b>Yield</b>
CCRA Deposits Held by Member Agencies	\$60,318,973	N/A
CalPERS OPEB (CERBT) Account	17,240,078	N/A
CAMP Restricted Water Connection Reserve	14,137,212	2.480%
LAIF Restricted Insurance Reserve	6,273,633	2.428%
US Bank - 2008B Debt Service Accounts	2,605,923	1.790%
US Bank - 2010A Debt Service Accounts	3	0.340%
US Bank - 2017A Debt Service Accounts	513	0.300%
US Bank - Pre-Investment Money Market Account	597,909	1.850%
Citizens Business Bank - Demand Account	(201,512)	N/A
Citizens Business Bank - Workers' Compensation Account	48,656	N/A
Other Accounts*	2,250	N/A
Escrow Account	121,161	N/A
<b>Total Restricted/Transitory/Other Accounts</b>	<b>\$101,144,799</b>	
<b>Average Yield of Other Accounts</b>		<b>2.374%</b>

**Total Agency Directed Deposits**

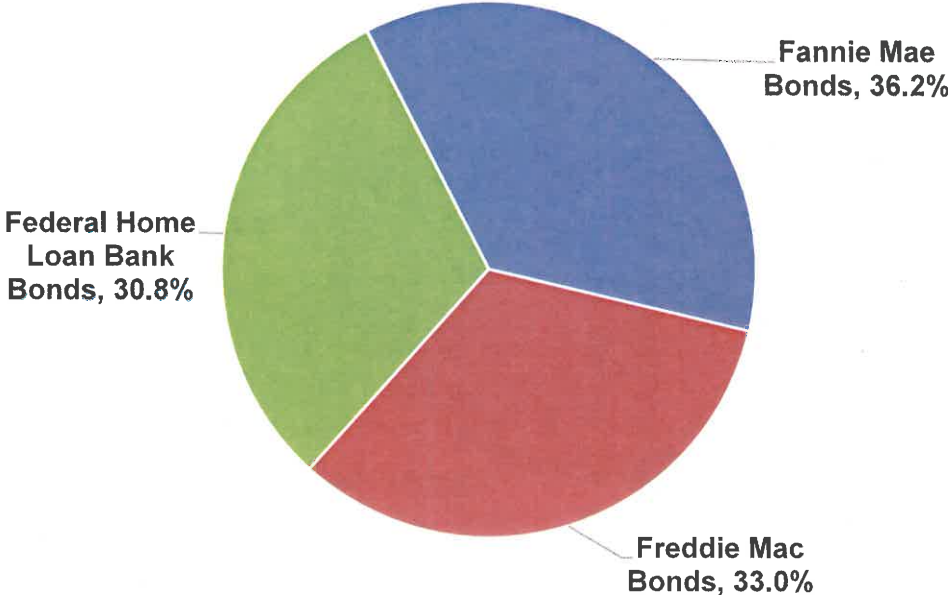
**\$256,605,359**

\*Petty Cash

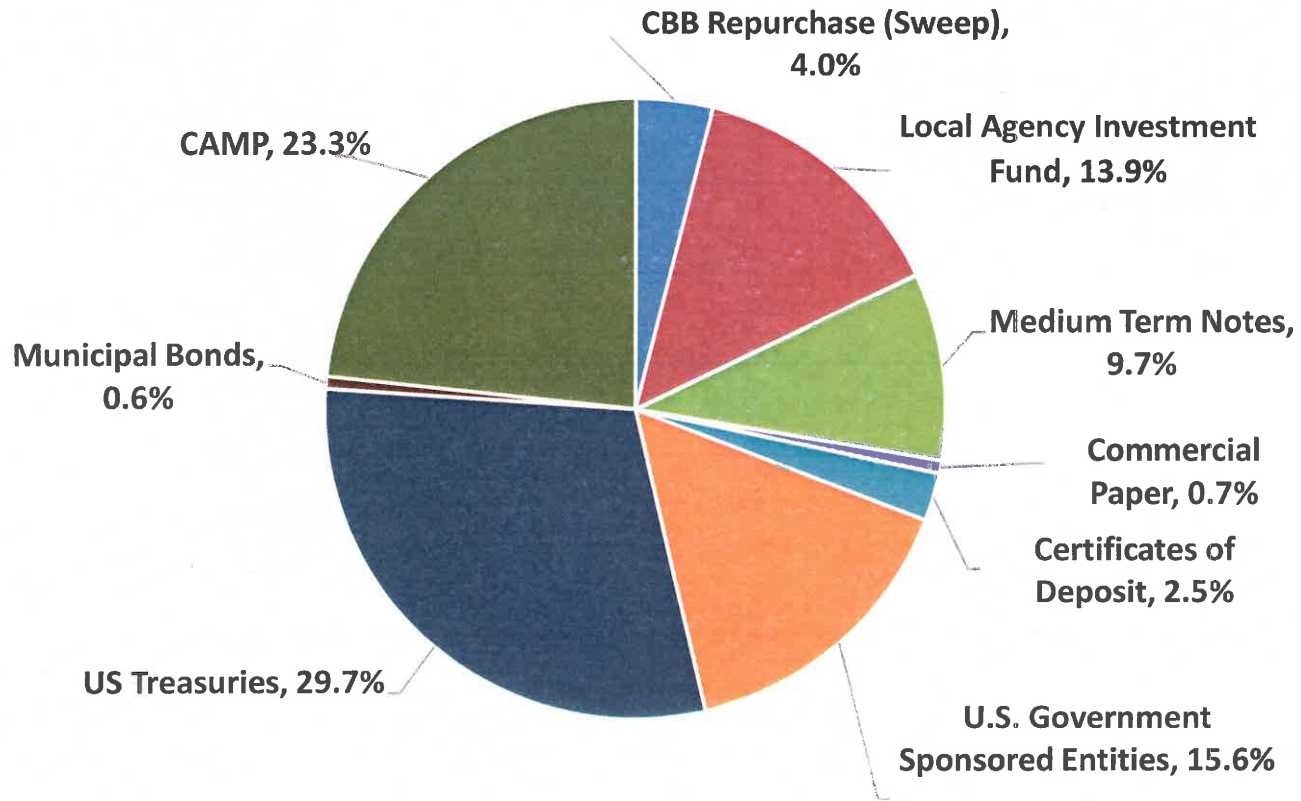
**Inland Empire Utilities Agency**  
**Treasurer's Report of Financial Affairs**  
Month Ended June 30, 2019  
Agency Investment Portfolio (Net of Escrow Accounts)  
**\$256,484,198**



***Inland Empire Utilities Agency***  
**Treasurer's Report of Financial Affairs**  
Month Ended June 30, 2019  
U.S. Government Sponsored Entities Portfolio  
**\$24,203,928**

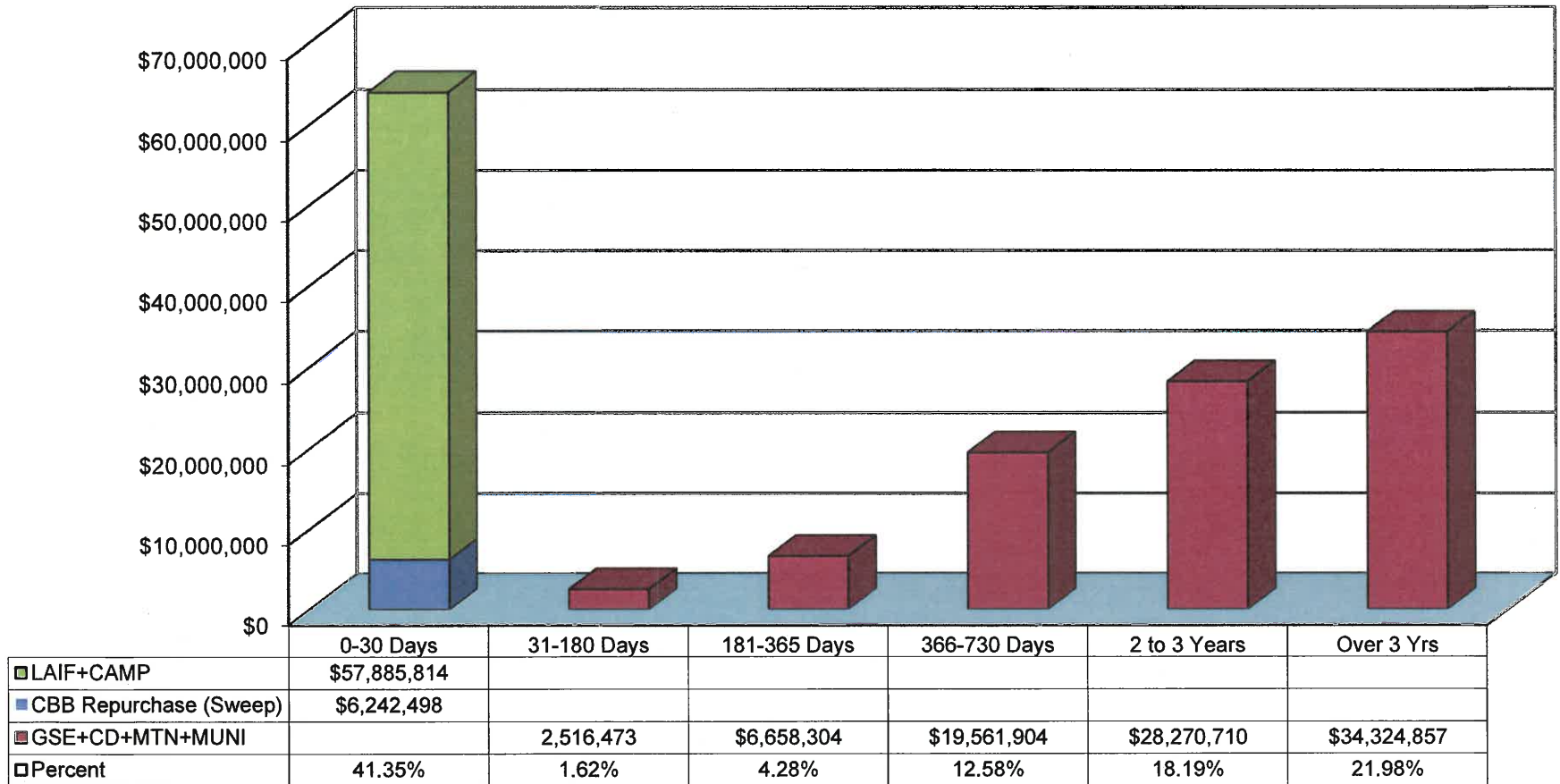


**Inland Empire Utilities Agency**  
**Treasurer's Report of Financial Affairs**  
Month Ended June 30, 2019  
Unrestricted Agency Investment Portfolio  
\$155,460,560

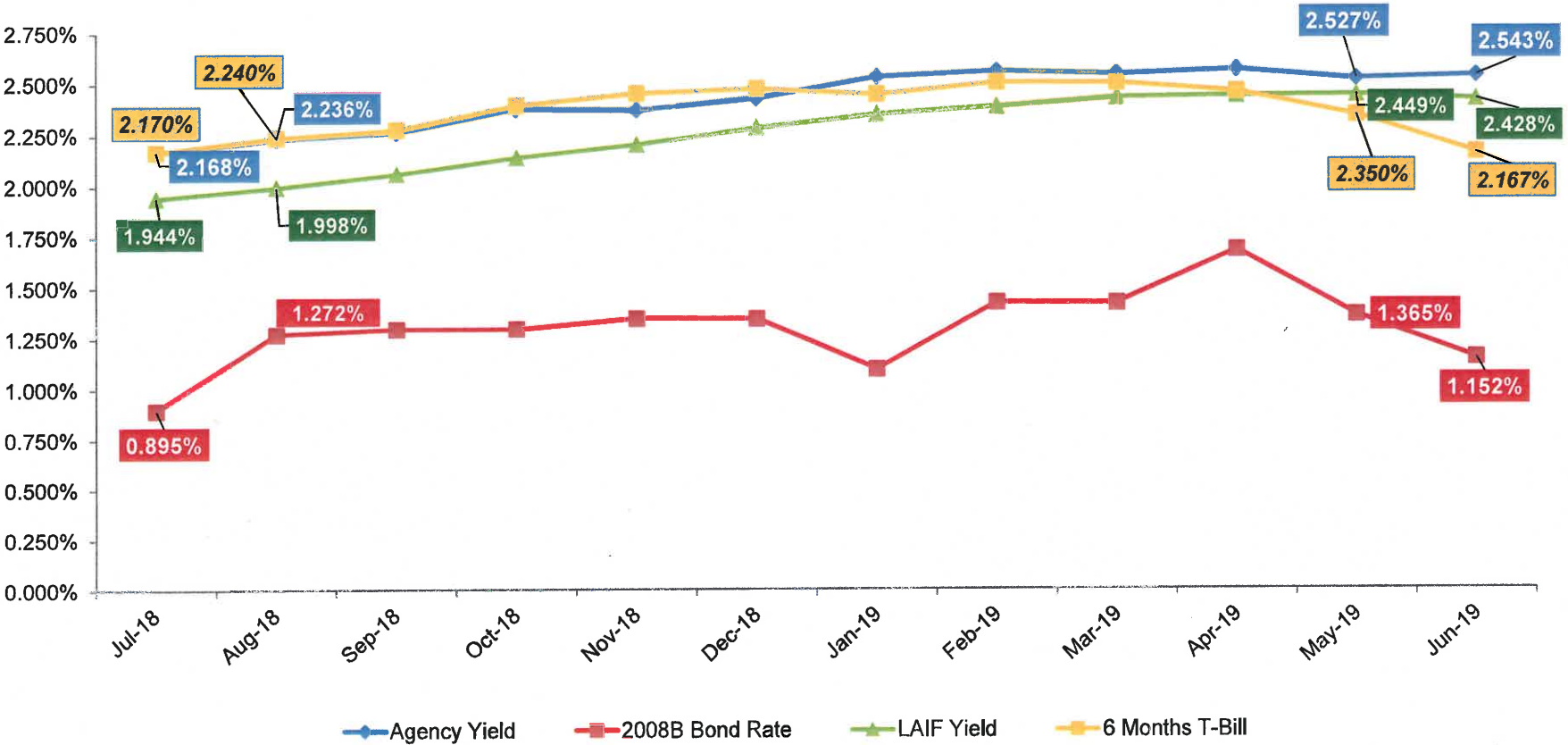




**Inland Empire Utilities Agency**  
**Treasurer's Report of Financial Affairs**  
 Month Ended June 30, 2019  
 Agency Investment Portfolio Maturity Distribution (Unrestricted)  
**\$155,460,560**



**Inland Empire Utilities Agency  
Treasurer's Report of Financial Affairs**  
Month Ended June 30, 2019  
Agency Investment Portfolio Yield Comparison



INFORMATION  
ITEM

**4G**



**Date:** August 21, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager

**Committee:** Community & Legislative Affairs

ASD  
08/14/19

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

**Subject:** Public Outreach and Communication

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**Executive Summary:**

IEUA staff promoted Smart Irrigation Month in July. Hose nozzles were available for residents within IEUA's service area. Residents who followed IEUA on one of the Agency's social media platforms received an outdoor water saving kit as well. Marketing and outreach focused on smart irrigation tips were distributed through a press release, social media and advertisements.

August is recognized as Water Quality Month. Staff will be highlighting the importance of a high-quality water supply as well as featuring the Agency's new lab. Outreach will be conducted through social media channels.

Staff has reviewed the Garden in Every School® applications. Three schools have been selected for site evaluations that will take place in early September. The three selected schools are: Randall Pepper Elementary (Fontana), Loving Savior (Chino Hills), and St. Joseph (Upland).

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**Staff's Recommendation:**

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

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

*Account/Project Name:*

*Fiscal Impact (explain if not budgeted):*

**Prior Board Action:**

N/A

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**Environmental Determination:**

Statutory Exemption

N/A

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**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.

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**Attachments:**

Attachment 1 - Background

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## Background

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Subject: Public Outreach and Communication

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### August

- Water Quality Month
- August 7, Blood Drive, 8:00 a.m. – 1:00 p.m., HQB Event Room
- August 9, San Bernardino County Water Conference, 7:30 a.m. – 9:00 a.m. (Registration, Breakfast and Networking); 9:00 a.m. – 1:00 p.m. (Conference), DoubleTree Hotel-Ontario: 222 North Vineyard Avenue, Ontario

### September

- September 19, IERCF and RP-4 Battery/Solar Project Dedication, Time and Exact Location TBD
- September 24, IEUA Leadership Breakfast: Keynote: Karla Nemeth, Director of the California Department of Water Resources, 8:00 a.m. – 9:30 a.m., DoubleTree Hotel: 222 N. Vineyard Avenue, Ontario.

### October

- National Energy Awareness Month
- October 5-12, Water Professionals Appreciation Week
- October 12, Landscape and Water Conservation Fair, 10:00 a.m. – 2:00 p.m., Waterwise Community Center: 4594 San Bernardino Street, Montclair

### Media and Outreach

- IEUA staff promoted *Smart Irrigation Month* in July. Hose nozzles were available for residents within IEUA's service area. Residents who followed IEUA on one of the Agency's social media platforms received an outdoor water saving kit as well. Marketing and outreach focused on smart irrigation tips were distributed through a press release, social media and advertisements.
- August is recognized as Water Quality Month. Staff will be highlighting the importance of a high-quality water supply as well as featuring the Agency's new lab. Outreach will be conducted through social media channels.
- Staff is working on the development of an Agency video that features Regional Water Recycling Plant No. 5 and highlights the treatment process.
- A *Kick the Habit* ad ran in the *Champion's Healthy Living* section on July 20.
- A *Smart Irrigation Month* ad ran in the *La Opinion* on July 19.
- A *Kick the Habit* ad will run in the *IE Magazine* September issue.
- A *Kick the Habit* ad will run in the *IE Magazine* October issue.
- The *Kick the Habit* digital banner ad continues to run in the *Fontana Herald News*.
- July: 11 posts were published to the IEUA Facebook page, 11 posts were published to IEUA's Instagram and 11 tweets were sent on the @IEUAWater Twitter handle.

- The top three Facebook posts, based on reach and engagement, in the month of July were:
  - 7/17: Solar Cup Board Meeting
  - 7/3: Independence Day Office Closure
  - 7/2: First Hose Nozzle Post
- The top three tweets, based on reach and engagement, in the month of July were:
  - 7/30: Add a Splash of Color and Save a Splash of Water Post
  - 7/17: Solar Cup Board Meeting
  - 7/4: Independence Day Office Closure
- The top three Instagram posts, based on reach and engagement, in the month of July were:
  - 7/17: Solar Cup Board Meeting
  - 7/2: First Hose Nozzle post
  - 7/24: Second Hose Nozzle post

For the month of July, there were 8,203 searches for a park in IEUA's service area on Yelp, where Chino Creek Wetlands and Education Park was viewed 622 times on a mobile device.

#### Education and Outreach Updates

- Staff has reviewed the Garden in Every School® applications. Three schools have been selected for site evaluations that will take place in early September. The three selected schools are: Randall Pepper Elementary (Fontana), Loving Savior (Chino Hills), and St. Joseph (Upland).

**INFORMATION  
ITEM**

**4H**



July 30, 2019



**West Coast Advisors**  
Strategic Public Affairs

**To:** Inland Empire Utilities Agency

**From:** Michael Boccadoro  
Beth Olhasso  
Maddie Munson

**RE:** July Report

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**Overview:**

The legislature is on a four-week summer recess after working to move hundreds of bills through the final policy committees of the year. While some big issue bills were successfully passed, including safe and affordable drinking water and utility response to wildfires, other bills did not fare as well. Still, hundreds more will need to be dispensed within the final month of the legislative session when members return on August 12. SB 1 (Atkins, San Diego) continues to be the biggest bill left for the water community. The pro Tem's staff is still unwilling to remove provisions that could jeopardize the voluntary settlement agreements. The coalition opposed to the bill has spent significant time with the administration on the issue in the hopes that administration officials can convince the pro Tem that her bill would have significant negative consequences on the voluntary agreements, a key water policy for the Newsom Administration.

Per- and Polyfluoroalkyl Substances (PFAS) is the hottest topic within the Sacramento water community lately. The SWRCB Division of Drinking Water (DDW) is proposing to change the Notification and Response Levels for PFAS without a public process. These chemicals are prevalent in groundwater and recycled water and are extremely difficult to remove. DDW has agreed to work with water, wastewater and recycled water stakeholders this fall as they develop new Response Levels.

Water managers across the state continue to await the release of the highly anticipated Biological Opinions and the new operational criteria for the Central Valley Project and the State Water Project. Some anticipated a July 1 release for the BiOps but after the Trump Administrations added new biologists and attorneys to the team, the release has been delayed another two months. In the meantime, the Bureau of Reclamation has released the draft environmental impact statement for the project operations and will be taking public comment for 45 days.

The Newsom Administration made some long-awaited announcements, reappointing Karla Nemeth as Department of Water Resources director and Chuck Bonham as director of the Department of Fish and Wildlife. Newsom also named Marybel Batjer as the replacement for California Public Utilities Commission President Michael Picker.

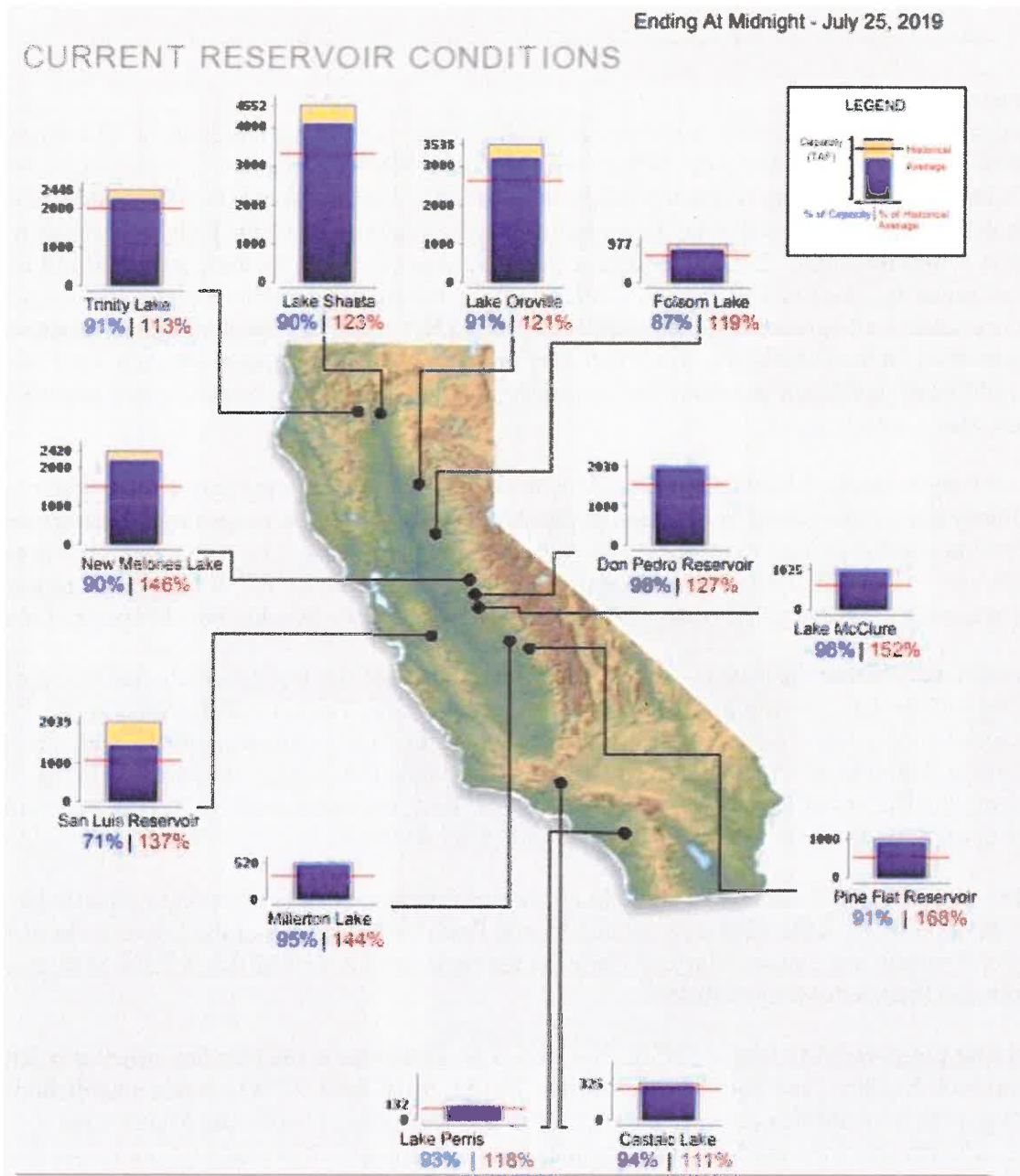
Addressing utility liability from wildfires has been a persistent topic the past few years as wildfires ravished both Northern and Southern California. The SB 901(Dodd, 2018) process established a "stress test" to govern how utilities can recover costs from 2017 wildfires (Tubbs and Mendocino Complex/North Bay fires in PG&E and Thomas fire in SCE). AB 1054 (Holden) addresses fires in

2019 and beyond, hoping to create a more stable economic environment and reduce the liability caused by worsening fire conditions and irresponsible utilities that have allowed their infrastructure to deteriorate.

## Inland Empire Utilities Agency Status Report – July 2019

### *Water Supply Conditions*

With warming summer temperatures comes snowpack melt. After a robust winter and spring, all major reservoir levels remain well above the average for this time of the year and many are near capacity.



Late in the water year, the Bureau of Reclamation decided to increase the Central Valley Project south of Delta contractors' allocations to 75 percent. State Water Project contractors remain at 75 percent. The limited allocations despite significant available supplies, are a vivid reminder of the problems with California's water supply system.

### ***Per- and Polyfluoroalkyl Substances (PFAS)***

The SWRCB Division of Drinking Water (DDW) quietly tried to change the Notification and Response Levels for PFAS. When DDW was under the CA Department of Public Health they could make changes to notification and response levels for substances without having to go through a public process, mostly because there was no decision-making body at CDPH. When DDW got brought over to the SWRCB, they retained those powers, even though they are now under the governance of state board members.

PFAS chemicals are generally used in cookware (non-stick pans), food packaging, polishes, waxes, paints, textiles, clothing, cleaning products, firefighting foam and many other commonly used products. PFAS can easily move through soil and into groundwater aquifers and are not known to breakdown in the environment. They are found in groundwater, recycled water and drinking water.

In 2016 the US EPA established a drinking water health advisory of 70 PPT. For context, 70 PPT would be similar to filling the Rose Bowl full of water and adding just a few drops of PFAS. In February of this year, the EPA released a PFAS Action Plan which calls for continued research and improving methods of detection.

There are three treatment methods for PFAS. Activated carbon works on the longer PFAS chains, but isn't proving to work on the shorter chains. Ion exchange and reverse osmosis are the other two treatment methods currently under study.

Controlling and eliminating PFAS has been a nation-wide movement, with over 30 states passing regulations or legislation to deal with the issue. California has started down the regulatory path with DDW quietly and without public notice proposing new notification and response levels for PFAS in the state. IEUA joined many other agencies in asking DDW to delay their new rules until a more robust public discussion could occur.

DDW agreed to delay the Response Level changes until October, but is likely to announce new Notification Level levels any day. Notification Levels do not require general public notification, only notification in the annual consumer confidence report. A bill on the Governor's desk, AB 756 (C. Garcia D- Bell Gardens) increases the public outreach requirements significantly should a Response Level be triggered.

There is significant concern that tertiary treated water could trigger a Response Level, should the levels be dropped, requiring the agency to either take the water out of production or increase treatment levels to take out the PFAS before use in purple pipe or recharged into the ground.

The water community is now extremely engaged in the issue. The issue has been elevated to Secretaries Blumenfeld and Crowfoot, the legislature, and the SWRCB members. WCA is actively participating in efforts to ensure there is a robust public process as the Response Level regulations are developed and will work with IEUA management and staff as the process moves along.

### ***Water Bond Proposal Filed with Secretary of State***

Joe Caves, with Conservation Strategy Group, recently filed a nearly \$9 billion water bond initiative with the Secretary of State: Wildfire Prevention, Safe Drinking Water, Drought Preparation and Flood Protection Bond Act of 2020. [Click for full text](#)

The bond has six chapters/broad funding areas:

- Chapter 3: \$3.5 Billion for wildfire prevention and community resilience from climate change impacts
- **Chapter 4: \$2.2 Billion for safe drinking water, protecting water supply and water quality from climate change (see below for details on this chapter)**
- Chapter 5: \$975 million for protecting fish and wildlife from climate risk
- Chapter 6: \$200 million for protecting agricultural land from climate risk
- Chapter 7: \$770 million for protecting coastal lands, bays and oceans from climate risk
- Chapter 8: \$230 million for climate resilience, workforce development and education

### **Chapter 4- Safe Drinking Water, Protecting Water Supply and Water Quality from Climate Risks- \$2.2 Billion**

- \$600 million for water supply and water quality. Includes groundwater projects to reduce contaminant loading to groundwater or dilute existing groundwater contamination, among other
- \$200 million for groundwater sustainability projects that provide wildlife habitat and support implementation of SGMA
- \$500 million for the protection and restoration of rivers, lakes and streams to improve climate resilience, water supplies, water quality and other benefits
- \$500 million for multi-benefit flood management
- \$400 million for recycled water

The proponents would need to gather over 600,000 valid signatures to qualify the measure for the 2020 ballot. There is some discussion that the introduction is an attempt to broaden SB 45 (Allen) to include more water funding. SB 45 is currently focused on wildfire, drought and flood protection. SB 45 is still in the Senate and is unlikely to move in the final month of the legislative session, but it is likely that discussions on this matter will occur during the interim, before the legislature returns in January.

### ***Federal Fishery Officials Move Closer to Updated Project Operation Criteria***

The U.S. Bureau of Reclamation (Bureau) has been working to update the operational criteria of the Central Valley Project and coordination with the State Water Project, in accordance with the National Environmental Policy Act (NEPA). As an important step in the process, the Bureau released a [draft environmental impact statement on the project operations](#) with updates to temperature management at Shasta Dam, habitat and salinity measures in the Sacramento-San Joaquin Delta and management of fish entrainment at the state and federal pumps in the South Delta. [In a release](#), the Bureau stated, “these proposed actions aim to give water operators more flexibility to deliver water, optimize power generation and protect threatened and endangered species.”

The Bureau is seeking public comment on the report for the next 45 days at listening sessions and through written comments.

Because the action will affect species listed under the Endangered Species Act (ESA), the Bureau must consult with the National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (USFWS). In accordance with both the ESA and NEPA, the federal fisheries agencies have

been working to update the decade old Biological Opinions for both Salmon and Smelt that largely dictate the operational criteria and the actions the Bureau is allowed to take. President Trump issued an Executive Order last October to expedite the process, requesting new BiOps and operational criteria by this Summer.

Many involved in the process had projected a July 1 release for the BiOps. However, with the complex nature of the peer reviewed, scientific documents and outside criticism have delayed the release.

[KQED reported](#) that federal biologists were set to release the documents, but just days before the Trump administration brought in additional lawyers, administrators and biologists to “refine” and “improve” the BiOps, delaying their release for another two months. Environmental groups have been publicly critical of the legitimacy of the pending scientific findings.

### ***Newsom Appoints Key Water and Energy Officials***

Governor Newsom made the long-awaited announcement of who will lead the Department of Water Resources and the Department of Fish and Wildlife under his administration. Newsom opted to reappoint Karla Nemeth as director of DWR and Chuck Bonham as director of CDFW. Both Nemeth and Bonham were originally appointed during the Brown administration. Nemeth’s prior experience has made her intimately aware of the Delta and various efforts to improve conveyance. She has been seen as an ally to the water user community. Both she and Bonham have also been working closely on the voluntary agreements.

Newsom also announced the much anticipated replacement for CPUC President Michael Picker, who announced his retirement earlier this year. During the signing ceremony for AB 1054 (Holden) the Governor announced that [Marybel Batjer will take over the post](#). Batjer is currently serving as the Secretary of the California Government Operations Agency, a role Newsom created to modernize government processes, including the ongoing issues at the DMV. Batjer will complete her work this month as the head of the DMV Strike Team before taking over at the CPUC. While Batjer’s resume does not include a lot of work with energy or water utilities, she is known for implementing and reforming complicated corporate and governmental structures. She has previously worked in the administrations of President Ronald Reagan, Governor Arnold Schwarzenegger and Nevada Governor Kenny Guinn.

### ***Wildfire Liability Update***

There are two, possibly three, separate tracks for addressing liability from catastrophic wildfires in recent years. The SB 901(Dodd, 2018) process established a “stress test” to govern how utilities can recover costs from 2017 wildfires (Tubbs and Mendocino Complex/North Bay fires in PG&E and

Thomas fire in SCE). AB 1054 (Holden, 2019) addresses fires in 2019 and beyond. Leaving a gap for 2018 which includes the Camp Fire in PG&E and the Woolsey Fire in SCE. A summary of each process follows:

#### **SB 901 Stress Test- 2017 Wildfires**

The CPUC recently adopted the cost recovery mechanism for utilities to recover costs from 2017 wildfires. Under the stress test, the CPUC considers a utility’s financial situation when reviewing applications to recover wildfire-related costs. It caps shareholder exposure to wildfire liability by ensuring that costs allocated to shareholders would not damage the utility’s ability to provide service.

Essentially, the CPUC would calculate the IOUs ability to take on liability and additional debt while still maintaining an investment-grade credit rating. As discussed in previous reports, the now final decision on the Stress Test precludes PG&E from benefiting from under the process while they are in bankruptcy. PG&E sharply criticized their exclusion, noting that the stress test could help resolve liabilities from the North Bay wildfires allowing it to more easily and effectively emerge from bankruptcy.

While the stress test decision at the CPUC was unanimous, several members of the commission articulated the same concerns raised in the proceeding. Most notably that there is serious concern that the stress test could shift significant liability to ratepayers.

### 2018 Camp Fire and Woolsey Fire

The one hole in all the legislative and regulatory action is for 2018 liability. While the Camp Fire liability is wrapped up in the PG&E bankruptcy, the liability from Woolsey Fire in SCE territory is left out of the SB 901 stress test and not covered under recently adopted AB 1054 rules for 2019 and beyond. Legally, this leaves 2018 under the old rules of strict liability/inverse condemnation for SCE. Liability from the Camp Fire, which all signs point to PG&E being liable and likely negligent in, will be considered in the bankruptcy proceeding. AB 1054 requires PG&E shareholders to cover that liability as part of the eventual emergence from bankruptcy.

### AB 1054 (Holden) 2019 and beyond

On July 11, the California Assembly provided the final legislative approval of a complicated bill responding to recent utility caused catastrophic wildfires, with a vote of 63-8. After several months of legislative hearings and debate, the Governor's office and a handful of legislators revealed the lengthy bill and quickly moved the bill through the process. Quick action was deemed necessary because of the Governor's self-imposed July 12th deadline in hopes that the legislation would prevent another credit downgrade for the state's two major Investor Owned Utilities that are not currently in bankruptcy.

The lively debate on the Assembly floor recognized the cost implications to ratepayers. Several members, including the authors of the bill, committed to work with the Governor on follow up measures that would help to mitigate the impacts of rising electricity rates on commercial and industrial ratepayers, including water agencies.

Almost immediately after the bill's passage by the Assembly, the [Governor issued a statement](#) thanking and congratulating the legislature on their work on the issue and signed the bill on July 12.

### Summary

AB 1054 includes numerous provisions related to addressing wildfires caused by utility infrastructure:

- Bolster safety oversight
- Recover costs from damages to third parties
- Establish \$21+ billion dollar wildfire fund to address future damages
- Provide utility employee protection
- Limit ratepayer exposure to PG&E liability during bankruptcy
- Only applicable to wildfires in 2019 and beyond

### Safety Oversight

AB 1054 requires the state's three main investor owned utilities (IOUs), PG&E, SCE AND SDG&E to make \$5 billion in aggregate safety investments (system hardening) without return on equity, thereby reducing the cost to ratepayers.

The measure also establishes the California Wildfire Safety Advisory Board (CWSAB), consisting of seven members to advise and make recommendations related to wildfire safety for both IOUs and public owned utilities (POUs).

#### Recovery of Costs

AB 1054 seeks to clarify the current “prudent manager” standard used to determine whether a utility can recover costs arising from a covered wildfire. The measure allows cost recovery if the costs and expenses are determined just and reasonable based on reasonable conduct by the electrical corporation. It considers factors both within and beyond the utility’s control, including humidity, temperature, and winds.

#### Wildfire Fund

AB 1054 establishes a Wildfire Fund to pay eligible claims arising from a covered wildfire. The fund will be jointly funded by utility shareholders and utility ratepayers. Utility shareholders will contribute \$7.5 billion initially and an additional \$3 billion over 10 years (\$300 million per year) to the wildfire fund. Ratepayer contributions will include a non-bypassable energy usage charge of \$0.005 (half cent/kWh) for 15 years to securitize \$10.5 billion for the wildfire fund. The total ratepayer charge equates to \$13.5 billion (or roughly \$900 million a year).

The measure requires utilities (shareholders) to repay monies to the fund when they are found imprudent with limits. Ratepayers will have no obligation to repay monies to the fund.

The measure limits insurance subrogation of liability to the fund, to not exceed 40% in utility caused fires where the utility acted prudently.

#### Utility Employee Protection

AB 1054 expands employee protection measures to include the sale of all or a material portion of the assets of the electrical corporation, including the voluntary or involuntary change in ownership of assets to a public entity (municipalization). The successor employer is required to maintain all wages, hours, and other benefits for three years for all employees.

#### PG&E Bankruptcy

AB 1054 requires PG&E to resolve all pre-bankruptcy claims and achieve a CPUC approved reorganization plan that is both consistent with the state’s climate goals and renewable portfolio standards and determined to be neutral to the ratepayers of the IOU. In other words, PG&E shareholders are responsible for all liability claims from 2017 and 2018 wildfires, a liability estimated at approaching \$30 billion.

#### Analysis

While the measure is far from perfect and costly from a ratepayer perspective, it appears to be a vast improvement over SB 901 enacted last year that left ratepayers exposed to significant ongoing liability costs. Under current law ratepayers are exposed to significant costs associated with

California’s strict liability standard for utility caused wildfires. Ratepayers are also currently exposed to significant costs relating to IOU credit rating downgrades due to wildfire risk that significantly increase utility borrowing costs. AB 1054 limits ratepayer exposure to \$13.5 billion and ensures utility shareholders are picking up a portion of liability moving forward.

### Fiscal Impact

\$0.005/kWh (half cent) for each kilowatt used for the next 15 years. This money will be refunded to the ratepayers if not used for wildfire liability.

### Indirect Fiscal Impacts

Ratepayers, including water agencies, will also face ongoing rate impacts associated with system hardening and wildfire mitigation efforts moving forward. However, at least \$5 billion of these costs will not include the normal IOU return on equity (ROE), which results in significant net savings of approximately \$2.5 billion. Ratepayer exposure to increased costs of borrowing are also reduced. Finally, ratepayer exposure under strict liability is limited to \$13.5 billion statewide.

### *Legislative Update*

The legislature spent the first two weeks of July feverishly pushing bills through their second house policy committees before the deadline and the start of summer recess. Members are in their districts from July 12 to August 12 when they will return to Sacramento for the final month of the 2019 legislative session.

### Clean, Safe and Affordable Drinking Water:

After several years of negotiation, a safe drinking water package was passed by the legislature and signed by the Governor. As reported in detail in previous reports, the negotiations between the two houses got a little messy, but ultimately, a deal was reached. Part of the deal was included in the FY 2019-2020 budget and second part was in SB 200 (Monning) which was signed by the Governor on July 24.

The final compromise approved by the conference committee:

- FY 19-20—in main budget bill
  - \$100 million in Greenhouse Gas Reduction Funds for Safe Drinking Water
  - \$30 million General Fund for Safe Drinking Water
- FY 2020-FY 2035- In SB 200
  - 5% GGRF continuous appropriation from GGRF
  - General fund backstop if GGRF does not produce \$130 million
  - \$130 million cap
- \$3.4 million General Fund for SWRCB administrative costs

With the passage of these measures, the state will now refocus its efforts on the Low Income Water Rate Assistance (LIRA) program at the State Water Resources Control Board. Implementation of this program was on hold while the safe drinking water issue was worked out at the legislature, but is expected to pick back up again soon.

The LIRA program looks to address rate assistance for low income customers, similar to the CARE program on the electric side. There have been several ideas outlines for how to pay for this type of program including a water tax, general fund, and a bottled water tax. WCA will work with agency staff to keep the Board informed as activities surrounding LIRA heat up.

*SB 414 (Caballero): Small System Water Authority Act of 2019:* SB 414 is Eastern Municipal Water District's re-introduction of AB 2050 (Caballero) from 2018. The bill seeks to address the drinking water issue by enhancing long-term sustainable systems. SB 414 looks at how to manage districts with failing water systems and establish a new category of public water agency by way of merging formerly non-compliant drinking water systems in order to sustainably provide the technical, managerial, and



financial capabilities necessary to ensure the consistent delivery of safe drinking water. A similar measure was vetoed in 2018. The bill got tied to the Senate package for safe and affordable drinking water, but was ultimately not considered in the final package, so it is back on the regular policy committee track. The bill passed out of both the Environmental Safety and Toxic Materials Committee and the Local Government Committee in the Assembly and is now in Appropriations Committee.

#### Recycled Water:

*AB 292 (Quirk):* AB 292 builds on previous legislation, AB 574 (Quirk, 2017) which IEUA supported, and recent work by the SWRCB to remove the terms “direct potable reuse” and “indirect potable reuse” in state code in order to better align the terms with how the water agencies are using recycled water. AB 574 (Quirk) created four distinct types of potable reuse projects – “Indirect Potable Reuse for Groundwater Recharge”, “Reservoir Water Augmentation”, and Direct Potable Reuse, which includes two subcategories, “Raw Water Augmentation” and “Treated Drinking Water Augmentation.” With the more precise definitions added by AB 574, the terms “indirect” and “direct” only add to confusion about potable reuse and proposed projects. The term “Direct Potable Reuse” also implies that purified recycled water is going directly into the drinking water supply, which is not the case with Raw Water Augmentation projects. For example, opponents of a groundwater recharge project in the

Central Coast incorrectly labeled the project “Direct Potable Reuse” and the confusion in the statute made this difficult to correct. This bill is sponsored by WaterReuse California. The bill passed out of the Assembly without a single no vote. Senate Environmental Quality also passed the bill out unanimously and the measure passed out of the Natural Resources and Water Committee. It awaits action in the Senate Appropriations Committee.

*AB 1180 (Friedman):* AB 1180 will require the SWRCB to update the state’s non-potable recycled water regulations by 2023. These regulations have not been revised since 2000. An update to these regulations, incorporating the knowledge and lessons learned from nearly two decades of non-potable water recycling, will help the state to achieve its ambitious goals for recycled water use. The bill also promotes recycled water use for dual plumbed building and for commercial, industrial and institutional

(CII) uses by requiring the Water Board, through its update of Title 17 backflow regulations, to include the use of a change over device, such as a swivel ell. This bill is also sponsored by WaterReuse. The bill passed out of the Assembly without a single no vote and was passed out of the Senate Environmental Quality Committee on June 5.

#### SB 1 (Atkins)

As previously reported, SB 1 by pro Tem Atkins, is an attempt to backstop any environmental regulations the Trump administration tries to roll back. The State Water Contractors and other water agencies have raised serious concerns about key provisions of the bill. A coalition of business (California Chamber of Commerce) and water interests has formed to try to secure amendments to address those concerns.

The main opposition argument is that the language would handcuff the CA Department of Fish and Wildlife (DFW) from being able to apply new science, new adaptive management practices or consider current hydrologic conditions, by locking in the current biological opinions, and incidental take permits in place as of January 19, 2017. It would also allow the state to add federally listed endangered species to the California Endangered Species Act, bypassing the whole public process.

Locking these permits in place would essentially end any discussion of voluntary agreements (VAs). The VA process began after the State Water Resources Control Board issued a draft plan for 40 percent unimpaired flows on the San Joaquin River (a second phase would consider unimpaired flows on the Sacramento River). Massive backlash led to the start of talks to create VAs. VA talks have been fruitful and are close to completion. The VAs will rely on a series of measures to sustainably manage flows, restore habitat and protect native species. If the 2017 rules are locked into place, the VAs could fall apart and the state would have to start at the beginning of the unimpaired flows process again.

The proponents of the bill, lead by the Defenders of Wildlife, are believed to be seeking these changes because they are unhappy with the VAs and because they would like to get two species, orca whales and steelhead trout, listed under the CA Endangered Species Act.

Because this bill is authored by the pro Tem, and clearly a top priority for her as it is the first bill introduced in the year, opponents know that defeating the bill is unlikely. The oppose unless amended coalition, including MWD, ACWA and the State Water Contractors, has offered a set of amendments that would take care of their opposition without compromising the pro Tem's goal of protecting California from of federal rollback on environmental regulations. The Newsom administration has gotten involved because of the implications for the VAs and is trying to bring parties together to come up with a solution.

The bill has moved through the Assembly fairly easily. At this point in the legislative process it seems the only way to get the necessary changes is with the help of the Administration, which has a vested interested in seeing the VAs succeed. The coalition working to get the necessary amendments is meeting with the proponents and the administration to secure those amendments. The administration seems to be understanding the implications this bill will have on the VAs. It is still unclear if they will put enough pressure on the pro Tem that she will amend the bill.

**IEUA BILL POSITIONS—July 30, 2019**

Bill Number	Author/Sponsor	Title and/or Summary	Summary	IEUA Position
AB 292	Quirk  WateReuse	Recycled water: raw water and groundwater augmentation	This bill would eliminate the definition of “direct potable reuse” and instead would substitute the term “groundwater augmentation” for “indirect potable reuse for groundwater recharge” in these definitions. The bill would revise the definition of “treated drinking water augmentation.”	SUPPORT  Sen. Appropriations Committee
AB 405	Rubio	<i>Sales and use taxes: exemption: water treatment</i>	<i>Would exempt from Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.</i>	SUPPORT  <i>Held in Approps</i>
AB 533	Holden  MWD	<i>Income taxes: exclusion: water conservation or efficiency programs: water runoff management improvement programs</i>	<i>This bill, for taxable years beginning on or after January 1, 2019, and before January 1, 2024, would provide an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a water service provider for any water conservation or efficiency program or water runoff management improvement program, as provided.</i>	SUPPORT  <i>Held in Approps</i>
AB 557	Wood	<i>Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program</i>	<i>Would appropriate \$9,250,000 from the General Fund to the Department of Water Resources in the 2019–20 fiscal year to operate the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.</i>	SUPPORT  <i>Held in Approps</i>
AB 654	Rubio	<i>Public records: utility customers: disclosure of personal information</i>	<i>Would authorize a local agency to disclose the name, utility usage data, and home address of utility customers to an officer or employee of another governmental agency when the disclosure is not necessary for the performance of the other governmental agency’s official duties but is to be used for scientific, educational, or research purposes, and the requesting agency receiving the disclosed material</i>	SUPPORT  <i>2- year bill</i>

**IEUA BILL POSITIONS—July 30, 2019**

			<i>agrees to maintain it as confidential in accordance with specified criteria.</i>	
AB 756	Christina Garcia	Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances.	Would authorize the State Water Resources Control Board to order a public water system to monitor for perfluoroalkyl substances and polyfluoroalkyl substances. The bill would require a community water system or a nontransient noncommunity water system, upon a detection of these substances, to report that detection, as specified. The bill would require a community water system or a nontransient noncommunity water system where a detected level of these substances exceeds the response level to take a water source where the detected levels exceed the response level out of use or provide a prescribed public notification.	OPPOSE  Governor's Desk
AB 841	Ting	<i>Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances</i>	<i>Would require the Office of Environmental Health Hazard Assessment to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.</i>	SUPPORT  2- Year Bill
AB 1180	Friedman  WateReuse	Recycled Water	The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires, on or before January 1, 2020, the state board to adopt standards for backflow protection and cross-connection control through the adoption of a policy handbook, as specified. This bill would require that handbook to include provisions for the	SUPPORT

**IEUA BILL POSITIONS—July 30, 2019**

			use of a swivel or changeover device to supply potable water to a dual-plumbed system during an interruption in recycled water service.	Senate Approps
AB 1194	Frazier	Sacramento-San Joaquin Delta: Delta Stewardship Council	Would increase the membership of the Delta Stewardship Council to 13 members, including 11 voting members and 2 nonvoting members	OPPOSE  2-year bill
AB 1204	Rubio  ACWA	Public water systems: primary drinking water standards: implementation date.	Would require the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. The bill would authorize the state board to delay the effective date of the primary drinking water standard adoption or amendment by no more than 2 additional years as necessary for capital improvements to comply with a maximum contaminant level or treatment technique.	SUPPORT  2-year bill
AB 1588	Gloria	Drinking water and wastewater operator certification programs	Current law requires the State Water Resources Control Board to issue a water treatment operator certificate and water distribution operator certificate by reciprocity to any person holding a valid, unexpired, comparable certification issued by another state, the United States, prescribed territories or tribal governments, or a unit of any of these. Current law requires the board to classify types of wastewater treatment plants for the purpose of determining the levels of competence necessary to operate them. This bill would require the board to evaluate opportunities to issue a water treatment operator certificate or water distribution operator certificate by reciprocity, or a wastewater certificate by examination waiver, to persons who performed duties comparable to those duties while serving in the United States military, as specified.	SUPPORT  Senate Appropriations Committee

**IEUA BILL POSITIONS—July 30, 2019**

AB 1672	Bloom  CASA	Product labeling: flushable products	Current law regulates the labeling requirements on various consumer products. This bill would express the intent of the Legislature to enact legislation to prohibit the sale or advertisement of any nonwoven disposable product labeled as “flushable” or “sewer and septic safe” if that product fails to meet specified performance standards.	SUPPORT  2-Year Bill
ACA 1	Aguiar-Curry	Local government financing: affordable housing and public infrastructure: voter approval	The California Constitution prohibits the ad valorem tax rate on real property from exceeding 1% of the full cash value of the property, subject to certain exceptions. This measure would create an additional exception to the 1% limit that would authorize a city, county, city and county, or special district to levy an ad valorem tax to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of public infrastructure, affordable housing, or permanent supportive housing, or the acquisition or lease of real property for those purposes, if the proposition proposing that tax is approved by 55% of the voters of the city, county, or city and county, as applicable, and the proposition includes specified accountability requirements.	SUPPORT  Assembly Floor
SB 1	Atkins  Defenders of Wildlife	California Environmental, Public Health, and Workers Defense Act of 2019	Current state law regulates the discharge of air pollutants into the atmosphere. The Porter-Cologne Water Quality Control Act regulates the discharge of pollutants into the waters of the state. The California Safe Drinking Water Act establishes standards for drinking water and regulates drinking water systems. The California Endangered Species Act requires the Fish and Game Commission to establish a list of endangered species and a list of threatened species, and generally prohibits the taking of those species. This bill would require specified agencies to take prescribed actions regarding certain federal requirements and standards pertaining to air, water, and protected species, as specified.	OPOSE UNLESS AMENDED  Assembly Appropriations Committee

**IEUA BILL POSITIONS—July 30, 2019**

SB 200	Monning	Safe and Affordable Drinking Water Fund	Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long term. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the board to fund grants, loans, contracts, or services to assist eligible recipients.	SUPPORT  Chartered
SB 204	Dodd  Delta Interests	State Water Project: Contracts	<i>Would require the Department of Water Resources to provide at least 10 days' notice to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature before holding public sessions to negotiate any potential amendment of a long-term water supply contract that is of project-wide significance with substantially similar terms intended to be offered to all contractors, or that would permanently transfer a contractual water amount between contractors.</i>	WATCH  2- year bill
SB 307	Roth  National Parks Conservation Association	Water conveyance: use of facility with unused capacity	This bill would prohibit a transferor of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin underlying desert lands, as defined, that is in the vicinity of specified federal lands or state lands to outside of the groundwater basin unless the State Lands Commission, in consultation with the Department of Fish and Wildlife, finds that the transfer of the water will not adversely affect the natural or cultural resources of those federal and state lands.	OPPOSE  Governor's Desk
SB 332	Hertzberg	Ocean Discharge	<i>Would declare, except in compliance with the bill's provisions, that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill would require each wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers to reduce the facility's annual flow as</i>	OPPOSE UNLESS AMENDED

**IEUA BILL POSITIONS—July 30, 2019**

	NRDC		<i>compared to the average annual wastewater discharge baseline volume, as prescribed, by at least 50% on or before January 1, 2030, and by at least 95% on or before January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction in overall volume discharge for the failure to meet these deadlines.</i>	<i>Held in Approps</i>
SB 414	Caballero  Eastern MWD/ CMUA	Small System Water Authority Act of 2019	Would create the Small System Water Authority Act of 2019 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2020, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance, for the period from July 1, 2018, through December 31, 2019, with one or more state or federal primary drinking water standard maximum contaminant levels, as specified.	SUPPORT  Assembly Appropriations Committee
SB 667	Hueso		Would require the Department of Resources Recycling and Recovery to develop, on or before January 1, 2021, and would authorize the department to amend, a 5-year needs assessment to support innovation and technological and infrastructure development, in order to meet specified organic waste reduction and recycling targets, as provided. The bill would require, on or before June 1, 2021, the department, in coordination with the Treasurer and the California Pollution Control Financing Authority, to develop financial incentive mechanisms, including, among other mechanisms, loans and incentive payments, to fund	SUPPORT IF AMENDED  Assembly Appropriations Committee



**IEUA BILL POSITIONS—July 30, 2019**

			and accelerate public and private capital towards organic waste diversion and recycling infrastructure.	
SB 669	Caballero  ACWA/CMUA	Safe Drinking Water Trust	Would establish the Safe Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the state board to administer the fund to assist community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those standards, as specified.	Held in Approps
AJR 8	Quirk	Invasive species: federal Nutria Eradication and Control Act of 2003	Would urge the United States Congress to specifically add California to the Nutria Eradication and Control Act of 2003 and to authorize an appropriation of \$4,000,000 to help the state implement a nutria eradication program.	SUPPORT  Chaptered

**INFORMATION  
ITEM**

**41**

**INNOVATIVE FEDERAL STRATEGIES, LLC**  
*Comprehensive Government Relations*

**MEMORANDUM**

**To:** Kathy Besser

**From:** Letitia White, Jean Denton, Drew Tatum, Shavenor Winters

**Date:** August 2, 2019

**Re:** July Monthly Legislative Update

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***Spending Agreement, Debt Ceiling Negotiations***

Over the course of the summer, Congress and the White House have been in ongoing negotiations to reach an agreement to increase government spending for two years and adjust the debt ceiling. An announcement that an agreement had been reached came on Monday, July 22.

With the final legislative text and corresponding budget tables quickly released for HR 3877, the Bipartisan Budget Act (BBA) of 2019, the House was able to consider the legislation before leaving for their August district work period. The BBA passed the House by a vote of 284-149 with 219 Democrats voting for the bill and 16 opposing it. 65 Republicans supported it and 132 voted against it. The Senate considered the measure on Thursday, August 1 and passed it by a vote of 67 to 28.

The legislation calls for offsetting \$77.4 billion of the spending increase, giving the Trump administration and Republicans about half of the savings they sought.

President Donald Trump announced the existence of the deal on Twitter, noting that it was a real compromise between the House, Senate, and White House.

The 2-year proposal calls for increasing the discretionary spending caps for fiscal years 2020 and 2021 above the levels set in the Budget Control Act of 2011. The compromise would increase fiscal 2020 spending limits on non-defense programs by \$24.5 billion over current levels, to \$621.5 billion. In addition, it would provide an extra \$2.5 billion to account for a census funding adjustment, not subject to the spending caps.

Another \$8 billion in non-defense spending would also be included in the Overseas Contingency Operations (OCO) account for both fiscal 2020 and fiscal 2021, as is currently the case.

Under the deal, defense spending caps for fiscal 2020 would be increased by \$19.5 billion over current levels, to \$666.5 billion. Another \$71.5 billion would be included in the OCO fund, an increase of \$2.5 billion over the current OCO level.

For fiscal 2021, which begins October 1, 2020, non-defense spending limits would be raised to \$626.5 billion. Defense spending caps would increase to \$671.5 billion, with another \$69 billion in the Department of Defense's contingency war account.

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In addition, the agreement suspends the debt ceiling for two years, through July 31, 2021, and no additional restrictions will be placed on the Treasury Secretary's extraordinary measures authorities. The Department of the Treasury is currently using extraordinary measures in order not to breach the debt ceiling since the suspension that had been in effect expired in March of this year.

The President signed the measure into law on Friday, August 2.

### ***Senate Releases Transportation Bill***

The Senate Environment and Public Works Committee approved by a vote of 21-0, its surface transportation reauthorization bill on Tuesday, July 30. The legislation would boost highway spending while streamlining environmental permitting and standing up new programs to address climate change. While the measure has bipartisan support in Congress, it's picked up outside detractors from the left and the right, who argue it does not do enough to break an increasingly unsustainable status quo.

The bill provides \$287 billion in highway spending from the Highway Trust Fund over five years, of which \$259 billion, or over 90%, is distributed to states by formula. The five-year funding level is more than a 27% increase above the current authorization (FAST Act) and will be the largest highway bill in history. The legislation maintains each state's share of highway formula funding and expands the flexibility and eligible uses of formula funds provided out of the Highway Trust Fund.

The panel's five-year draft bill would address climate change for the first time in such legislation, providing a \$1 billion grant program for electric vehicle charging stations and other alternative fuel vehicles, and congestion mitigation grants, in addition to the climate section.

The measure would provide \$4.9 billion over five years, through both formula and competitive grant funding, to help states improve the resiliency of their infrastructure to natural disasters and extreme weather. Under the measure, the Transportation Department would oversee interagency coordination and reviews required under the National Environmental Policy Act before issuing a single decision for the permitting process, signed by all relevant agencies, within two years,

The bill also increases funding for the Nationally Significant Freight and Highway Projects program, known as "INFRA," by providing \$5.5 billion over five years. The bill increases funding flexibilities, and prioritizes certain critical interstate projects. The bill increases the minimum amount (from 10 percent to 15 percent) of INFRA funds to go towards smaller projects. The bill sets aside \$150 million per year for a pilot program that prioritizes projects offering a higher non-federal match. The bill also creates new grant administration transparency requirements.

In addition, the legislation, is the first-ever surface transportation reauthorization to reference electric scooters. In a section about the creation of a "center of excellence" for new mobility and automated vehicles, the legislation clarifies that "new mobility" includes docked and dockless bicycles, as well as e-scooters and transportation network companies like Lyft and Uber.

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Finally, the bill codifies core elements of the “One Federal Decision” policy for highway projects including establishing: a 2-year goal for completion of environmental reviews; a 90-day timeline for related project authorizations; a single environmental document and record of decision to be signed by all participating agencies; and an accountability and tracking system managed by the Secretary of Transportation (Secretary). Project sponsors with the flexibility to apply the core elements of the “One Federal Decision” policy to highway projects that require an environmental assessment. The bill provides flexibility to the Department of Transportation (DOT) during the environmental review process, allowing the agency to set a schedule for projects, and limiting a possible extension request for other participating agencies to only one year. In addition, the bill requires the Secretary to provide a list of categorical exclusions applicable to highway projects to regulatory agencies and directs those agencies to publish a notice of proposed rulemaking to adopt relevant categorical exclusions within one year.

House Transportation Chairman Peter DeFazio (D-OR), who will lead the House’s bill, weighed in saying, the Senate bill “demonstrates bipartisan consensus on the need for resilient infrastructure, alternative fuel corridors, and serious efforts to reduce congestion.”

However, he also noted, “there is still a big question about how we pay for these investments.”

Committee members also considered a bill (S. 1992) to repeal almost \$7.6 billion in rescissions from the Federal Highway Administration scheduled under the FAST Act (Public Law 114-94) for July 2020. The funds would then be available for use toward the new America’s Transportation Infrastructure Act. The measure was ordered to be reported out of committee on Tuesday, July 30.

The President tweeted in support of the legislation saying, “Senate is working hard on America’s Transportation Infrastructure Act...” He added that the measure would have a significant impact on highways and roads across the U.S.

### ***Legislation Introduced to Address Congressional Budget and Spending Process***

On Tuesday, July 30 Senate Budget Committee Chairman Mike Enzi (R-WY) released several proposals to fix America’s budget and spending process. The bill is based on feedback from hearings and meetings with members of Congress, state officials, the administration, and stakeholder groups. Chairman Enzi noted the proposals reflect suggestions from members of both sides of the aisle and from groups that span the political spectrum. He said these ideas are rooted in fixing “our broken budget and spending process” and are in favor of a system that works for everyone.

The measure includes four proposals focused on budget and spending process reform:

- The first proposal would re-orient the budget process around long-term planning and shift the federal government to a biennial budgeting and spending system.

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- The second proposal would boost congressional budget enforcement and help ensure that members of Congress and the leadership of each committee are held accountable for their fiscal decisions.
- The third proposal would ensure that the Congressional Budget Office (CBO) continues to serve a vital role in the budget and legislative processes by increasing transparency in the agency's estimating methods.
- The fourth proposal would improve how budget resolutions are considered on the Senate floor and would help ensure that the budget is considered in a deliberate but efficient manner.

Committee staff are expected to release the comprehensive proposals in September.

Previous efforts to significantly alter the process have failed to garner enough support to move through Congress. Most notably in 2018 the Joint Select Committee on Budget and Appropriations, which was formed as part of a previous budget cap deal, ended up scaling back major overhaul suggestions in favor of only one recommendation which was never considered by Congress.

### ***Senate Working to Strike Deal on Judges***

Senate leaders are preparing to put more federal judges on the bench before Capitol Hill shuts down for the August district work period.

Senate Majority Leader Mitch McConnell (R-KY) filed for cloture, or a limit on debate, for 19 judicial nominations. Notably, the list includes two who were first nominated by President Barack Obama and later re-nominated by President Donald Trump.

The Judiciary Committee has approved 46 judicial nominees that have not yet been confirmed. McConnell said he wants the U.C. agreement under discussion to include an unspecified, "significant" number of those.

Among the languishing nominations are judges that Obama nominated as far back as the summer of 2015 to serve in courts in New York, Maryland, and Rhode Island.

The Senate confirmed thirteen more judicial nominees before adjourning for the August district work period. Six other nominees are expected to get a vote once the Senate returns.

### ***Disaster Aid Reports***

Under legislation considered in the House, the Office of Management and Budget (OMB) would have to submit an annual report to Congress on all disaster-related assistance the federal government provided in the preceding fiscal year.

The measure, H.R. 1984, Disclosing Aid Spent to Ensure Relief Act, introduced by Rep. Scott Peters (D-CA) requires a report to accompany the president's annual budget request, beginning with the fiscal 2022 budget, and would have to be published on the OMB website.

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The report would cover costs from disaster response, recovery, and mitigation, as well as loans and administrative costs. It would break out spending by disaster, agency, and account. The bill's reporting requirements would cost less than \$500,000 annually, subject to appropriation, according to a cost estimate from the Congressional Budget Office.

Under the Budget Control Act of 2011 (Public Law 112-25), OMB calculates an allowable adjustment to annual discretionary spending caps based on a rolling average of disaster aid spending from the previous 10 years. Currently, the agency does not release a single annual estimate of disaster spending, according to Representatives Scott Peters (D-CA) and Mark Meadows (R-NC), the bill's sponsors. Eleven agencies and departments manage accounts that include disaster spending, according to the Transportation and Infrastructure Committee's report and analysis of the bill. The measure passed the House measure by a voice vote on Wednesday, July 24.

### ***House to Consider Energy—Water Integration Legislation***

Introduced by Rep. Eddie Bernice Johnson Chairwoman of House Science, Space, and Technology H.R.34, the Energy and Water Research Integration Act of 2019, the Department of Energy would be required to integrate water issues in its research and development programs.

The bill also would direct the department to establish a committee to improve data collection and reporting on the relationship between energy and water production, also known as the energy-water nexus.

About 45% of all water withdrawn from ground or surface sources in the U.S. is used for energy production, according to a 2015 U.S. Geological Survey report.

The measure would stipulate that it can't be construed to require state, local, or tribal governments to take any action that could increase "financial burden" by restricting its water use. The department would have to integrate water-related considerations into its various research, development, and demonstration programs. As part of that directive, it would have to advance technologies that consider the effects of "climate variability" on water supplies, minimize freshwater consumption, and increase water use efficiency.

A strategic plan to carry out the integration would have to be developed within one year of enactment, and would need to consider advanced cooling technologies and potential improvements to existing cooling systems; energy, renewable energy, and fuel production; water supply, treatment, reuse, and delivery; biomass production; carbon capture and storage; and microgrid systems that can provide energy and water resources in remote or disaster recovery areas.

The DOE would be required to coordinate and avoid duplicative efforts across the department, national laboratories, and other federal agencies. It also would need to consult with research and academic institutions, the private sector, public utility commission (PUCs), and state, local, and tribal governments on the plan.

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The DOE would have to update the plan within three years of enactment and at least once every five years.

### ***House Holds Hearing on Water Resources Development Acts***

Earlier this month, the House Subcommittee on Water Resources and Environment held a hearing to discuss the development and implementation of Water Resources Development Acts (WRDA) – which are principal legislative vehicles to authorize studies, projects, and policies carried out by the U.S. Army Corps of Engineers – Civil Works. The purpose of this hearing was to provide Members with an opportunity to review the Corps’ implementation of the most recent congressionally authorized WRDAs, enacted in 2014, 2016, and 2018. Chairwoman Grace Napolitano (D-CA) also highlighted that the hearing marked the beginning of consideration for the 2020 Water Resource Development Act.

The Water Resources Development Act of 2018 was signed into law as Title I of the America’s Water Infrastructure Act by President Trump on October 23, 2018. WRDA 2018 authorized 14 Chief’s Reports, authorized four new Post Authorization Change Reports, 10 new feasibility studies, and requested that the Corps expedite completion of 32 existing feasibility studies. As part of implementing WRDA 2018, the Corps must also consider whether or not to issue new guidance for specific programs to aid in the execution of the provision

Reps. John Garamendi (D-CA), Doug LaMalfa (R-CA), and other California members expressed the desire to see a quicker timeline for completion on these critical projects in their districts.

In addition, the witnesses providing testimony acknowledged the devastating effects of flooding, and in the wake of recent earthquakes in southern California, Rickey Dale James-Assistant Secretary of the Army for Civil Works- also stated that future technology built by the Corps will be seismic resistant.

### ***Energy Storage Research Gains Bipartisan Support in Senate***

“Energy storage holds such great promise in the fight against climate change,” Sen. Susan Collins (R-ME) said at a Senate Energy and Natural Resources subcommittee hearing on July 9. “Advancing the next generation of energy storage technology will allow us to integrate more renewables such as wind and solar.”

Bruce J. Walker, Assistant Secretary of Energy overseeing the Office of Electricity at the Department of Energy, spoke in support several energy storage bills at the hearing. Energy storage, such as large batteries, connected to the power grid will be “disruptive” and can “revolutionize” the energy industry, he said.

Long-term energy storage is “key to modernizing the grid” and the near-term transition to a renewable energy economy, Sen. Martin Heinrich (D-NM) said at the hearing.

The subcommittee considered five energy storage bills, and all but the Reducing the Cost of Energy Storage Act have bipartisan support:



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- The Better Energy Storage Technology Act (S. 1602), sponsored by Senator Susan Collins, would establish a federal electric power grid-scale energy storage research and development program.
- The Promoting Grid Storage Act (S. 1593), sponsored by Senator Tina Smith (D-MN), would establish an Energy Department energy storage research and grant program.
- The Expanding Access to Sustainable Energy Act (S. 1183), sponsored by Senator Amy Klobuchar (D-MN), requires the Energy Department to award grants to rural electric cooperatives to help them design energy storage projects.
- The Reducing the Cost of Energy Storage Act (S. 1741), sponsored by Senator Ron Wyden (D-OR), would require the Energy Department to establish a program that would help cut the cost of energy storage technology.
- S. 2048, sponsored by Sen. Angus King (I-ME), would establish a federal demonstration initiative for long-duration energy storage technologies

### ***Senate Panel Holds Hearing on Bureau Issues***

During a hearing on water issues earlier this month, Senator Martha McSally (R-AZ) stated that her subcommittee will work to revamp several bills meant to help combat drought conditions in Western states after state water officials and others at a hearing called for more flexibility and other tweaks.

“You know, there might be some modifications as we’ve heard today from witnesses testifying before the Senate Energy and Natural Resources Water and Power Subcommittee”, Senator Martha McSally said after the hearing.

McSally added that she hopes to revise the bills—which would give the Interior Department more flexibility to construct and expand water projects and provide more funding for water storage projects—in hopes of moving the measures this fall through the full Energy and Natural Resources Committee.

McSally sponsored the bills, along with other subcommittee members including Senators Cory Gardner (R-CO) and James Risch (R-ID), to help local and state water authorities respond to worsening drought in the West.

Dwindling water supplies have been further strained by demands from residential development and agriculture, in some cases pitting those users against each other and leading to squabbling between neighboring states that often rely on the same river or reservoir for supplies.

The three bills include the Aquifer Recharge Flexibility Act (S. 1570), the Drought Resiliency and Water Supply Infrastructure Act (S. 1932), and the Water Supply Infrastructure Rehabilitation and Utilization Act (S. 2044).

The McSally-Sinema infrastructure rehabilitation and utilization bill includes a provision to help pay for “extraordinary maintenance” projects that are “often accompanied with a price tag too high” to recoup from ratepayers, McSally said. For example, the Imperial Diversion Dam along

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the California-Arizona border needs \$50 million in renovations. But the water districts operating it aren't the actual owners of the infrastructure and thus "don't have access to many of the traditional finance tools needed for funding these critical repairs," McSally said.

Her bill would set up an account within the Bureau of Reclamation to fund such maintenance projects, essentially allowing water district operators to repay the costs with interest over a longer span of time to make such projects affordable.

Bureau of Reclamation Commissioner Brenda Burman cited vast funding challenges for boosting water reliability and ensuring adequate water supplies for future generations.

She was generally supportive of the legislative proposals, but said the bureau sees areas that should be clarified, including provisions needed to streamline the last big water projects law—the 2016 Water Infrastructure Improvements for the Nation Act, known as the WIIN Act.

"We'd like to work with the committee and keep working with you to strengthen these three bills," Burman said, and discuss some other authorities under the 2016 act.

### ***Interior Department Announces BLM Western Move***

The Interior Department will move most leadership staff from Bureau of Land Management's (BLM) Washington, D.C. office to 12 western states as part of its reorganization effort, but Interior will retain core D.C. base functions in Washington, D.C.

Nearly 300 positions currently in D.C. will be spread across BLM's western regions and landscapes "in order to optimize BLM's presence where the needs are greatest," according to a letter from Interior Assistant Secretary for Land and Minerals Management Joe Balash. BLM will also send 27 employees to Grand Junction, Colorado to set up a Western headquarters.

While some lawmakers, including Colorado's senators, applauded the move, it brought questions from those who oversee BLM's budget. Senator Tom Udall (D-NM), the Ranking Member on the Senate Interior-Environment Appropriations Committee, said Congress needs more information. He added, "based on what I know so far, I have serious reservations about this plan, and the department needs be transparent about how much it will cost and what it will really mean for public lands," he said. "And the administration must work with Congress before it implements any sweeping relocation proposal."

Interior has said it will cost \$5.6 million to start making the moves.

Bill Number (linked to the legislation on Congress.gov)	Sponsor/ Cosponsor	Title and/or Summary	Summary/Status	Latest Action
n/a		Status of the 12 annual appropriations bills in the House	<p>The House has passed 10 of its 12 annual appropriations bills in three pieces of legislation. The first 9 passed in 2 separate minibus packages and the final bill went on its own.</p> <p>The two remaining bills have advanced through the House Appropriations Committee and await action by the full House.</p>	<p>H.R.2740, First minibus (passed 226 - 203): Defense; Energy and Water: Labor-HHS; and State-Foreign Operations.</p> <p>H.R.3055, Second minibus (passed 227 - 194): Agriculture; Commerce-Justice-Science; Military Construction - VA; Interior-Environment; and Transportation-HUD.</p> <p>H.R.3351, Stand along legislation (passed 224-196): Financial Services.</p> <p>Not yet completed: Homeland Security; and Legislative Branch.</p>

<p>n/a</p>		<p>Status of the 12 annual appropriations bills in the Senate</p>	<p>The Senate has not yet introduced or passed any of its twelve annual appropriations bills.</p>	<p>Senate Appropriations Chairman Shelby has indicated he would move to hand down subcommittee allocations, known as 302(b)s, to Senate Appropriations Subcommittee Chairmen the first week of August.</p> <p>Subcommittee chairs are preparing to move quickly once they receive their allocations with the goal of having their bills ready to be packaged or taken up on the floor individually.</p> <p>Senate Subcommittee markups are expected to begin the week of September 9th.</p>
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H.R. 3877	Rep. John Yarmuth (D-KY)	Bipartisan Budget Act of 2019	<p>The measure would amend the Balanced Budget and Emergency Deficit Control Act of 1985, to establish a congressional budget for fiscal years 2020 and 2021 and to temporarily suspend the debt limit for two years- through July 31, 2021. Once the debt ceiling suspension lifts in 2021, the measure would not prohibit the Treasury Department from utilizing extraordinary measures.</p> <p>The 2-year proposal calls for increasing the discretionary spending caps for fiscal years 2020 and 2021 above the levels set in the Budget Control Act of 2011. The compromise would increase fiscal 2020 spending limits on non-defense programs by \$24.5 billion over current levels, to \$621.5 billion. Defense spending caps for fiscal 2020 would be increased by \$19.5 billion over current levels, to \$666.5 billion. Another \$71.5 billion would be included in the OCO fund, an increase of \$2.5 billion over the current OCO level.</p>	<p>The legislation was introduced in the House on July 23, 2019 and then referred to the Committee on the Budget, and in addition to the Committees on Rules, and Ways and Means.</p> <p>The measure was then considered and passed the House with a vote of 284 to 149. The Senate followed suit and passed the measure on August 1, 2019 with a vote of 67 to 28. The President signed the measure into on August 2, 2019.</p> <p>Now that an agreement on budget caps has been reached Senate Appropriations Chairman Shelby has indicated he will hand down subcommittee allocations, known as 302(b)s.</p>
H.R. 1764	Rep. John Garamendi (D-CA)	The bill to amend the Federal Water Pollution Act	The legislation would amend the Federal Water Pollution Control Act with respect to permitting terms, and for other purposes.	<p>Introduced on March 15 and then referred to the Subcommittee on Water Resources and Environment.</p> <p>This legislation has bipartisan cosponsorship.</p>

S. 1790	Sen. Jim Inhofe (R-OK)	<p>National Defense Authorization Act, 2020</p> <p>Note: Included a rider on PFAS</p>	<p>The National Defense Authorization Act, 2020 is the annual authorization for Defense programs.</p> <p>This year, the legislation included legislation aimed at addressing the risks and challenges associated with per- and polyfluoroalkyl substances (PFAS). This provision will ensure that the EPA sets a national drinking water standard for PFAS and PFOS. It will also require industrial manufactures and users to notify the public when PFAS chemicals are released into the environment. The EPA will also have to issue guidance on how to dispose of and destroy PFAS. The legislation also provides authorization for funding for monitoring and sampling, and requires better interagency coordination on PFAS chemicals.</p>	Passed the Senate on Thursday, June 27, 2019, though an amendment vote was held the following day.
H.R.1497	Water Quality Protection and Job Creation Act of 2019	Rep. Peter DeFazio (D-OR)	<p>Reauthorizes sections of the Federal Water Pollution Control Act that provide grants to States and interstate agencies, including:</p> <p>State Management Assistance: Section 106(a);  Watershed Pilot Projects: Section 122(c);  Alternative Water Source Projects Pilot Program: Section 220(d);  Sewer Overflow and Stormwater Reuse Municipal Grants: Section 221(f)1); and  State Water Pollution Control Revolving Funds.</p>	Introduced on March 6 and referred to the Subcommittee on Water Resources and Environment of the House Transportation Committee.

H.R. 1508	Rep. Blumenauer (D-OR)	Move America Act of 2019	The measure would amend the Internal Revenue Code of 1986 to provide for Move America bonds and Move America credits.	<p>Introduced on March 5 and then referred to the House Committee on Ways and Means.</p> <p>Note: All tax issues are likely to be addressed as part of a larger tax package. The Ways and Means Committee is considering forming a tax extenders package, which would be the most likely venue for this legislation.</p>
H.R. 1744	Rep. Mark Takano (D-CA)	S.T.O.R.A.G.E. Act (Storage Technology for Operational Readiness And Generating Energy Act) Energy Storage Systems by Electric Utilities	The bill would provide for the consideration of energy storage systems by electric utilities as part of a supply side resource process, and for other purposes.	The bill was introduced on March 13 and the referred to the Committee on Energy and Commerce, and in addition to the Committee on Science, Space, and Technology.
S. 146	Sen. John Hoeven (R-ND)	Move America Act of 2019	A bill to amend the Internal Revenue Code of 1986 to provide for Move America bonds and Move America credits- which provide tools to finance additional transportation, water, and information infrastructure capital investments, through an approach that provides assistance for financing of infrastructure to all States, rural and urban.	Introduced in the Senate on January 16th
H.R.1162	Rep. Grace Napolitano (D-CA)	Water Recycling Investment and Improvement Act	This legislation would create a competitive grant program for the funding of water recycling and reuse projects by raising the authorization cap for the Title XVI program from \$50 million to \$500 million. The legislation would also raise the authorization cap from \$20 million to \$30 million for the Reclamation Wastewater and Groundwater Study and Facilities Act.	<p>Introduced in the House on February 13.</p> <p>The House Natural Resources Subcommittee on Water, Oceans, and Wildlife held a hearing on the legislation on June 13.</p>

H.R.579	Rep. Scott Tipton (R-CO)	Water Rights Protection Act of 2019	This bill would prohibit the conditioning of any permit, lease, or other use agreement on the transfer of any water right to the United States by the Secretaries of the Interior and Agriculture, and for other purposes.	Introduced in the House on January 15th. Referred to the Conservation and Forestry Subcommittee of the Agriculture Committee on 2/7 and to the Water, Oceans, and Wildlife Subcommittee of the House Natural Resources Committee on 2/4.  A similar amendment was submitted to the House Rules Committee for consideration in the Interior-Environment Appropriations bill, but was not made in order by the Committee for floor consideration.
H. R. 855	Rep. Scott Peters (D-CA)	STRONG (Strengthening the Resiliency of our Nation on the Ground Act) Act	The bill would work to minimize the economic and social costs resulting from losses of life, property, well-being, business activity, and economic growth associated with extreme weather events by ensuring that the United States is more resilient to the impacts of extreme weather events in the short- and long-term, and for other purpose	Introduced in the House and referred to the Subcommittee on Economic Development, Public Buildings, and Emergency Management on February 7th.
S. 361/H.R. 807	Sen. Cory Gardner (R-CO) / Rep. Ken Buck (R-CO)	Water and Agriculture Tax Reform Act of 2019	The measure would work to amend the Internal Revenue Code of 1986 to facilitate water leasing and water transfers to promote conservation and efficiency.	Introduced referred to the Committee on Finance (Senate) and Ways and Means Committee (House).
H.R. 420	Rep. Earl Blumenauer (D-OR)	Regulate Marijuana Like Alcohol Act	The bill would decriminalize marijuana and sets up legal framework to regulate marijuana.	Introduced in the House n January 8th



S.420 /H.R. 1120	Sen. Ron Wyden (D-OR) / Rep. Earl Blumenauer (D-OR)	Marijuana Revenue and Regulation Act	A bill to amend the Internal Revenue Code of 1986 to provide for the taxation and regulation of marijuana products, and for other purposes.	<p>The bill was introduced in the Senate on February 14th and was referred to the Subcommittee on Conservation and Forestry.</p> <p>Introduced in the House on February 14th and was referred to the Subcommittee on Conservation and Forestry.</p>
H.R.34	Rep. Eddie Bernice Johnson (D-TX)	Energy and Water Research Integration Act of 2019	The legislation would ensure consideration of water intensity in the Department of Energy's energy research, development, and demonstration programs to help guarantee efficient, reliable, and sustainable delivery of energy and clean water resources.	The bill was introduced in the House on January 3rd. It was marked up and ordered to be reported by the House Science and Technology Committee on May 1, 2019 and was passed by the House on July 23, 2019 by voice vote.
H.R. 2313	Rep. Jared Huffman (D-CA)	Water Conservation Rebate Tax Parity Act	The measure would amend the Internal Revenue Code of 1986 to expand the exclusion for certain conservation subsidies to include subsidies for water conservation or efficiency measures and storm water management measures.	<p>The bill was introduced in the House on April 12 and then referred to the Committee on Ways and Means.</p> <p>Note: All tax issues are likely to be addressed as part of a larger tax package. The Ways and Means Committee is considering forming a tax extenders package, which would be the most likely venue for this legislation.</p>

S.1419	Sen. James Lankford (R-OK)	Early Participation in Regulations Act	The legislation would direct agencies to issue advanced notices for rules costing more than \$100 million annually. The bill would require agencies must outline the problem the rule intends to solve and listen to the public's input on the subject.	<p>On May 13, the bill was introduced into the Senate. It was then referred to the Committee on Homeland Security and Governmental Affairs. On July 19 the Committee on Homeland Security and Governmental Affairs ordered the measure to be reported favorably with an amendment in the nature of a substitute.</p> <p>The legislation has bipartisan cosponsorship.</p>
H.R. 3794	Rep. Paul A. Gosar (R-AZ)	Public Land Renewable Energy Development Act of 2019'	The bill would work to promote the development of renewable energy on public lands	<p>The measure was introduced in the House on July 17, 2019 and was then referred to both the Committee on Natural Resources and the Committee on Agriculture.</p> <p>The measure was later referred to the Subcommittee on Energy and Mineral Resources where a hearing was held on the legislation.</p>
S. 1344	Sen. Cory Booker (D-NJ) and Tim Scott (R-SC)	Reinstate Opportunity Zone Data Mandates	<p>The bill would require the Secretary of the Treasury to collect data and issue a report on the opportunity zone tax incentives enacted by the 2017 tax reform legislation.</p> <p>The reporting requirements were part of the original legislation as introduced, but they were not incorporated in H.R.1 (the tax package) when it was advanced in the House and Senate.</p>	<p>The legislation was introduced in the Senate on May 7, 2019.</p> <p>The legislation has bipartisan cosponsorship.</p>
<b>Enacted Legislation</b>				

H.J.Res.31	Rep. Lucille Roybal-Allard (D-CA)	Consolidated Appropriations Act, 2019 (Conference Reports for the Agriculture, Commerce-Justice-Science, Financial Services-General Government, Interior-Environment, State-Foreign Operations, and Transportation-HUD Appropriations bills).	The House and Senate came to an agreement on a Conference Report for the 7 remaining FY19 appropriations bills after holding an official conference on the FY19 Homeland Security Appropriations bill. The Homeland Security section contained approximately \$1.3 billion for border fencing in the Rio Grande Valley of Texas and slight reduction in funding for ICE detention beds. The other 6 appropriations bills contained conference reports similar to those that had been previously been released.	The bill was introduced on January 22nd and was passed by both the Senate and the House before being signed into law on February 15th. This bill's enactment finalized full year funding for all federal agencies for fiscal year 2019 through September 30, 2019.
S.47	Sen. Lisa Murkowski (R-AK)	<p>Natural Resources Management Act (renamed the John D. Dingell, Jr. Conservation, Management, and Recreation Act)</p> <p>Included the following provisions:  California Desert Protection and Recreation Act of 2019</p> <p>Bureau of Reclamation Transparency Act</p> <p>Santa Ana River Wash Plan Land Exchange Act</p>	This bill sets forth provisions regarding various programs, projects, activities, and studies for the management and conservation of natural resources on federal lands. Specifically, the bill addresses: Land conveyances, exchanges, acquisitions, withdrawals, and transfers; the Santa Ana River Wash Plan Land Exchange Act; national parks, monuments, memorials, wilderness areas, other conservation and recreation areas; and federal reclamation projects. For California, the legislation included the Santa Ana River Wash Plan Land Exchange Act and the California Desert Protection and Recreation Act of 2019, which was a compromise between individual bills introduced by Senator Dianne Feinstein and Congressman Paul Cook in previous Congresses.	Introduced in the Senate on January 8th. The legislation passed the Senate by a vote 92 - 8 on February 12th. The measure was then taken up by the House and passed by a vote of 363-62. The bill was signed into law by President Trump on March 12, 2019.



**INFORMATION  
ITEM**

**4J**



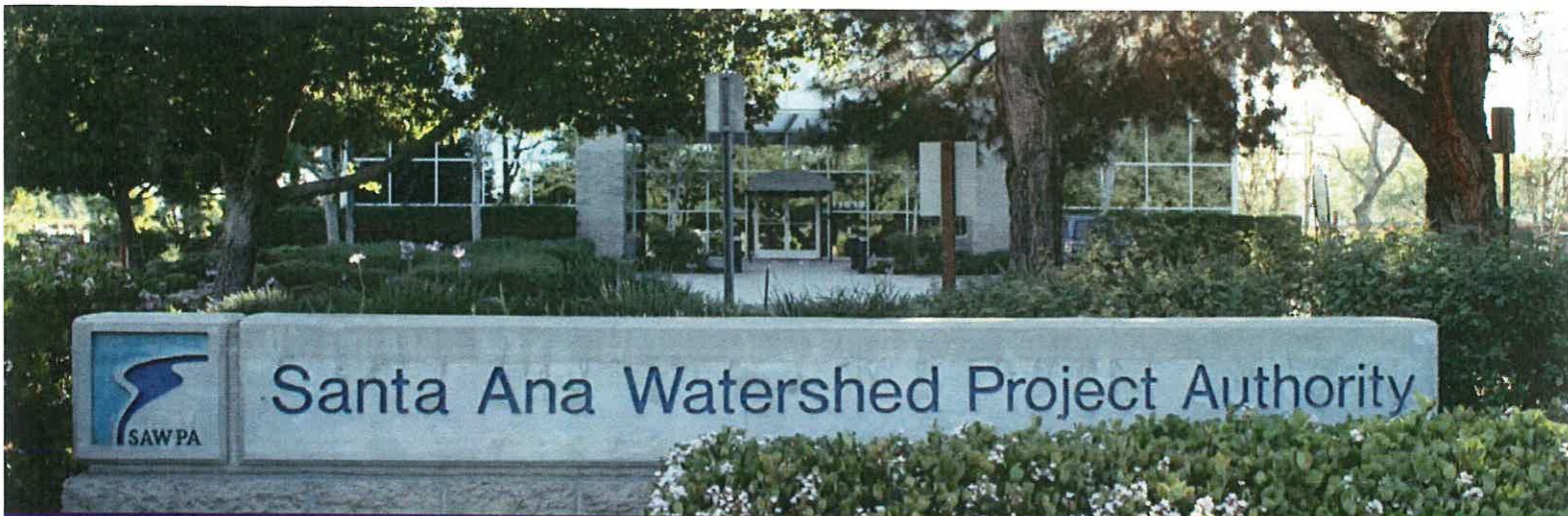
CALIFORNIA STRATEGIES, LLC

Date: July 31, 2019  
To: Inland Empire Utilities Agency  
From: John Withers, Jim Brulte  
Re: July 2019 Activity Report

1. This month Jim Brulte and John Withers participated in the monthly senior staff meeting which was attended by senior Executive Management Team staff on July 1<sup>st</sup>.
2. Regional Contract
  - Reviewed the activities to date regarding the regional contract including the March Workshop which addressed predesign efforts, roles, and cost benefits
  - Evaluated the various stakeholder projects and in September will consider alternatives
  - Discussed the regional water allocation and recycled water issues and impacts
  - Evaluated O&M Costs
3. Chino Basin Program
  - Reviewed the Communication Strategy to key stakeholders
  - Discussed recycled water inerties
  - Reviewed issues raised by advisory committee related to water ownership
4. Rate Study
  - Discussed the workshop
  - Discussed proposed draft connection fees and approach to implementation and political adoption process
5. Discussed personnel changes and potential impacts on IEUA
6. Member Questions and Answers
  - Answered questions from IEUA Board members and the GM since the meeting included leadership changes at City of Fontana on the implications of those changes

**AGENCY  
REPRESENTATIVES'  
REPORTS**

**5A**



## SAWPA COMMISSION MEETING SUMMARY

**At its meeting on  
August 6, 2019**

### **the Commission of the Santa Ana Watershed Project Authority**

- Approved the submission of the North Orange County Stakeholder's IRWM projects to the Department of Water Resources for Proposition 1 IRWM Round 1 grant funding.
- Authorized the execution of a General Services Agreement with Somach Simmons & Dunn to provide strategic and regulatory support for the next two fiscal years to the Basin Monitoring Program Task Force (amount not to exceed \$112,380) and the Middle Santa Ana River Pathogen TMDL Task Force (amount not to exceed \$119,790).
- Supported the issuance of a Request for Proposals (RFP) to conduct a feasibility analyses for a weather modification for water supply program in the Santa Ana River Watershed.



PLEASE NOTE: This summary may not include all agenda items and should not be construed as official minutes. Any questions please call or email Kelly Berry at 951.354.4230 – [kberry@sawpa.org](mailto:kberry@sawpa.org)





# SAWPA

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

## REGULAR COMMISSION MEETING TUESDAY, AUGUST 20, 2019 – 9:30 A.M.

### AGENDA

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE (Ronald W. Sullivan, Chair)

2. ROLL CALL

3. PUBLIC COMMENTS

Members of the public may address the Commission on items within the jurisdiction of the Commission; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

4. CONSENT CALENDAR

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Commission by one motion as listed below.

A. APPROVAL OF MEETING MINUTES: AUGUST 6, 2019

**Recommendation:** Approve as posted.

B. TREASURER'S REPORT – JULY 2019

**Recommendation:** Approve as posted.

5. WORKSHOP DISCUSSION AGENDA

A. U.S. FOREST SERVICE PRESENTATION | FOREST FIRST PARTNERSHIP UPDATE (CM#2019.85)

**Presenter:** Ian Achimore | Judy Noiron, Forest Supervisor, San Bernardino National Forest

**Recommendation:** Receive and file.

6. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – POTENTIAL LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(2)

One Case

7. **NEW BUSINESS**

A. **REQUEST FOR PROPOSALS (RFP) FOR CLOUD-BASED VOICE OVER IP (VOIP) PHONE SYSTEM (CM#2019.86)**

**Presenter:** Dean Unger

**Recommendation:** Authorize the issuance of a Request for Proposals (RFP) for Installation of a Cloud-Based Voice Over IP (VOIP) Phone System in fiscal year 2019-2020.

B. **SAWPA PARTICIPATION AND ENGAGEMENT IN OUTSIDE ORGANIZATIONS (CM#2019.87)**

**Presenter:** Larry McKenney

**Recommendation:** Receive and file an updated report.

C. **INLAND EMPIRE BRINE LINE – SEWER SYSTEM MANAGEMENT PLAN (CM#2019.88)**

**Presenter:** Carlos Quintero

**Recommendation:** Conduct a public hearing to receive comments and consider adopting the updated Brine Line Sewer System Management Plan.

D. **SAWPA VEHICLE VANDALISM (CM#2019.89)**

**Presenter:** Carlos Quintero

**Recommendation:** Receive and file a report on recent Brine Line vehicle vandalism and direct staff to provide a long-term solution to protect the SAWPA vehicles from further vandalism.

E. **LEGAL SERVICES, RESULTS OF REQUEST FOR QUALIFICATIONS (RFQ) | AWARD OF CONTRACT (CM#2019.90)**

**Presenter:** Rich Haller

**Recommendation:** Receive a presentation on the Legal Services Request for Qualifications (RFQ) process; consider the benefits and costs of consultant-provided legal services versus a part time staff position; consider staff's recommendation to utilize consultant-provided legal services as set forth in Option 1; provide direction to staff and authorize the General Manager to issue a Task Order for up to an amount not to exceed \$75,000 to implement the Commission's direction.

8. **INFORMATIONAL REPORTS**

**Recommendation:** Receive for information.

A. **CASH TRANSACTIONS REPORT – JUNE 2019**

**Presenter:** Karen Williams

B. **INTER-FUND BORROWING – JUNE 2019 (CM#2019.91)**

**Presenter:** Karen Williams

C. **PERFORMANCE INDICATORS/FINANCIAL REPORTING – JUNE 2019 (CM#2019.92)**

**Presenter:** Karen Williams

D. **GENERAL MANAGER REPORT**

E. **STATE LEGISLATIVE REPORT**

**Presenter:** Rich Haller

F. **SAWPA GENERAL MANAGERS MEETING NOTES**

- August 13, 2019

**G. CHAIR’S COMMENTS/REPORT**

**H. COMMISSIONERS’ COMMENTS**

**I. COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS**

**9. ADJOURNMENT**

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, call (951) 354-4230 or email [kberry@sawpa.org](mailto:kberry@sawpa.org). 48-hour notification prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Commission after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at [www.sawpa.org](http://www.sawpa.org), subject to staff’s ability to post documents prior to the meeting.

**Declaration of Posting**

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Wednesday, August 14, 2019, a copy of this agenda has been uploaded to the SAWPA website at [www.sawpa.org](http://www.sawpa.org) and posted at the SAWPA office, 11615 Sterling Avenue, Riverside, California.

/s/

\_\_\_\_\_  
Kelly Berry, CMC

**2019 SAWPA Commission Meetings|Events|Important Dates**

First and Third Tuesday of the Month

(NOTE: Unless otherwise noticed, all Commission Workshops/Meetings begin at **9:30 a.m.**, and are held at SAWPA.)

<p><b>January</b></p> <p>1/1/19 <del>Commission Workshop</del> [cancelled] 1/15/19 Regular Commission Meeting</p>	<p><b>February</b></p> <p>2/5/19 Commission Workshop 2/19/19 Regular Commission Meeting</p>
<p><b>March</b></p> <p>3/5/19 Commission Workshop 3/19/19 Regular Commission Meeting 3/29/19 OWOW Conference 2019, Cal State Fullerton</p>	<p><b>April</b></p> <p>4/2/19 Commission Workshop 4/16/19 Regular Commission Meeting</p>
<p><b>May</b></p> <p>5/7/19 <del>Commission Workshop</del> [cancelled] 5/7 – 5/10/19 ACWA Spring Conference, Monterey 5/21/19 Regular Commission Meeting</p>	<p><b>June</b></p> <p>6/4/19 Commission Workshop 6/18/19 Regular Commission Meeting</p>
<p><b>July</b></p> <p>7/2/19 Commission Workshop 7/16/19 Regular Commission Meeting</p>	<p><b>August</b></p> <p>8/6/19 Commission Workshop 8/20/19 Regular Commission Meeting</p>
<p><b>September</b></p> <p>9/3/19 Commission Workshop 9/17/19 Regular Commission Meeting</p>	<p><b>October</b></p> <p>10/1/19 Commission Workshop 10/15/19 Regular Commission Meeting</p>
<p><b>November</b></p> <p>11/5/19 Commission Workshop 11/19/19 Regular Commission Meeting</p>	<p><b>December</b></p> <p>12/3/19 Commission Workshop 12/17/19 Regular Commission Meeting 12/3 – 12/6/19 ACWA Fall Conference, San Diego</p>

**AGENCY  
REPRESENTATIVES'  
REPORTS**

**5B**



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

# MWD MEETING AGENDA

**Adjourned Board Meeting**  
**August 20, 2019**  
**12:00 p.m. – Boardroom**

Tuesday, August 20, 2019		
Meeting Schedule		
9:00 AM	L&C	Rm. 2-145
10:30 AM	C&LR	Rm. 2-456
12:00 PM	Board	Boardroom

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MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

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**1. Call to Order**

- (a) Invocation: Karen Robles, Real Estate Representative II, Real Property Group
- (b) Pledge of Allegiance: Director De Jesus

**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 Government Code Section 54954.3(a))**

**5. OTHER MATTERS**

- A. Report on list of certified assessed valuations for fiscal year 2019/20 and tabulation of assessed valuations, percentage participation, and vote entitlement of member agencies as of August 19, 2019. (F&I) **[To be posted separately]**
- B. Approval of the Minutes of the Meeting for July 9, 2019 and the Board Workshop on July 23, 2019  
(Copies have been mailed to each Director)  
Any additions, corrections, or omissions
- C. Report on Directors' events attended at Metropolitan expense for month of July 2019

- D. Induction of new Director Tana McCoy from the City of Compton
  - (a) Receive credentials
  - (b) Report on credentials by General Counsel
  - (c) File credentials
  - (d) Administer Oath of Office
  - (e) File Oath
- E. Approve committee assignments
- F. Chairwoman's Monthly Activity Report
- G. Report on Fresno meetings with Central Valley farmers and the Latino Water Coalition
- H. Presentation of Commendatory Resolution for Director Sinanyan representing the City of Glendale
- I. Approve Commendatory Resolutions for Directors Mark Gold representing the City of Los Angeles and Janna Zurita representing the City of Compton

## **6. DEPARTMENT HEADS' REPORTS**

- A. General Manager's summary of activities for the month of July 2019
- B. General Counsel's summary of activities for the month of July 2019
- C. General Auditor's summary of activities for the month of July 2019
- D. Ethics Officer's summary of activities for the month of July 2019

## **7. CONSENT CALENDAR ITEMS — ACTION**

- 7-1 Adopt resolution designating Metropolitan's maximum contribution for medical benefits in order to comply with the current authorized Memoranda of Understanding; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (OP&T)

- 7-2 Review and consider the Upper San Gabriel Valley Municipal Water District's approved Mitigated Negative Declaration and authorize the General Manager to enter into a Local Resources Program agreement with Upper San Gabriel Valley Municipal Water District and La Puente Valley County Water District for the La Puente Recycled Water Project. (WP&S)

### END OF CONSENT CALENDAR

#### 8. OTHER BOARD ITEMS — ACTION

- 8-1 Adopt resolution establishing the tax rate for fiscal year 2019/20; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I) **[To be posted separately]**
- 8-2 Award \$10,439,354 contract to McMillen Jacobs Associates to replace radial gates along the Colorado River Aqueduct; authorize a \$600,000 increase to an agreement with Lee & Ro, Inc., for a new not-to-exceed total of \$920,000; the proposed actions are in furtherance of a project that the General Manager has determined is exempt or otherwise not subject to CEQA. (E&O)
- 8-3 Award \$32,946,000 contract to J.F. Shea Construction, Inc. for installation of discharge line isolation coupling assemblies at each Colorado River Aqueduct pumping plant; the proposed action is in furtherance of a project that the General Manager has determined is exempt or otherwise not subject to CEQA. (E&O)
- 8-4 Adopt CEQA determination that the proposed action was previously addressed in the certified 2005 Environmental Impact Report; and award \$2,944,000 contract to Mehta Mechanical Company, Inc. for construction of water quality instrumentation improvements at the F. E. Weymouth Water Treatment Plant. (E&O)

- 8-5** Authorize the General Manager to enter into an agreement with the State of California Department of Water Resources for the sale of output from four hydroelectric power plants; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O) **[To be posted separately]**
- 8-6** Review the General Manager's determination to initiate the Cyclic Cost-Offset Program effective August 1, 2019 and determine whether to suspend the Cyclic Cost-Offset program initiated by the General Manager; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (WP&S)
- 8-7** Report on San Diego County Water Authority v. Metropolitan Water District of Southern California, et al., San Francisco County Superior Court Case Nos. CPF-10-510830, CPF-12-512466, CPF-14-514004, CPF-16-515282, CPF-16-515391, CGC-17-563350, and CPF-18-516389; the appeal of the 2010 and 2012 actions, Court of Appeal for the First Appellate District Case Nos. A146901 and A148266 and California Supreme Court Case No. S243500; the petition for extraordinary writ in the 2010 and 2012 actions, Court of Appeal for the First Appellate District Case No. A155310; and the petition for extraordinary writ in the second 2016 action, Court of Appeal for the First Appellate District Case No. A154325 and California Supreme Court Case No. S251025; and authorize increase in maximum amount payable under contract for legal services with Horvitz & Levy, LLP in the amount of \$150,000 for a total amount not to exceed \$600,000; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (L&C)  
**[Conference with legal counsel – existing litigation; to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(1)]**  
**[To be posted separately]**



**9. BOARD INFORMATION ITEMS**

- 9-1 Update on Conservation Program
- 9-2 Information on Stormwater for Direct Use Pilot Program. (WP&S)
- 9-3 Report on Demand Management Costs Functionalization. (F&I)

**10. OTHER MATTERS (Contd.)**

- 10-1 Department Head Performance Evaluations  
[Public Employees' performance evaluations; General Manager, General Counsel, and General Auditor; to be heard in closed session pursuant to Gov. Code 54957.]
- 10-2 Report on Department Head 2019 Salary Survey
- 10-3 Discuss and Approve Compensation Recommendations for General Manager, General Counsel, and General Auditor; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

**11. FOLLOW-UP ITEMS**

**12. FUTURE AGENDA ITEMS**

**13. ADJOURNMENT**

**NOTE:** Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g., (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

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, August 1, 2019**

**4:00 p.m.**

#### **Location**

Inland Empire Utilities Agency  
Boardroom  
6075 Kimball Avenue  
Chino, CA 91708

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#### **Call to Order and Roll Call**

#### **Pledge of Allegiance**

#### **Public Comment**

#### **Changes/Additions/Deletions to the Agenda**

#### **1. Technical Committee Report (Oral)**

- Regional Contract Update

#### **2. Action Items**

- A. Meeting Minutes for June 6, 2019

#### **3. Informational Items**

- A. Asset Management Program
- B. Legislative Update

#### **4. Receive and File**

- A. Building Activity Report
- B. Recycled Water Distribution – Operations Summary
- C. IEUA/JCSD Recycled Water Interconnection Analysis
- D. Engineering Quarterly Update
- E. IEUA Rate Study Workshop #3

#### **5. Other Business**

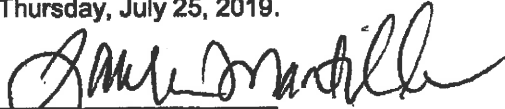
- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting – September 5, 2019

**6. Adjournment**

**DECLARATION OF POSTING**

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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 to the IEUA Website at [www.ieua.org](http://www.ieua.org) and posted in the foyer at the Agency's main office at 6075 Kimball Avenue, Building A, Chino, CA, on Thursday, July 25, 2019.



Laura Mantilla

**AGENCY  
REPRESENTATIVES'  
REPORTS**

**5D**

**CHINO BASIN WATERMASTER  
WATERMASTER BOARD MEETING**

11:00 a.m. – July 25, 2019

*Mr. Jeff Pierson – Chair*

*Mr. Darron Poulsen – 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**

**CHINO BASIN WATERMASTER PROCLAMATION OF GRATITUDE FOR JAMES E. ERICKSON**

**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**

Approve as presented:

1. Minutes of the Joint IEUA/Watermaster Board Meeting held June 27, 2019
2. Minutes of the Watermaster Board Meeting held June 27, 2019

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of May 2019
2. Watermaster VISA Check Detail for the month of May 2019
3. Combining Schedule for the Period July 1, 2018 through May 31, 2019
4. Treasurer's Report of Financial Affairs for the Period May 1, 2019 through May 31, 2019
5. Budget vs. Actual Report for the Period July 1, 2018 through May 31, 2019

**C. APPLICATION FOR RECHARGE – FONTANA WATER COMPANY (MAR)**

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 account.

**D. APPLICATION FOR RECHARGE – FONTANA WATER COMPANY (VULCAN)**

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 account.

**E. CONSIDERATION OF APPLICATION FOR LOCAL STORAGE AGREEMENTS – OVERLYING (NON-AGRICULTURAL) POOL**

Approve the storage agreements.

**II. BUSINESS ITEMS**

**A. OBMP UPDATE STATUS REPORT– COURT PLEADING**

Provide advice and assistance to Watermaster regarding the draft Status Report Regarding Update to the Optimum Basin Management Program.

**B. 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) OCCURRENCE IN CHINO BASIN (INFORMATION ONLY)**

This item is being presented for informational purposes.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Rules and Regulations 2019 Update

**B. ENGINEER REPORT**

1. GLMC Activities
2. 2020 Safe Yield Reset

**C. CFO REPORT**

1. Audit of FY 2017/18 Groundwater Recharge O&M Expenses

**D. GM REPORT**

1. Status Report: OBMP Update
2. Status Report: Storage Management Plan
3. Status Report: Revised Assessment Package Process
4. Ely 3 Basin
5. Business Plan
6. Other

**IV. INFORMATION**

1. Cash Disbursements for June 2019

**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.

**VIII. FUTURE MEETINGS AT WATERMASTER**

7/25/19	Thu	11:00 a.m.	Watermaster Board
7/31/19	Wed	9:30 a.m.	OBMP Update – Listening Session 5
9/12/19	Thu	9:00 a.m.	Appropriative Pool
9/12/19	Thu	11:00 a.m.	Non-Agricultural Pool
9/12/19	Thu	1:30 p.m.	Agricultural Pool
9/19/19	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
9/19/19	Thu	9:00 a.m.	Advisory Committee
9/26/19	Thu	11:00 a.m.	Watermaster Board

NOTE: Watermaster will not be holding its regularly scheduled meetings in August 2019 and can host special meetings upon request.

**ADJOURNMENT**



**AGENCY  
REPRESENTATIVES'  
REPORTS**

**5E**

# **SPECIAL BOARD MEETING OF THE BOARD OF DIRECTORS CHINO BASIN DESALTER AUTHORITY**

**August 1, 2019  
2:00 p.m.**

**Council Chambers, of the City of Ontario  
303 E. "B" Street, Ontario, CA**

*All documents available for public review are on file with the Authority's secretary  
located at 2151 S. Haven Avenue, Suite 202, Ontario, CA 91761.*

## **NOTICE AND AGENDA**

### **CALL TO ORDER**

### **FLAG SALUTE**

### **PUBLIC COMMENT**

*Members of the public may address the Board at this time on any non-agenda matter. Please complete a Comment Card and give it to the Secretary. Comments are limited to three (3) minutes per individual. State your name and address for the record before making your presentation. This request is optional, but very helpful for the follow-up process.*

*Under the provisions of the Brown Act, the CDA Board is prohibited from taking action on oral requests. However, Board Members may respond briefly or refer the communication to staff. The CDA Board may also request the Secretary to calendar an item related to your communication at a future CDA Board meeting.*

### **ACTION ITEMS**

*Prior to action of the CDA Board, any member of the audience will have the opportunity to address the CDA Board on any item listed on the agenda, including those on any consent calendar. Please submit a comment card to the secretary with the agenda item number noted.*

#### **1. MINUTES OF JULY 11, 2019 SPECIAL BOARD MEETING**

#### **2. PROFESSIONAL SERVICES AGREEMENT FOR THE CHINO II SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM PROGRAMMING SUPPORT SERVICES**

Report by: CDA General Manager/CEO O'Neill

##### **Staff Recommendation:**

1. Approve a Professional Services Agreement with Emerson Process Management Power & Water Solutions, Inc., in the not-to-exceed amount of \$150,000 for control system support services for FY 2019/20; and
2. Authorize the General Manager/CEO to finalize and execute the agreement and approve up to \$150,000 in authorized expenditures and extend the contract for up to four additional one-year periods consistent with CDA Board approved budget.

**3. PROFESSIONAL SERVICES AGREEMENT WITH ROGERS, ANDERSON, MALODY & SCOTT, LLP FOR INDEPENDENT AUDIT SERVICES**

Report by: CDA Principal Accountant Garcia

**Staff Recommendation:**

1. Approve a Professional Services Agreement with Rogers, Anderson, Malody and Scott, LLP in the not-to-exceed amount of \$48,530 for independent audit services for fiscal years 2018/19, 2019/20 and 2020/21; and
2. Authorize the General Manager/CEO to finalize and execute the agreement and extend the agreement for up to two additional one-year periods consistent with CDA Board approved budgets.

**4. FINAL REPORTING AND CLOSE-OUT OF COSTS OF EMERGENCY CAUSTIC CHEMICAL CLEANUP AND REPAIR OF CHEMICAL FEED PIPELINE**

Report by: CDA General Manager/CEO O'Neill

**Staff Recommendation:**

1. Receive a close-out report on emergency services due to a chemical release incident at the Concentrate Reduction Treatment Facility.

**STAFF COMMENTS**

- i. Deputy CDA General Counsel, Allison Burns
- ii. CDA CFO/Treasurer, Michael Chung
- iii. CDA General Manager/CEO, Tom O'Neill

**CLOSED SESSION**

*The Authority may adjourn to a Closed Session to consider litigation matters, personnel matters, or other matters as provided for in the Ralph M. Brown Act (Section 54950 et seq., of the Government Code).*

**5. CONFERENCE WITH REAL PROPERTY NEGOTIATORS**

**Property: APN 0218-231-13, 15, City of Ontario**

**CDA Negotiators: Tom O'Neill, Allison Burns**

**Negotiating parties: SC Ontario Development Company**

**Under negotiation: Price and terms of payment**

**6. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION:  
CONSIDERATION OF INITIATION OF LITIGATION PURSUANT TO  
GOVERNMENT CODE SECTION 54956.9(D)(4)**

**(TWO POTENTIAL CASES)**

**7. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION:  
SIGNIFICANT EXPOSURE TO LITIGATION PURSUANT TO GOVERNMENT CODE  
SECTION 54956.9(D)(2)**

**(ONE POTENTIAL CASES)**

**DIRECTOR COMMENTS**

**ADJOURNMENT**

Any person with a disability who requires accommodations in order to participate in this meeting or for package materials in an alternative format should telephone Executive Assistant Casey Costa at (909) 218-3730, at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation. Copies of records provided to Board Members which relate to any agenda item to be discussed in open session may be obtained from Chino Basin Desalter Authority at 2151 S. Haven Avenue, Suite 202, Ontario, CA 91761.

***Declaration of Posting***

*I, Casey Costa, Executive Assistant to the Chino Basin Desalter Authority, hereby certify that a copy of this agenda has been posted by 2:00 p.m. at the Chino Basin Desalter Authority's main office, 2151 S. Haven Ave., Ontario, CA on Monday, August 29, 2019.*

\_\_\_\_\_  
Casey Costa, Executive Assistant

**GENERAL  
MANAGER'S  
REPORT**

Date: August 21, 2019

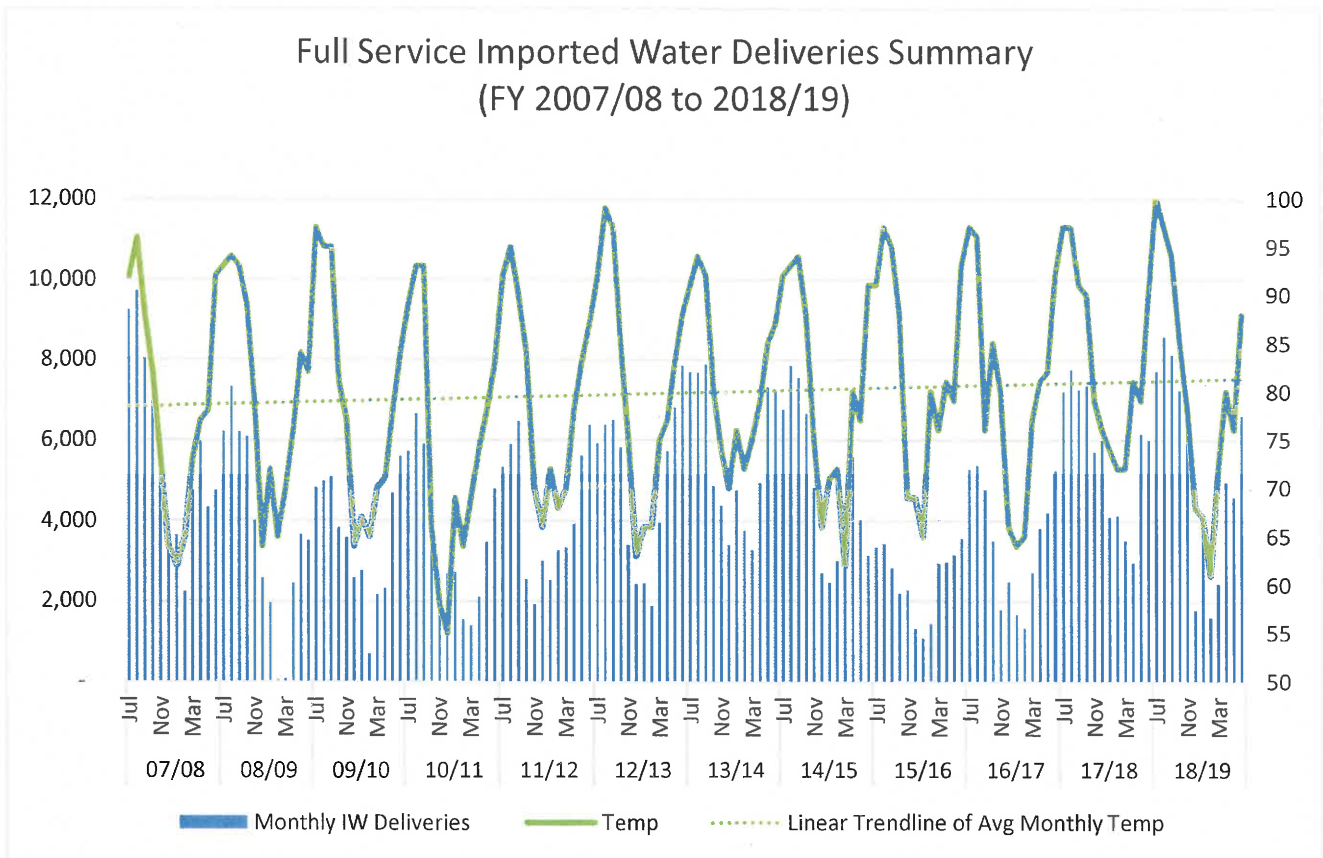
To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager *SD*

Subject: General Manager's Report Regarding Agency Activities

**PLANNING & ENVIRONMENTAL RESOURCES**

**A. Imported Water**



**B. Reclamation System**

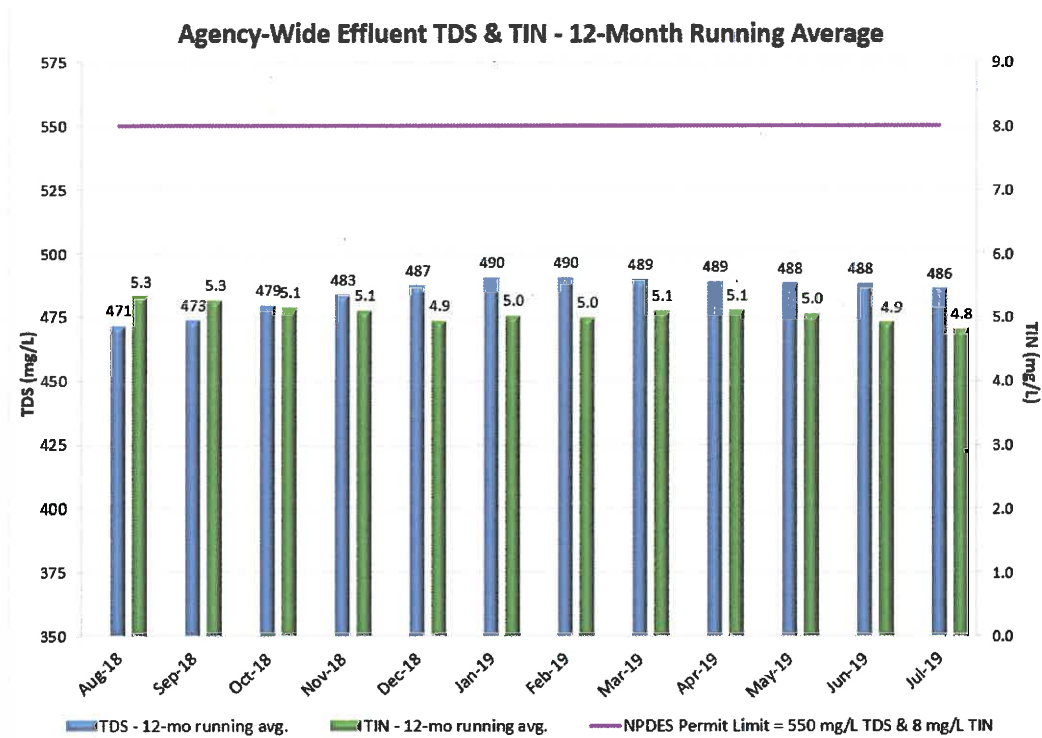
Regional Plants 1, 4, 5 and Carbon Canyon Water Recycling Facility met all the NPDES requirements and effluent/recycled water limitations during the month of July 2019.

1. The Agency-wide average sewer influent flow for the month of July 2019 was 48.8 million gallons per day (mgd) (preliminary value), which is a 0.4 mgd increase from the June 2019 total influent flow.

**IEUA Regional Influent Flows**

INFLUENT FLOW	RP-1	RP-4	RP-5	CCWRF	ALL FACILITIES
Daily Average (mgd)	22.7	9.9	8.5	7.6	48.8
Monthly Total (million gal.)	705	307	265	236	1,513

- The discharge permit effluent limit for total dissolved solids (TDS) is 550 mg/L. The 12-month running average TDS value for July 2019 was 486 mg/L (preliminary value).
- The discharge permit effluent limit for total inorganic nitrogen (TIN) is 8 mg/L. The 12-month running average TIN value for July 2019 was 4.8 mg/L (preliminary value).



**Air Quality**

There were no reportable incidents relating to air quality compliance during the month of July 2019. IEUA is awaiting notices from the SCAQMD Legal Department for the RP-1 violations received in December 2017.

**INLAND EMPIRE REGIONAL COMPOSTING FACILITY**

**A. Operational Comments**

Facility throughput for July averaged approximately 93% of permitted capacity at an average of 428 tons per day of biosolids and 102 tons per day of amendments (based on the 31-day month-to-date). Biosolids volumes are on target for the fiscal year. The facility is operating well with no violations, environmental compliance issues, or lost-time incidents.

**B. Facility Biosolids Throughput**

SOURCE	WET TONS MONTH	WET TONS YEAR TO DATE
Los Angeles County Sanitation District	6,333.22	41,539.08
Inland Empire Utilities Agency	6,083.18	40,616.51
Orange County Sanitation District	859.66	6,368.77
<b>TOTAL</b>	<b>13,276.06</b>	<b>88,524.36</b>

**C. Compost Sales**

Sales volumes were slightly increased from last year. Inventory is currently at 4,600 cubic yards. Inventory is projected to be depleted over the next three months from pending orders. Sales are projected to maintain production through the summer to meet the demands of the landscape markets. We have begun taking orders for the winter AG season and project depleting inventory before the end of the calendar year.

**D. Monthly Sales Summary**

CUBIC YARD	\$/CUBIC YARD	TOTAL REVENUE
15,197.96	\$1.78	\$26,993.99

**Fiscal Year-To-Date Sales Summary**

MONTH	TOTAL YARDS 2019/2020	TOTAL YARDS 2018/2019	TOTAL REVENUE 2019/2020	TOTAL REVENUE 2018/2019
July	15,197.96	14,910.11	\$26,993.99	\$24,972.01
<b>TOTAL</b>	<b>15,197.96</b>	<b>14,910.11</b>	<b>\$26,993.99</b>	<b>\$24,972.01</b>
<b>AVERAGE</b>	<b>15,197.96</b>	<b>14,910.11</b>	<b>\$26,993.99</b>	<b>\$24,972.01</b>

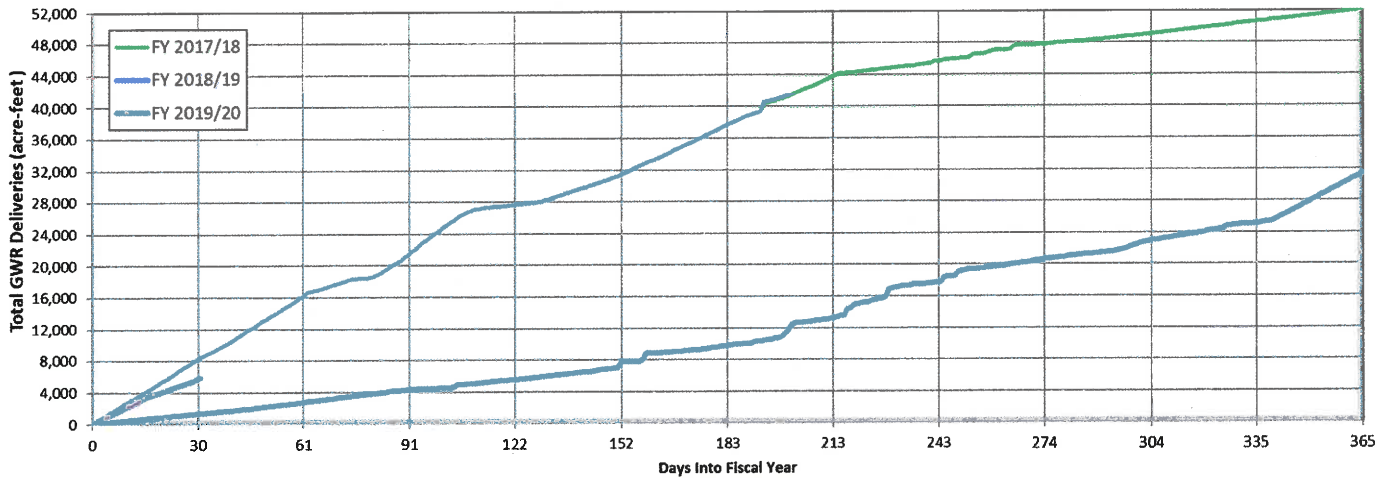


**RECYCLED WATER**

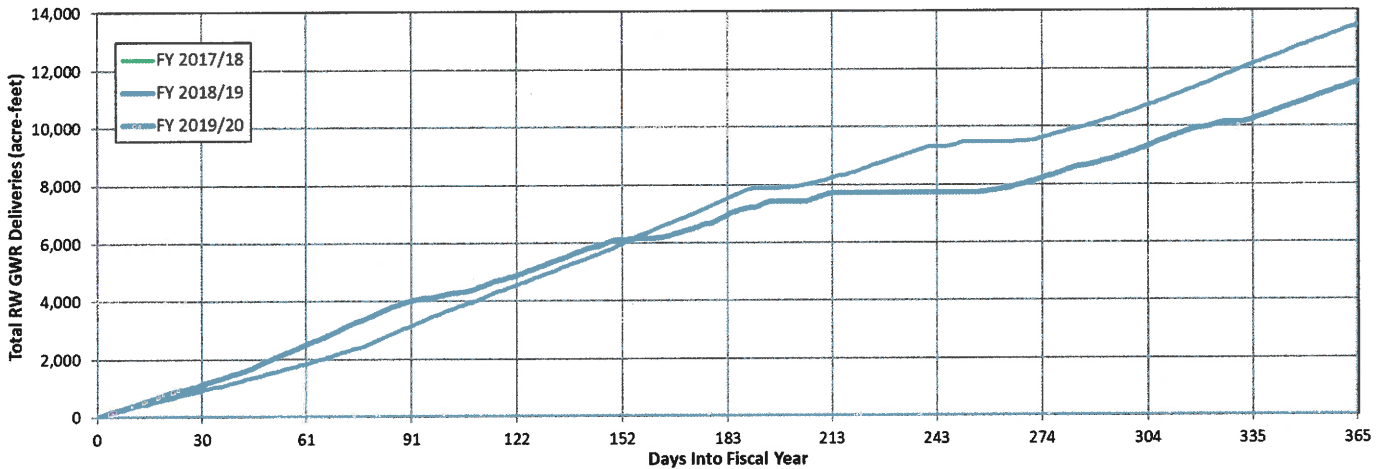
**A. Groundwater Recharge – July 2019**

During July 2019, recycled water recharge totaled 1,123 acre-feet. Dry weather flow recharge was approximately 31 acre-feet. Approximately 306 acre-feet of imported water was recharged in the Chino basin for storage by San Antonio Water Company. Recharge of imported water from MWD totaled 4,314 acre-feet. For supplemental water deliveries (imported and recycled), Chino Basin Watermaster will remove 4.2% for evaporation losses during the month of July. Considering evaporation, total recharge for the month was approximately 5,532 acre-feet.

**Total Groundwater Recharge – through July 2019**

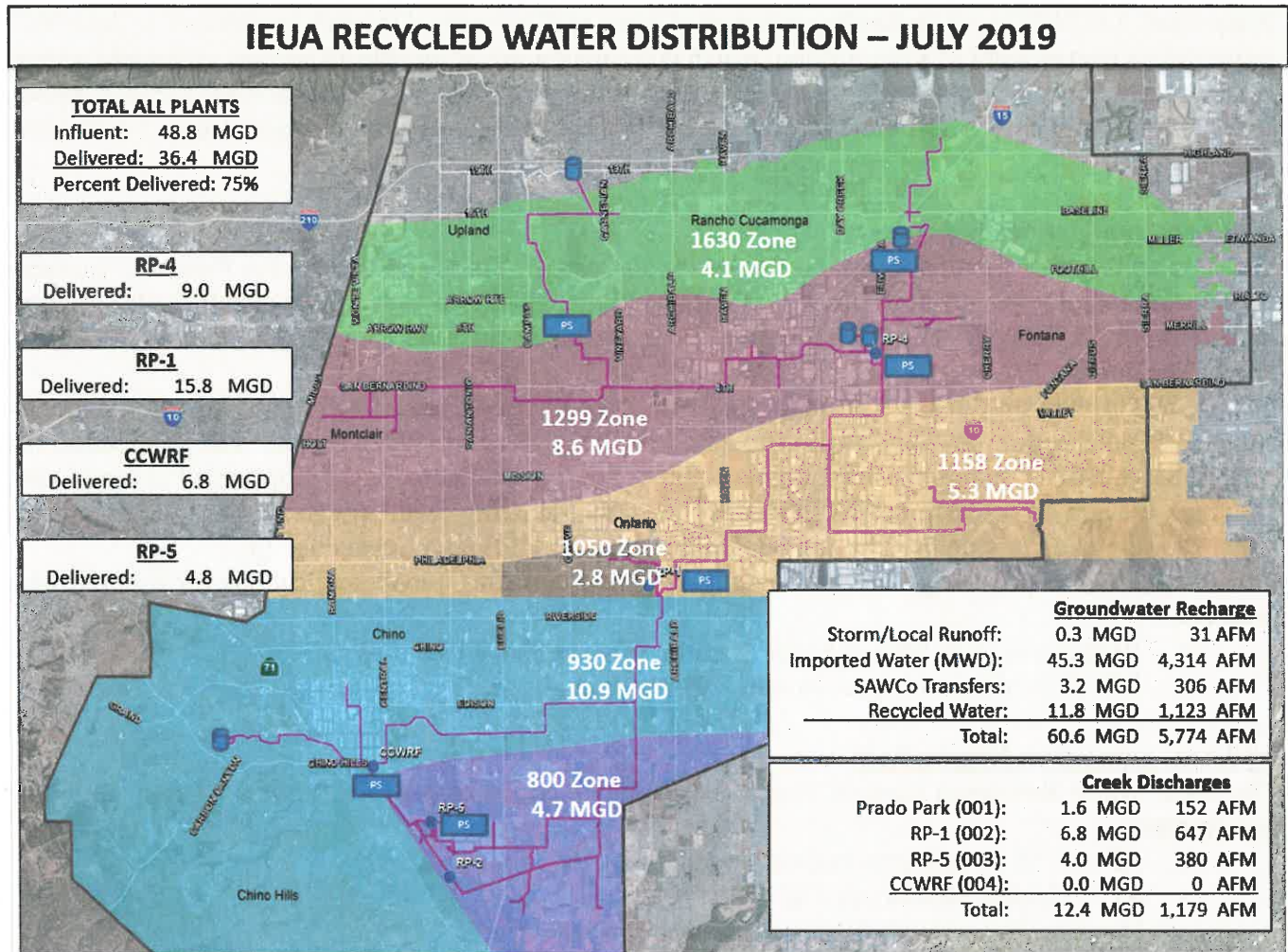


**Recycled Water Delivered to Groundwater Recharge – through July 2019**



**B. Recycled Water Distribution – July 2019**

During July 2019, 75% (36.4 MGD) of IEUA recycled water supply (48.8 MGD) was delivered into the distribution system for direct use customers (24.6 MGD) and groundwater recharge (11.8 MGD). Plant discharge to creeks feeding the Santa Ana River averaged 12.4 MGD.



## **GRANTS UPDATE**

### **A. Grant/Loan Applications Submitted:**

1. Through a competitive initial application process, IEUA's RP-5 Expansion Project was selected by the U.S. EPA to participate in the full application process for the 2019 Water Infrastructure Finance and Innovation Act (WIFIA) loan funding program. Grants staff submitted the full application in July 2019, requesting a loan amount of \$161 million, which is the maximum allowable 49 percent of the total project costs of \$325 million. Grants staff has also initiated discussions with the EPA to increase the loan amount to \$176 million, which is 49 percent of the revised project costs following the most recent construction estimates.

### **B. Grant/Loan Applications in Process:**

1. Grants staff is preparing an application for the Proposition 68 Trails and Greenways Program to expand the education center in the Chino Creek Wetlands and Educational Park, as well as install shade structures and restrooms in the park. The project proposal will be due to the California Natural Resources Agency in late September.
2. Grants staff is preparing an application for the WaterSMART Reclamation and Reuse Research under the Title XVI Program for the Chino Basin Program Pre-Design Report (PDR) Project. The application will request \$300,000 in funding, the maximum amount of funding available for the program's Funding Group II, which focuses on research efforts to identify ways that existing facilities can be modified to enhance water recycling and/or storage. The application is due to the USBR by September 23.
3. Grants staff is also preparing two new State Revolving Fund (SRF) loan applications for the following projects:
  - Philadelphia Lift Station Force Main Improvements - \$18.5 million
  - RP-1 Disinfection Improvements - \$8.4 million

### **C. Grant/Loan Agreement Negotiation:**

1. The State Water Resources Control Board (SWRCB) is conducting a final review of four SRF loan agreements:
  - RP-1 1158 Zone Pump Station Upgrade - \$6.7M
  - RP-5 Pipeline Bottleneck - \$2.8M
  - Baseline Expansion/Village of Heritage - \$6.9M
  - IEUA-JCSD RW Intertie - \$33M

New federal regulations require a closing resolution by the grantee to accept the SRF loan agreement. Following the SWRCB's issuance of each draft agreement, Grants staff will prepare a closing resolution for Board approval.

### **D. Grant Reimbursements Processed and Reporting Activities:**

None.

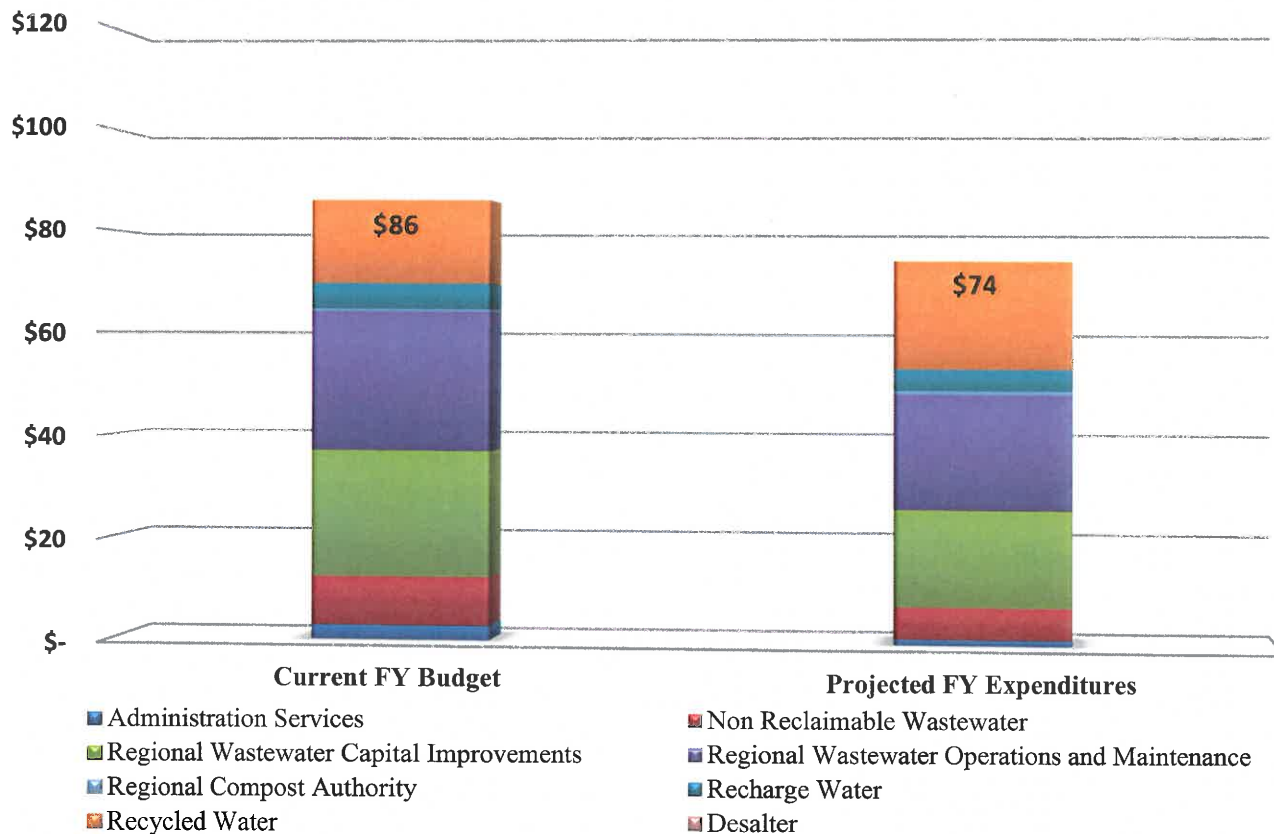
### **E. Other Department Activities:**

None.

**ENGINEERING AND CONSTRUCTION MANAGEMENT DEPARTMENT**

Engineering and Construction Management's current FY 2019/20 budget is \$86,126,276. As of July 31, staff has projected to spend \$74,381,668 (~86%).

*Engineering and Construction Management FY 19/20 Budget Status Update*



The accompanying attachments have detailed information for IEUA's capital improvement program.

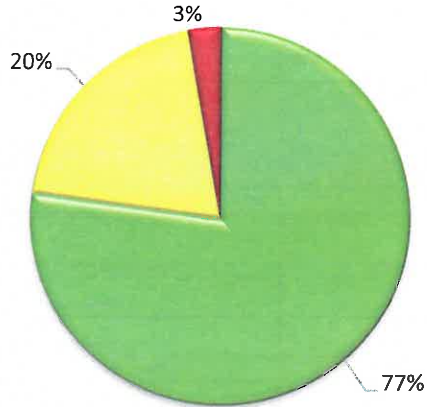
- Attachment A: Bid and Award Look Ahead Schedule
- Attachment B: Active Capital Improvement Project Status
- Attachment C: Emergency Projects

**Attachment A  
 Bid and Award Look Ahead Schedule**

Bid and Award Look Ahead Schedule			
	Project Name	Projected Bid Opening Date	Projected Bid Award Date
	Sep-19		
1	EN19041.00 San Bernardino Lift Station Facility Improvements	8/7/2019	9/18/2019
2	EN17082.00 Mechanical Restoration and Upgrades	8/6/2019	9/18/2019
	Oct-19		
3	EN19027.00 NRW Pipeline Relining Along Cucamonga Creek	9/4/2019	10/16/2019
	Nov-19		
4	RW15004.00 Lower Day Basin Improvements	9/25/2019	11/20/2019
	Dec-19		
5	EN22002.00 NRW East End Flowmeter Replacement	10/3/2019	12/18/2019
6	EN18006.00 RP-1 Flare Improvements	11/6/2019	12/18/2019
7	EN21004.00 1158 West Reservoir Re-coating/painting and Upgrades	10/15/2019	12/18/2019
8	RW15003.06 Wineville/Jurupa/Force Main Improvements	11/6/2019	12/18/2019
9	RW15003.03 Montclair Basin Improvements	11/6/2019	12/18/2019
	Jan-20		
10	EN17110.00 RP-4 Process Improvements	11/18/2019	1/15/2020
11	EN19025.00 Regional Force Main Improvements	12/2/2019	1/15/2020
12	FM20002.00 Agency Wide Roofing	12/4/2019	1/15/2020
13	EN17043.00 RP4 Primary Clarifier Rehab	11/18/2019	1/15/2020
14	EN23002.00 Philadelphia Lift Station Force Main Improvements	12/3/2019	1/15/2020
15	EN17041.00 Orchard Recycled Water Turnout Improvements	12/4/2019	1/15/2020
	Mar-20		
16	EN19006.00 RP-5 Biosolids Facility	2/5/2020	3/18/2020
17	EN20040.00 HQ Driveway Improvements	2/5/2020	3/18/2020
18	EN22004.00 1158 East Reservoir Re-coating/painting and Upgrades	2/5/2020	3/18/2020
19	EN19001.00 RP-5 Expansion to 30 mgd	2/5/2020	3/18/2020
20	EN19030.00 WC Asset Management (Assessment Only)	2/5/2020	3/18/2020
	Apr-20		
21	EN20058.00 RP-1 TP-1 Waste Wash Water Basin Pumps Replacement	3/4/2020	4/15/2020
22	EN20037.00 Agency Wide Chemical Containment Coating Rehabilitation	3/4/2020	4/15/2020
	Jul-20		
23	PA20003.00 Agency Wide Paving	4/21/2020	7/15/2020
24	EN20041.00 RP-1 TP-1 Bleach Mixing Repairs	6/3/2020	7/15/2020

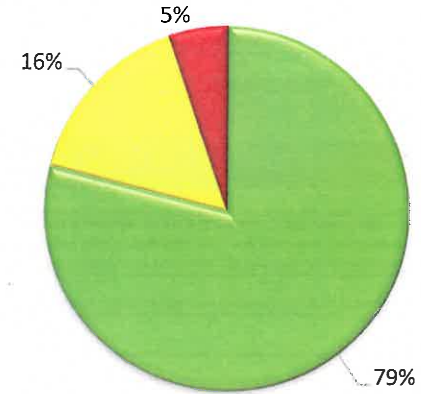
**Attachment B**  
**Active Capital Improvement Project Status**

Design Schedule Performance



■ On-Time ■ Recovery in Progress ■ Behind Schedule

Construction Schedule Performance



■ On-Time ■ Recovery in Progress ■ Behind Schedule

Agency-Wide							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
1	EN17080	System Cathodic Protection Improvements	718,910	3,540,851	On-Time	Construction	
2	EN19032	RO Safety Operations and Maintenance Projects		370,000	N/A	N/A	
3	EN19032.01	Agency-Wide Railing and Threshold Improvements (Budget is in EN19032)	239,442	-	On-Time	Construction	
4	EN20037	Agency Wide Chemical Containment Coating Rehabilitation	874	350,000	On-Time	Project Evaluation	
5	EN20038	Agency Wide Pavement Management Study	1,811	150,000	On-Time	Project Evaluation	
6	EN20054	Agencywide Chemical Containment Coating Evaluation	954	50,000	On-Time	Project Evaluation	
7	FM20001	HQ Interior Replacements	2,766	320,000	On-Time	Project Evaluation	
8	FM20002	Agency Wide Roofing	1,521	1,481,064	On-Time	Consultant Contract Award	
9	PA20003	Agency Wide Paving	-	640,000	On-Time	Project Evaluation	
Totals			966,277	6,901,915			

Carbon Canyon							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
10	EN18036	CCWRF Asset Management and Improvements - Package III	-	2,420,000	N/A	N/A	
11	EN18036.01	CCWRF RW Pump Station Control Bldg. HVAC Modifications (Budget is in EN18036)	-	-	On-Time	Construction	
12	EN19032.02	CCWRF Electrical Wiring Repair (Budget is in EN19032)	11,514	-	On-Time	Construction	
Totals			11,514	2,420,000			
Chino Desalter Authority (CDA)							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
13	EN16021	TCE Plume Cleanup	12,846,622	17,294,171	Recovery in Progress	Design	The property acquisition took longer than expected. The project will not be able to recover the original baseline. The drilling of the monitoring well is scheduled to start on August 19, 2019. The construction contract for the first phase of the pipeline was put out to bid on July 31, 2019. The project will be re-baselined per the most recent schedule submitted by the design consultant.
Totals			12,846,622	17,294,171			
Collections							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
14	EN19025	Regional Force Main Improvements	125,757	1,250,000	On-Time	Design	
15	EN19027	NRW Pipeline Relining Along Cucamonga Creek	61,764	2,395,000	On-Time	Permits	
16	EN19041	San Bernardino Lift Station Facility Improvements	4,230	200,000	On-Time	Bid and Award	
17	EN20056	RSS Haven Avenue Repair & Replacement	1,883	6,000,000	On-Time	Project Evaluation	
18	EN22002	NRW East End Flowmeter Replacement	338,128	1,986,985	Recovery in Progress	Design	The project schedule will be re-baselined once the project is awarded and the Contractor's schedule is received.
19	EN23002	Philadelphia Lift Station Force Main Improvements	353,106	18,500,000	Recovery in Progress	Design	This project is delayed due to the proposed pipeline alignment discussions with the City of Ontario which took longer than anticipated. Recovery is not possible. Project schedule will be re-baselined once the project is awarded and the Contractor's schedule is received.
Totals			884,868	30,331,985			
Groundwater Recharge							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
20	RW15003	Recharge Master Plan Update	-	7,490,500	N/A	N/A	
21	RW15003.03	Montclair Basin Improvements (Budget is in RW15003)	226,252	-	Recovery in Progress	Design	The project was approved to be adjusted to allow for the delays due to additional regulatory review from Army Corps/Fish and Wildlife/Regional Water Quality. Staff is still waiting on the Corps' final approval. Project will be re-baselined when contract is awarded, and contractor's schedule is received.
22	RW15003.05	RP-3 Basin Improvements (Budget is in RW15003)	385,058	-	On-Time	Construction	
23	RW15003.06	Wineville/Jurupa/Force Main Improvements (Budget is in RW15003)	1,048,555	-	Recovery in Progress	Design	An easement is required to place the new pipeline within the Flood Control District's easement. Staff will be working with three property owners to acquire an easement. Staff will expedite this added effort to mitigate further delays in starting construction. Project will be re-baselined when contract is awarded, and contractor's schedule is received.
24	RW15004	Lower Day Basin Improvements	544,558	4,008,000	Behind Schedule	Design	Due to the extended time in addressing the permit requirements with San Bernardino County Flood Control District on the issues of meeting regulatory approval from Army Corps/Fish and Wildlife/Regional Water Quality, there is no plan in recovering the lost time. The project schedule was extended to reflect the delay. With the permit currently on hand, construction bid started on July 22, 2019, with the construction award scheduled for October 16, 2019.
25	RW19002	CBWM Pomona Extensometer Construction	1,152,923	1,463,581	On-Time	Construction	
Totals			3,357,345	12,962,081			

General Manager's Report

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Headquarters							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
26	EN19038	HR Exit Door	25,482	75,000	On-Time	Construction	
27	EN20040	HQ Driveway Improvements	719	400,000	On-Time	Consultant Contract Award	
Totals			26,201	475,000			

IERCF							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
28	RA17007	IERCF Building Improvements		400,000	N/A	N/A	
29	RA17007.01	IERCF Design Build Wash Pad Cover (Budget is in RA17007)	16,428	-	Recovery in Progress	Construction	During design Building & Safety informed us the project must go through the City of Rancho Cucamonga 30-day review process which was not anticipated in the original project schedule. Schedule will be updated when the permit is received.
30	RA19002	IERCF Trommel Screen Improvements	1,369,900	1,600,000	Behind Schedule	Construction	The project is waiting on completion of one punch list item. Recovery is not possible.
Totals			1,386,328	2,000,000			

Regional Water Recycling Plant No. 1 (RP-1)							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
31	EN13016.05	SCADA Enterprise System - (Regional Water Recycling Plant No. 1) (Budget is in EN13016)	465,789	-	Recovery in Progress	Pre-Design	The project will be re-baselined when the consultant submits a revised project schedule.
32	EN14019	RP-1 Headworks Primary and Secondary Upgrades	9,284,070	9,750,000	Recovery in Progress	Construction	Additional days were negotiated with the contractor as a non-compensable change order due to the procurement of the motor control center. The project has remained within budget and is scheduled for completion by the end of August 2019.
33	EN14042	1158 RWPS Upgrades	2,119,189	7,900,000	On-Time	Construction	
34	EN15012	RP-1 Primary Effluent Conveyance Improvements	-	6,692,610	N/A	N/A	
35	EN15012.01	RP-1 Plant No. 2 Effluent Conveyance Improvements (Budget is in EN15012)	248,869	-	On-Time	Construction	
36	EN17042	Digester 6 and 7 Roof Repairs	2,712,098	4,868,387	On-Time	Construction	
37	EN17044	RP-1 12 kV Switchgear and Generator Control Upgrades	1,085,385	5,870,248	On-Time	Design	
38	EN17045	RP-1 Filter Valve Replacement	231,283	890,000	On-Time	Construction	
39	EN17082	Mechanical Restoration and Upgrades	794,306	7,945,844	On-Time	Bid and Award	
40	EN18006	RP-1 Flare Improvements	688,275	5,564,918	On-Time	Design	
41	EN19043	RP-1 Centrifuge Foul Air Line	110	45,000	On-Time	Consultant Contract Award	
42	EN20041	RP-1 TP-1 Bleach Mixing Repairs	1,618	680,000	On-Time	Project Evaluation	
43	EN20043	RP-1 Pipe Gallery Staircase Evaluation	1,478	50,000	On-Time	Consultant Contract Award	
44	EN24001	RP-1 Liquid Treatment Capacity Recovery	4,176,532	182,050,000	On-Time	Design	
45	EN24002	RP-1 Solids Treatment Expansion	1,231,669	48,050,000	On-Time	Design	
Totals			23,040,671	280,357,007			

Regional Water Recycling Plant No. 2 (RP-2)							
No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
Totals			-	-			



**Regional Water Recycling Plant No. 4 (RP-4)**

No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
46	EN13016.03	SCADA Enterprise System - (Regional Water Recycling Plant No. 4 ) (Budget is in EN13016)	3,363,891	-	On-Time	Construction	
47	EN17043	RP4 Primary Clarifier Rehab	514,732	7,681,542	On-Time	Design	
48	EN17110	RP-4 Process Improvements	6,205,154	20,962,396	On-Time	Design	
49	EN19010	RP-4 Influent Screen Replacement	41,462	3,040,000	On-Time	Consultant Contract Award	
50	EN19029	RP-4 Outfall Pipeline	305,012	945,000	On-Time	Construction	
<b>Totals</b>			<b>10,430,250</b>	<b>32,628,938</b>			

**Regional Water Recycling Plant No. 5 (RP-5)**

No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
51	EN14043	RP-5 RW Pipeline Bottleneck	1,555,491	3,137,169	On-Time	Construction	
52	EN19001	RP-5 Expansion to 30 mgd	10,227,356	175,000,000	On-Time	Design	
53	EN19006	RP-5 Biosolids Facility	10,183,139	165,000,000	On-Time	Design	
<b>Totals</b>			<b>21,965,985</b>	<b>343,137,169</b>			

**Recycled Water**

No.	Project ID	Project Title	Total Expenditures thru 7/31/2019 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
49							
54	EN15002	1158 Reservoir Site Cleanup	53,867	1,215,000	On-Time	Project Evaluation	
55	EN17041	Orchard Recycled Water Turnout Improvements	127,592	430,910	Recovery in Progress	Design	The Army Corps of Engineers (USACE) reviewed the plans and required the connection be redesigned which has been submitted for their review. The project schedule will be re-baselined once the project is awarded and the contractor's schedule is received.
56	EN17049	Baseline RWPL Extension	889,786	6,702,000	On-Time	Construction	
57	EN21004	1158 West Reservoir Re-coating/painting and Upgrades	2,088	1,000,000	On-Time	Pre-Design	
58	WR15021	Napa Lateral	1,504,425	6,967,717	On-Time	Construction	
<b>Totals</b>			<b>2,577,758</b>	<b>16,315,627</b>			
<b>Overall Totals</b>			<b>77,493,820</b>	<b>744,823,893</b>			

**Attachment C**

FY18/19 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 7/31/2019	Date of Award	Status
Agency Wide									
1	EN19042.00	W.A. Rasic Construction	HQ-B 2in Potable Water Leak	Agencywide	TO-0010	10,000	16,836	2/27/2019	Completed
2	EN19019.12	W.A. Rasic Construction	El Prado Manhole Adjustment	Agencywide	TO-0012	35,000	52,669	3/17/2019	Completed
RP-1									
3	EN19019.10	W.A. Rasic Construction	RP-1 Digester Gas Leak Repair	RP-1	TO-0011	26,100	37,124	2/28/2019	Completed
4	EN19019.13	W.A. Rasic Construction	RP-1 Gravity Thickener Cover Removal	RP-1	TO-0015	50,800	3,612	6/5/2019	Completed
5	EN19019.14	W.A. Rasic Construction	RP-1 UW Line Leak	RP-1	TO-0017	10,900	338	6/10/2019	Completed
RP-5									
6	EN19017.08	T.E. Roberts	RP-5 RW 18-inch Line Repair	RP-5	TO-0001	35,000	29,059	5/28/2019	Completed
7	EN19017.09	W.A. Rasic Construction	RP-5 RW Leak	RP-5	TO-0016	5,495	1,035	6/12/2019	Completed
GWR									
8	N/A	JCE Equipment Inc.,	Brooks Basin Infiltration Restoration	Brooks Basin Montclair	10300-161203-410000-521080	274,058	636,931	9/4/2018	-
Recycled Water									
9	EN19017.06	W.A. Rasic Construction	RW Pipeline Water Leak East Preserve Loop	RW	TO-0013	65,000	99,332	4/27/2019	Completed
10	EN19017.07	W.A. Rasic Construction	RW Lateral Water Leak on Bickmore	RW	TO-0014	59,600	6,479	5/8/2019	Active
Totals						571,953	883,416		

July 2019 Emergency						
Contractor	Task Order Description	Details of the Circumstances/Cause of Emergency	Scope of Repair	Location	Date of Call Out	Not-to-Exceed /Estimate
N/A						