NOTICE OF MEETING

OF THE

REGIONAL SEWERAGE PROGRAM
POLICY COMMITTEE

OF THE

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

WILL BE HELD ON

THURSDAY, NOVEMBER 1, 2018
4:00 P.M.

BOARDROOM
AT THE OFFICE OF THE AGENCY
6075 KIMBALL AVENUE, BUILDING A
CHINO, CA 91710
Regional Sewerage Program Policy Committee Meeting

AGENDA
Thursday, November 1, 2018
4:00 p.m.

Location
Inland Empire Utilities Agency
Boardroom
6075 Kimball Avenue
Chino, CA 91708

Call to Order and Roll Call

Pledge of Allegiance

Public Comment

Changes/Additions/Deletions to the Agenda

1. Technical Committee Report (Oral)

2. Action Item
   A. Meeting Minutes for September 6, 2018
   B. RP-1 1158 Recycled Water Pump Station Upgrades Construction
      Engineering Items

3. Informational Items
   A. Chino Basin Project (Prop 1)

4. Receive and File
   A. Building Activity Update
   B. Recycled Water Distribution – Operations Summary
   C. ESIP Annual Reports
   D. FY 2017/18 Fourth Quarter Budget Variance Report
   E. Legislative Update (Legislature reconvenes in January 2019)
   F. Engineering Quarterly Project Updates

5. Other Business
   A. IEUA General Manager’s Update
   B. Committee Member Requested Agenda Items for Next Meeting
   C. Committee Member Comments

(Continued)
D. Next Meeting – December 6, 2018

6. Adjournment

DECLARATION OF POSTING

I, Laura Mantilla, Executive Assistant of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of this agenda has been posted to the IEUA Website at www.ieua.org and posted in the foyer at the Agency’s main office at 6075 Kimball Avenue, Building A, Chino, CA, on Thursday, October 25, 2018.

Laura Mantilla
ACTION ITEM

2A
Regional Sewerage Program  
Policy Committee Meeting  

MINUTES OF SEPTEMBER 6, 2018 MEETING

CALL TO ORDER
A meeting of the IEUA/Regional Sewerage Program – Policy Committee was held on Thursday, September 6, 2018, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, California. Chairwoman Trisha Martinez, City of Montclair, called the meeting to order at 4:02 p.m.

ATTENDANCE

Committee Members:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eunice Ulloa</td>
<td>City of Chino</td>
</tr>
<tr>
<td>Peter Rogers</td>
<td>City of Chino Hills</td>
</tr>
<tr>
<td>Kathy Tiegs</td>
<td>Cucamonga Valley Water District</td>
</tr>
<tr>
<td>Jesse Armendarez</td>
<td>City of Fontana</td>
</tr>
<tr>
<td>Trisha Martinez</td>
<td>City of Montclair</td>
</tr>
<tr>
<td>Jim Bowman</td>
<td>City of Ontario</td>
</tr>
<tr>
<td>Kati Parker</td>
<td>Inland Empire Utilities Agency</td>
</tr>
</tbody>
</table>

Absent:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debbie Stone</td>
<td>City of Upland</td>
</tr>
</tbody>
</table>

Others Present:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mike Harty</td>
<td>Kearns &amp; West, Inc.</td>
</tr>
<tr>
<td>Dennis Diemer</td>
<td>Diemer Engineering, Inc.</td>
</tr>
<tr>
<td>Terra Alpaugh</td>
<td>Kearns &amp; West, Inc.</td>
</tr>
<tr>
<td>Dave Crosley</td>
<td>City of Chino</td>
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<tr>
<td>Eduardo Espinoza</td>
<td>Cucamonga Valley Water District</td>
</tr>
<tr>
<td>Scott Burton</td>
<td>City of Ontario</td>
</tr>
<tr>
<td>Courtney Jones</td>
<td>City of Ontario</td>
</tr>
<tr>
<td>Noel Castillo</td>
<td>City of Montclair</td>
</tr>
<tr>
<td>May Atencio</td>
<td>City of Fontana</td>
</tr>
<tr>
<td>Halla Razak</td>
<td>Inland Empire Utilities Agency</td>
</tr>
<tr>
<td>Chris Berch</td>
<td>Inland Empire Utilities Agency</td>
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<tr>
<td>Kathy Besser</td>
<td>Inland Empire Utilities Agency</td>
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</tbody>
</table>
Others Present (continued):

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Randy Lee</td>
<td>Inland Empire Utilities Agency</td>
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<tr>
<td>Shaun Stone</td>
<td>Inland Empire Utilities Agency</td>
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<tr>
<td>Craig Proctor</td>
<td>Inland Empire Utilities Agency</td>
</tr>
<tr>
<td>Ken Tam</td>
<td>Inland Empire Utilities Agency</td>
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<tr>
<td>Laura Mantilla</td>
<td>Inland Empire Utilities Agency</td>
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</tbody>
</table>

PLEDGE OF ALLEGIANCE
Committee Member Jim Bowman led those present in the pledge of allegiance to the flag. A quorum was present.

PUBLIC COMMENTS
There were no public comments.

ADDITIONS/CHANGES TO THE AGENDA
There were none.

1. **TECHNICAL COMMITTEE REPORT – AUGUST 30, 2018**
   Noel Castillo/City of Montclair reported the following:
   - The Technical Committee approved the recommendation of the contract award for RP-5 Recycled Water Pipeline Bottleneck project to T.E. Roberts Inc., in the amount of $2,023,600.
   - The Committee discussed pretreatment discharge standards.
   - The Regional Contract negotiations meetings are continuing. Kearns & West will provide an update under Item 3A.

2. **ACTION ITEMS**
   A. **APPROVAL OF THE MINUTES OF THE AUGUST 2, 2018 POLICY COMMITTEE MEETING**
      Kati Parker/IEUA noted that Noel Castillo presented; however, was not listed in the minutes. The minutes will be corrected to reflect that Mr. Castillo attended the August meeting.

      **Motion:** By Jim Bowman/City of Ontario and seconded by Peter Rogers/City of Chino Hills to approve the minutes of August 2, 2018 Regional Policy Committee meeting.

      **Motion carried:** Unanimously with Kati Parker/IEUA and Jesse Armendarez/City of Fontana abstaining.

   B. **RP-5 RW PIPELINE BOTTLENECK CONSTRUCTION CONTRACT AWARD**
      Shaun Stone/IEUA stated that the recycled water pump station is located at RP-5. Mr. Stone reviewed the scope of work, which consists of maximizing recharge and beneficial use of recycled water, replacing non-functional valves, upgrading valves, flow meters, and pressure regulating valves. This project is 50% funded by the California Clean Water State Revolving Fund Program. IEUA received five bids in July. T.E. Roberts was the lowest responsive responsible bidder at $2,023,600. If the construction contract is awarded in August, the project will be
completed in August 2019. Mr. Stone requested that the Committee recommend to the IEUA Board of Directors to award the construction contract to T.E. Roberts for $2,023,600.

**Motion:**
By Jim Bowman/City of Ontario and seconded by Kathy Tiegs/CVWD to recommend to the IEUA Board of Directors to award the construction contract for the RP-5 RW Pipeline Bottleneck Construction Contract Award to T.E. Roberts, Inc. in the amount of $2,023,600.

**Motion carried:** Unanimously.

3. **INFORMATIONAL ITEMS**
   A. **REGIONAL CONTRACT UPDATE**
      Mike Harty/Kearns & West Inc. provided the Committee with an update on the Regional Contract negotiations. Mr. Harty explained that a memo was provided to the Technical Committee with the approach, schedule and key issues based on the interviews. Mr. Harty stated that in early August, the topic discussed was recycled water and an issue scoping paper was developed. Mr. Harty then reviewed the signed terms of reference framework with the Committees. Kearns & West will be providing quarterly updates on the progress to the Policy Committee

      Kathy Tiegs/CVWD thanked the K&W team for the update and noted that she appreciates that the aggressive timeframe and everyone’s engagement. Ms. Tiegs also thanked Halla Razak for the support she is providing and maintaining the level of transparency.

   B. **LEGISLATIVE UPDATE**
      Kathy Besser/IEUA provided a summary on the following bills and stated IEUA’s position:
      - SB 998 – Discontinuation of Residential Water Service: Urban and Community Water Systems. This bill passed; IEUA opposes.
      - AB 2050 – Small System Water Authority Act of 2018. This bill passed; IEUA supports.
      - SB 623 – Water quality: safe and affordable drinking water fund. The budget trailer bill was removed and is now SB845 – Requires the retail water providers invoice and collect a voluntary donation. Retail customer can choose to optout. This bill is not going forward this year; IEUA opposes.

4. **RECEIVE AND FILE**
   A. **BUILDING ACTIVITY UPDATE**
      The Building Activity Update for June 2018 was received and filed by the Committee.

   B. **RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY**
      The Recycled Water Distribution Operations Summary for July 2018 was received and filed by the Committee.

   C. **SEPTIC TO SEWER FEASIBILITY STUDY**
      The Septic Feasibility Study was received and filed by the Committee.
D. KEARNS & WEST PRELIMINARY NEGOTIATION SCHEDULE
The Kearns & West Preliminary Negotiation Schedule was received and filed by the Committee.

5. OTHER BUSINESS
A. IEUA GENERAL MANAGER’S UPDATE
   • Halla Razak informed the Committee of the staff changes due to the Prop 1 Project. Chris Berch, Sylvie Lee and Elizabeth Hurst will focus solely on the project. Shaun Stone will be Acting Executive Manager of Engineering/AGM until the end of this year. IEUA will be sharing the analysis with the Regional Committees in the coming months.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

C. COMMITTEE MEMBER COMMENTS
   Ms. Tiegs thanked Ms. Besser for the legislative update and complimented the Committee for coming together to support the cities in retaining local control.

D. NEXT MEETING – NOVEMBER 1, 2018

6. ADJOURNMENT – Meeting was adjourned at 4:31 p.m.

Transcribed by:

Laura Mantilla, Executive Assistant
ACTION ITEM

2B
Date: October 25/November 1, 2018
To: Regional Committees
From: Inland Empire Utilities Agency
Subject: RP-1 1158 Recycle Water Pump Station Upgrades Construction Contract Award

RECOMMENDATION

It is requested that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the Regional Water Recycling Plant No. 1 1158 Recycle Water Pump Station Upgrades, Project No. EN14042, to Stanek Constructors, Inc. in the amount of $4,430,000.

BACKGROUND

The 2015 Recycled Water Program Strategy concluded that the RP-1 1158 Zone pumps are inadequate to meet the future recycled water demands in the northern service area. In 2016, IEUA retained the engineering services of Stantec to perform a feasibility study to define the existing 1158 Zone pump system limitations and provide recommendations for improvement. The results of the study indicated that the existing system is undersized, and needs be expanded to meet the recycled water demands in the northern service area.

The scope of work for this project in as follows:
- Replace existing four (4) 400 HP pumps with four (4) 700 HP line shaft vertical turbine pumps and associated variable frequency drives
- Replace 2,500-gallon surge tank with 7,500-gallon surge tank and surge control system
- Install 10-inch pressure relief and surge anticipator valves.
- Install two (2) energy dissipation valves with control feed/back position
- Replace two (2) existing 2,000 kVA transformers with two (2) 3,000 kVA transformers.
- Replace (1) 24-inch flowmeter and multiple 24-inch isolation valves
- Coat existing pump station wet well ceiling

The RP-1 1158 Recycled Water Pump Station Upgrades Project will be funded by a Clean Water State Revolving Fund grant and loan.

On September 6, 2018, a request for bids was advertised on Planet Bids to seven prequalified contractors. Five of the seven pre-qualified contractors participated in the pre-bid job walk held on September 12, 2018.
On October 16, 2018, the following bids were received:

<table>
<thead>
<tr>
<th>Bidder’s Name</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stanek Constructors, Inc.</td>
<td>$4,430,000</td>
</tr>
<tr>
<td>J. F. Shea Construction, Inc.</td>
<td>$4,852,600</td>
</tr>
<tr>
<td>Olsson Construction, Inc.</td>
<td>$4,926,372</td>
</tr>
<tr>
<td>W. A. Rasic Construction Company, Inc.</td>
<td>$5,375,000</td>
</tr>
<tr>
<td>Kiewit Infrastructure West Co.</td>
<td>$5,585,500</td>
</tr>
<tr>
<td><strong>Engineer’s Estimate</strong></td>
<td><strong>$7,000,000</strong></td>
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</table>

Stanek Constructors, Inc. was the lowest responsive, responsible bidder with a bid price of $4,430,000. Stanek Constructors, Inc. was pre-qualified by IEUA by presenting the required experience on performing similar projects with other utilities and cities showing good workmanship and responsiveness. Stanek Constructors, Inc.’s bid forms met the required submittal and demonstrated a good faith effort to solicit for disadvantage and small business enterprise as required by California Clean Water State Revolving Fund Program.

The following table presents the anticipated project cost:

<table>
<thead>
<tr>
<th>Description</th>
<th>Estimated Cost</th>
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</thead>
<tbody>
<tr>
<td><strong>Design Services</strong></td>
<td></td>
</tr>
<tr>
<td>Design Contract</td>
<td>$627,348</td>
</tr>
<tr>
<td>IEUA Design Services (actuals)</td>
<td>$222,286</td>
</tr>
<tr>
<td><strong>Construction Services</strong></td>
<td><strong>883,000</strong></td>
</tr>
<tr>
<td>Services During Construction (~12%)</td>
<td>$533,000</td>
</tr>
<tr>
<td>IEUA Construction Services (~8%)</td>
<td>$350,000</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td><strong>4,873,000</strong></td>
</tr>
<tr>
<td>Construction Contract (this action)</td>
<td>$4,430,000</td>
</tr>
<tr>
<td>Contingency (10%)</td>
<td>$443,000</td>
</tr>
<tr>
<td><strong>Total Project Cost</strong></td>
<td><strong>6,605,634</strong></td>
</tr>
<tr>
<td><strong>Total Project Budget</strong></td>
<td><strong>7,900,000</strong></td>
</tr>
<tr>
<td><strong>Total Remaining Budget</strong></td>
<td><strong>1,294,366</strong></td>
</tr>
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The following is the project schedule:

<table>
<thead>
<tr>
<th>Project Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Contract Award</td>
<td>November 2018</td>
</tr>
<tr>
<td>Construction Completion</td>
<td>January 2020</td>
</tr>
</tbody>
</table>

The RP-1 1158 RWPS Upgrades Project is consistent with *IEUA’s Business Goal of Wastewater Management*, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.
RP-1 1158 Recycled Water Pump Station Upgrades
Construction Contract Award
Project No. EN14042

Shaun J. Stone, P.E.
October 2018
Project Location

RP-1 1158 Recycled Water Pump Station
The Project

- Feasibility Study
  - Indicated pump system limitations and required upgrades
  - Inadequate pump capacity to meet future recycle water demand

- Scope includes:
  - Replace existing 400 HP pumps with 700 HP pumps
  - Perform upgrades to the electrical system
  - Provide surge protection upgrades
  - Perform coating repairs to the existing wet well structure
## Project Budget and Schedule

<table>
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### Project Milestone

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<td>Construction Completion</td>
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</table>
Recommendation

It is requested that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the Regional Water Recycling Plant No. 1 1158 Recycled Water Pump Station Upgrades, Project No. EN14042, to Stanek Constructors, Inc. in the amount of $4,430,000.

The RP-1 1158 Recycled Water Pump Station Upgrades Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.
Chino Basin Project
1water forward

Chino Basin Conjunctive Use Environmental Water Storage / Exchange Program

Tech & Policy Committees | October/November 2018

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT
AGENDA

1. Region’s Success in Water Resilience
2. Chino Basin Project (CBP) Delivers 1Water Innovation
3. CBP Achieves Affordable Investment in Basin Needs
4. CBP Reduces Risks
5. Next Steps
IEUA is Advancing Regional Water Resilience

1950
Past Water Portfolio

- Chino Basin Groundwater
- Creek Water
- MWD Imported Water

2018
Today's Water Portfolio

- Chino Basin Groundwater
- Creek Water
- MWD Imported Water
- Recycled Water
- Water Use Efficiency
- Chino Basin Desalter
- Groundwater Recharge
Advancing Regional Water Resilience

$500 million investment in water infrastructure

25% increase in local water supplies

achieved 100% regional water use efficiency target
IEUA is Advancing Regional Water Resilience

Water Portfolio

- **70%** Local Supplies
- **30%** State Water Project (Sierra Nevada)

Local supplies impacted by salts/total dissolved solids (TDS) & subsidence continues to be a risk

Imported water supplies vulnerable to drought and water quality
AGENDA

1. Region’s Success in Water Resilience

2. Chino Basin Project (CBP) Delivers 1Water Innovation

3. CBP Achieves Affordable Investment in Basin Needs

4. CBP Reduces Risks

5. Next Steps
Chino Basin Project is a 25-Year Collaboration that Provides Regional and State-Wide Benefits

1. Treat local water supplies at new advanced water treatment (AWT) and store in the Chino Basin

2. Pump stored Chino Basin groundwater from storage to State Water Project (SWP) Contractor

3. SWP Contractor releases equivalent amount of water at Oroville Reservoir for ecosystem benefits at the Delta
CBP 1Water Innovation Benefits

QUALITY
Lowers TDS in the Basin

SUBSIDENCE
Stored local water lowers subsidence concerns

NEW INFRASTRUCTURE
Leverages Prop 1 funding for needed water infrastructure

SECURITY
Stores additional water locally

BASIN STAKEHOLDERS
Achieves Basin and water supply objectives

Alignment with Optimum Basin Management Program Objectives
AGENDA

1. Region's Success in Water Resilience

2. Chino Basin Project (CBP) Delivers 1Water Innovation

3. CBP Achieves Affordable Investment in Basin Needs

4. CBP Reduces Risks

5. Next Steps
Investment in Basin Needs

IEUA's Largest Grant Funding Award

$207 million Award toward $385M project

54% of the Chino Basin Project funded

100% consistent with the Capital Improvement Plan
Investment In Basin Needs

$100 million capital investment

Recycled Water Interties Improves Water Management Flexibility
Maximizes the ability to utilize local recycled water supplies and reduces TDS and subsidence

Recycled Water Interties
Improves Water Quality & Flexibility
Investment In Basin Needs

$80 million capital investment

Plant produces new high-quality water source
Ensures regulatory compliance while reducing TDS and subsidence risk
$90 million capital investment

Promotes Water Management Flexibility

Supports region's water needs through system interconnection amongst agencies and imported water pipeline

Investment In Basin Needs
Investment In Basin Needs

$115 million capital investment

Well Improvements Maximize Local Water Use
Achieves timely well improvements for optimal use of existing supplies

Well Improvements
Maximizes Use of Existing Water Supply
Investment In Basin Needs

1. Recycled Water Interiors
   - Improves Water Quality & Flexibility

2. Advanced Water Treatment
   - 15,000 AF for Existing Basin Commitments

3. Pipeline Interconnection
   - Additional & Improved Emergency Supplies

4. Wellhead Improvements
   - Maximizes Use of Existing Water Supply

$385 million capital investment
Investment in Basin Needs

Grant Award Covers 54% of Chino Basin Project Capital Costs

- $53M in Pending State Loans
- $96M with Planned Funds
- $29M in Pending Grants
- $207M in Prop 1 Funding
AGENDA

1. Region's Success in Water Resilience

2. Chino Basin Project (CBP) Delivers 1Water Innovation

3. CBP Achieves Affordable Investment in Basin Needs

4. CBP Reduces Risks

5. Next Steps
CBP Will Reduce Salinity Risk

Agency-Wide 12-Month Running Average TDS

TDS DISCHARGE LIMIT

Recycled Water

Regional Water Supply (Imported & Groundwater)

Imported Water Supply
CBP will Reduce Subsidence Risks

Subsidence results from depleted groundwater levels and over-pumping

EFFECTS
CONSISTENT WITH
CHINO BASIN GOALS

IEUA will work with the Watermaster to identify optimal locations for recharge to reduce risk

View of a fissure that developed beneath CIM facility in December 1992
CBP will reduce emergency response risk

DROUGHT | EARTHQUAKE

Chino Basin Project improves existing infrastructure / interties and gives the Region additional water management flexibility in the case of an emergency.
AGENDA

1. Region’s Success in Water Resilience

2. Chino Basin Project (CBP) Delivers 1Water Innovation

3. CBP Achieves Affordable Investment in Basin Needs

4. CBP Reduces Risks

5. Next Steps
## Next Steps (2018)

<table>
<thead>
<tr>
<th>October</th>
<th>November</th>
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</thead>
<tbody>
<tr>
<td><strong>IEUA Board</strong></td>
<td><strong>Tech &amp; Policy</strong></td>
</tr>
<tr>
<td>Project Overview</td>
<td>Project Overview</td>
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<tr>
<td>10/3</td>
<td>10/25 &amp; 11/1</td>
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<tr>
<td></td>
<td>T&amp;P Feedback</td>
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<td></td>
<td>Recommendations for Regional Participation and Guidance Approach</td>
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<td></td>
<td>Project Schedule and Short-Term Program Priorities</td>
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<tr>
<td>IEUA Board Feedback</td>
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<tr>
<td>Project Scope</td>
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<tr>
<td>Alignment with Regional Initiatives</td>
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</table>
Chino Basin Project Schedule

<table>
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<tr>
<th>TASK</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
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<tbody>
<tr>
<td>Feasibility Studies and Pre-Design</td>
<td></td>
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<td>Proceed with Funding Agreement</td>
<td>CBP Action Team</td>
<td>Project MOU, Term Sheets and Agreements</td>
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<tr>
<td>Regional Stakeholder Partnership</td>
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<td>OBMP Update &amp; CEQA</td>
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<td>Storage and Recovery Application</td>
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Project Completion
Regional Connection, Wellhead, AWT, RW Interties
Project Partners and Regional Support

PROJECT PARTNERS:

- Inland Empire Utilities Agency
- The Nature Conservancy
- City of Chino Hills
- Chino Basin Watermaster
- CDA Chino Basin Desalter Authority
- State of California Water Boards
- Western Municipal Water District
- American Rivers
- EDF
- California State Water Resources Control Board
- Monte Vista Water District
- Cucamonga Valley Water District
- JUNIPA Community Services District
- SAWPA
- GoldenGate Salmon Association
- TROUT Unlimited
Chino Basin Project Supports Existing Investment Needs and Adaptable Water Management for the Future
RECEIVE AND FILE

4A
### Recycled Water Recharge Actuals / Plan - September 2018 (Acre-Feet)

<table>
<thead>
<tr>
<th>Basin</th>
<th>9/1-9/8</th>
<th>9/9-9/15</th>
<th>9/16-9/22</th>
<th>9/23-9/30</th>
<th>Month Actual</th>
<th>FY To Date Actual</th>
<th>Deliveries are draft until reported as final.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ely</td>
<td>99.1</td>
<td>92.4</td>
<td>86.0</td>
<td>63.8</td>
<td>341.3</td>
<td>833</td>
<td></td>
</tr>
<tr>
<td>Banana</td>
<td>14.6</td>
<td>27.3</td>
<td>37.2</td>
<td>15.7</td>
<td>94.7</td>
<td>265</td>
<td></td>
</tr>
<tr>
<td>Hickory</td>
<td>0.0</td>
<td>2.5</td>
<td>9.3</td>
<td>3.9</td>
<td>15.8</td>
<td>162</td>
<td></td>
</tr>
<tr>
<td>Turner 1 &amp; 2</td>
<td>9.6</td>
<td>11.7</td>
<td>0.0</td>
<td>0.0</td>
<td>21.3</td>
<td>375</td>
<td></td>
</tr>
<tr>
<td>Turner 3 &amp; 4</td>
<td>17.1</td>
<td>24.8</td>
<td>45.1</td>
<td>5.1</td>
<td>92.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8th Street</td>
<td>61.6</td>
<td>53.9</td>
<td>55.2</td>
<td>76.2</td>
<td>246.9</td>
<td>511</td>
<td></td>
</tr>
<tr>
<td>Brooks</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td>RP3</td>
<td>54.7</td>
<td>52.4</td>
<td>60.4</td>
<td>41.4</td>
<td>298.9</td>
<td>543</td>
<td></td>
</tr>
<tr>
<td>Dobbert</td>
<td>87.9</td>
<td>51.2</td>
<td>72.6</td>
<td>68.3</td>
<td>260.0</td>
<td>834</td>
<td></td>
</tr>
<tr>
<td>Victoria</td>
<td>94.9</td>
<td>42.7</td>
<td>0.0</td>
<td>24.8</td>
<td>162.4</td>
<td>470</td>
<td></td>
</tr>
<tr>
<td>San Sevaine</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>419.5</td>
<td>358.9</td>
<td>365.8</td>
<td>299.2</td>
<td>1,443.4</td>
<td>4,058</td>
<td>1,307 AF previous FY to day actual</td>
</tr>
</tbody>
</table>

#### Graphs:

**Graph 1:** RW GVR Deliveries (Acre-feet/mo)

**Graph 2:** Total RW GWR Deliveries (acre-feet)

**Graph 3:** Days Into Fiscal Year vs. Total RW GWR Deliveries (acre-feet)
Planning & Environmental Resources
Annual Reports
(10-year GROWTH FORECAST, WATER USE, RECYCLED WATER & ENERGY)

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Fietro Cambiaso
October 2018
FY17/18 Building Activity
5,223 EDUs Resulted in $32.9M in CCRA Funding

South Service Area
2,892 EDUs (55%)

North Service Area
2,331 EDUs (45%)

Ontario
1,333 EDUs (26%)

Chino Hills
325 EDUs (6%)

Chino
1,234 EDUs (24%)

CVWD
1,383 EDUs (26%)

Upland
186 EDUs (4%)

Montclair
264 EDUs (5%)

Fontana
498 EDUs (10%)

EDU = Equivalent Dwelling Unit or Single Family
Partial EDU rounded to the nearest whole number
Regional Contracting Agencies EDU Projections

2017 Ten Year Growth Forecast: 55,388 EDU
2018 Ten Year Growth Forecast: 52,795 EDU

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT
Regional Water Use Trend

Note: Total Water Use Data includes imported water, surface water, groundwater, recycled and desalter production. Excludes IEUA groundwater recharge.

- 11% reduction from FY 13/14 usage
- 10% increase from FY16/17
Regional Water Use Trend by Source

*Water purchased from other local water companies (such as SAWCo or WECWC) and surface flows
Recycled Water Deliveries

<table>
<thead>
<tr>
<th>Year</th>
<th>Direct</th>
<th>GWR</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 06-07</td>
<td>10,048</td>
<td>2,981</td>
<td>13,029</td>
</tr>
<tr>
<td>FY 07-08</td>
<td>11,153</td>
<td>2,340</td>
<td>13,493</td>
</tr>
<tr>
<td>FY 08-09</td>
<td>13,361</td>
<td>2,684</td>
<td>16,045</td>
</tr>
<tr>
<td>FY 09-10</td>
<td>16,057</td>
<td>7,208</td>
<td>23,265</td>
</tr>
<tr>
<td>FY 10-11</td>
<td>16,656</td>
<td>8,028</td>
<td>24,684</td>
</tr>
<tr>
<td>FY 11-12</td>
<td>20,556</td>
<td>8,634</td>
<td>29,190</td>
</tr>
<tr>
<td>FY 12-13</td>
<td>21,840</td>
<td>10,479</td>
<td>32,319</td>
</tr>
<tr>
<td>FY 13-14</td>
<td>24,659</td>
<td>13,593</td>
<td>38,252</td>
</tr>
<tr>
<td>FY 14-15</td>
<td>22,850</td>
<td>10,640</td>
<td>33,690</td>
</tr>
<tr>
<td>FY 15-16</td>
<td>19,397</td>
<td>13,222</td>
<td>32,619</td>
</tr>
<tr>
<td>FY 16-17</td>
<td>19,477</td>
<td>13,934</td>
<td>33,411</td>
</tr>
<tr>
<td>FY 17-18</td>
<td>21,132</td>
<td>13,510</td>
<td>34,642</td>
</tr>
</tbody>
</table>
Electricity Usage

- Recycled Water Pumping
- IEUA Facilities

Inland Empire Utilities Agency
A Municipal Water District
RECEIVE AND FILE
4D
Date: October 25, 2018/November 1, 2018
To: Regional Sewerage Committees
From: Inland Empire Utilities Agency
Subject: FY 2017/18 Fourth Quarter Budget Variance Report

RECOMMENDATION

This is an information item for the Regional Committees to review.

BACKGROUND

The item was presented as an informational item at the IEUA Board of Directors meeting on September 19, 2018.
Date: September 19, 2018
To: The Honorable Board of Directors
Committee: Finance & Administration

From: Halla Razak, General Manager

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

Subject: Budget Amendment for Fiscal Year 2017/18 Carry Forward of Open Encumbrances and Non-Encumbered Related Budget

Executive Summary:
Based on the Agency's practice, authorization to spend appropriated budget lapses at the end of the fiscal year. Budget for open encumbrances and commitments to be honored in the following fiscal year and which are not supported by the current fiscal year budget needs to be carried forward, following policy A-81.

Open encumbrances and non-encumbered commitments to be carried forward from FY 2017/18 to FY 2018/19 total $16,466,736 and is comprised of $2,223,534 for operations and maintenance expenses, $9,000,321 for non-capital projects, and $5,242,881 for capital projects. Partially offsetting the carried forward amount are revenues from anticipated grants and reimbursements in the amount of $2,082,068, resulting in a net carry forward amount of $14,384,668.

Future expenditures against these carried forward commitments will reduce the reserve balances in the respective funds as summarized in Attachment 1, Table 3.

Staff's Recommendation:
1. Approve the carry forward of open encumbrances and non-encumbered commitment related budgets from FY 2017/18 to FY 2018/19 and amend the budget in the amount of $16,466,736; and
2. Approve amendments to the adopted FY 2018/19 budget for grant and reimbursement revenues in the amount of $2,082,068.

Budget Impact

<table>
<thead>
<tr>
<th>Budgeted (Y/N): N</th>
<th>Amendment (Y/N): Y</th>
<th>Amount for Requested Approval: $14,384,668</th>
</tr>
</thead>
</table>

Account/Project Name:

Fiscal Impact (explain if not budgeted):
If approved, the FY 2018/19 budget will be augmented by the carry forward amount of $16,466,736 in the respective funds and major account categories (capital and operations & maintenance), and related grant and reimbursement revenue budgets will be increased by $2,082,068 in the respective funds as detailed in Attachment 1, Tables 2 and 3.

Full account coding (internal AP purposes only): ---- Project No.:
Prior Board Action:
On June 20, 2018, the Board adopted the Agency's Budget Amendment for FY 2018/19.

On September 20, 2017, the Board approved the carry forward of $13,969,575 from FY 2016/17 to FY 2017/18.

Environmental Determination:
Not Applicable

Business Goal:
The carry forward of encumbrances at fiscal year end is consistent with the Agency's business goal of fiscal responsibility and maintaining prudent budgetary controls.

Attachments:
Attachment 1 - Background
Attachment 2 - PowerPoint
Attachment 1 - Background

Subject: Fiscal Year 2017/18 Fourth Quarter Budget Variance, Performance Goals Updates, and Budget Transfers

The Budget Variance report presents the Agency’s financial performance through the fourth quarter ending June 30, 2018, includes the following highlights:

TOTAL REVENUES AND OTHER FUNDING SOURCES

Overall, the Agency received $263.8 million of total revenues and other funding sources through the fourth quarter of FY 2017/18, or 118.0 percent of the annual budget for the quarter ended June 30, 2018 (Exhibit A detail). The following section highlights key variances:

- **User Charges** – Total user charges were $79.4 million or 102.2 percent of the annual budget. This category includes $62.1 million monthly sewer charges based on equivalent dwelling unit (EDU), $12.0 million of non-reclaimable wastewater fees paid by industrial and commercial users connected to the Agency’s brine line systems, and $5.3 million of monthly meter equivalent unit charges (MEU) imposed on all potable water connections, and Readiness-to-Serve pass-through charges from Metropolitan Water District of Southern California (MWD).

- **Property Taxes** – Tax receipts at the end of the fourth quarter were $48.4 million or 105.1 percent of the annual budget. General ad-valorem property tax receipts from the San Bernardino County Tax Assessor (County) were $34.0 million and “pass-through” incremental redevelopment agencies (RDA) taxes received were $14.4 million.

- **Recycled Water Sales** – Total annual recycled water sales were $16.9 million or 97.9 percent of the annual budget. Direct sales were $9.7 million at 20,684 acre feet (AF) and groundwater recharge sales were $7.2 million at 13,510 AF. Total deliveries through the fourth quarter were 34,194 AF, just slightly below the annual budget of 35,000 AF. Demand for direct and groundwater use vary depending on weather patterns, water conservation efforts, reuse supply, and basin availability.

- **MWD Imported Water Sales** – Total MWD pass-through imported water revenue was $46.0 million or 134.6 percent of the annual budget. A total of 67,976 AF of pass through imported water was delivered through the fourth quarter exceeding the annual budget of 50,000 AF. The higher demand was mainly due to some member agencies use of imported water rather than local supplies due to water quality issues.

- **Connection Fees** – Total connection fee receipts of $39.5 million were 171.1 percent of the annual budget. Receipts include $31.6 million for new wastewater connections (EDU), and $7.9 million for new water connections (MEU). New EDU connections reported through fourth quarter were 5,020 EDU compared to the amended annual budget of 4,000 EDU and total water connections were 5,455 (MEU) compared to the amended budget of 4,600. At the time of this report one member agency had not provided June 2018
information.

- **Grants & Loans** – Total receipts of $20.8 million were 136.0 percent of the annual budget. Actual grant receipts of $6.1 million include $3.0 million for the joint Agency/Chino Basin Desalter Authority Ground Water Wells & Recycled Water Intertie project, $2.2 million for the Wineville recycled water pipeline, San Sevaine Basin and Napa Lateral basin improvement projects, and $0.9 million local agency reimbursements for water conservation and other projects. Actual State Revolving Fund (SRF) loan reimbursements were $14.7 million and include $11.3 million for the regional water quality laboratory and $3.4 million for the recycled water Napa lateral and San Sevaine projects.

- **Other Revenues** – Total other revenues of $4.5 million were 178.5 percent of the annual budget. Total other revenues include $3.2 million of capital cost reimbursements and $0.9 million received from Chino Basin Watermaster (CBWM) for their share of the 2008B Variable Bond debt service costs and project reimbursements. Other non-operating revenues also include $0.4 million for lease revenue, and various other local agency reimbursements.

**TOTAL EXPENSES AND USES OF FUNDS**

The Agency’s total expenses and uses of funds through the end of the fourth quarter were $220.0 million, or 88.4 percent of the annual budget. Key expense variance highlights are:

- **Employment Expenses** – Employment expenses, net of allocation to projects, were $43.9 million or 95.6 percent of the annual budget of $45.9 million. At the end of the fourth quarter the vacancy factor was 10 percent or 262 regular positions of the 290 authorized positions.

- **Professional Fees & Services** – Total expenses were $8.4 million, or 70.1 percent of the annual budget. Deferral of contract services resulted in lower than anticipated annual expenditures. Other contract services budget for temporary audit staff, construction inspection labor for the battery project, emergency repairs, and operational and maintenance research, testing and troubleshooting, were identified as not needed in the fourth quarter.

- **Utilities Expense** – Utilities expenses were $8.3 million, or 85.1 percent of the annual budget. This category includes the purchase of electricity from the grid, or Southern California Edison (SCE), use of natural gas, and the purchase of renewable energy generated on site from solar and wind. The favorable variance is mainly attributed to lower utility rates and lower consumption. Through the fourth quarter, the average rate for imported electricity was $0.113/kWh versus the $0.125/kWh budgeted rate. Blended rates for electricity and natural gas are budgeted at $0.125 per kWh and $0.80 per therm, respectively. Fourth quarter usage was measured at 65,295,323 kWh against annual average of 70,000,000 kWh.

- **MWD Water Purchases** – Total MWD pass-through imported water purchases were $46.0 million or 134.6 percent of the annual budget. A total of 67,976 AF of pass through
imported water was delivered through the fourth quarter exceeding the 50,000 AF annual budget. The higher demand was mainly due to some member agencies use of imported water rather than other local supplies due to water quality issues.

- **O&M (Non-capital) Projects** – O&M and reimbursable project costs were $11.5 million or 47.6 percent of the annual budget. The favorable balance is mainly due to lower spending for water and drought related projects such as the Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) included in the Water Resources fund. The actual expenses include $2.5 million of contributions that were remitted to the Chino Basin Desalter Authority (CDA) for the Ground Water Wells & Recycled Water Intertie project.

- **Capital Projects** – Total capital project expenditures through the end of the fourth quarter were $56.3 million or 77.2 percent of the annual budget of $73.0 million. Lower than anticipated expenditures are primarily due to contractor delays, design recommendation reviews, and extended request for proposals and related contract award delays. Capital project costs related to the regional wastewater program through the fourth quarter were $44.0 million, or 85.3 percent of the programs $51.6 million annual budget. Recycled water capital projects accounted for $7.4 million, or 56.1 percent of the $13.2 million annual budget. Delays in securing SRF loan and grant funding for various recycled water projects account for the low spending. As of June 2018, loans and grants had been secured for the San Sevaine Basin Improvement and Napa Lateral projects.

A detailed explanation of significant revenue and expenses are included in the attached Exhibit A.

**FUND BALANCES AND RESERVES**

The net increase of $43.8 million in total fund balance in the fourth quarter resulted in an unaudited ending fund balance of $228.0 million.
Table 2 provides an overview of the fiscal year budget variance in revenue, expense, and fund balance. All property tax receipts are reported as non-operating revenue.

Table 2: Fiscal Year Revenues, Expenses, and Fund Balance (SMillions)

<table>
<thead>
<tr>
<th>Operating</th>
<th>FY 2017/18</th>
<th>Actual YTD</th>
<th>% Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Revenue</td>
<td>$136.7</td>
<td>$150.6</td>
<td>110.2%</td>
</tr>
<tr>
<td>Operating Expense</td>
<td>($153.5)</td>
<td>($143.5)</td>
<td>93.5%</td>
</tr>
<tr>
<td><strong>Net Operating Increase/(Decrease)</strong></td>
<td>($16.8)</td>
<td>$7.1</td>
<td></td>
</tr>
<tr>
<td>Non-Operating</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Operating Revenue</td>
<td>$86.9</td>
<td>$113.2</td>
<td>130.2%</td>
</tr>
<tr>
<td>Non-Operating Expense</td>
<td>($95.4)</td>
<td>($76.5)</td>
<td>80.2%</td>
</tr>
<tr>
<td><strong>Net Non-Operating Increase/(Decrease)</strong></td>
<td>($8.5)</td>
<td>$36.7</td>
<td></td>
</tr>
<tr>
<td>Total Sources of Funds</td>
<td>$223.6</td>
<td>$263.8</td>
<td>118.0%</td>
</tr>
<tr>
<td>Total Uses of Funds</td>
<td>($248.9)</td>
<td>($220.0)</td>
<td>88.4%</td>
</tr>
<tr>
<td><strong>Total Net Increase/(Decrease)</strong></td>
<td>($25.3)</td>
<td>$43.8</td>
<td></td>
</tr>
</tbody>
</table>

GOALS AND OBJECTIVES

Exhibit B provides information on division and related department goals and objectives and the status of each through the end of the fourth quarter. The goals and objective indicators are used to track the volume and complexity of work by type and to track the effort invested to accomplish that work. Staff use the performance indicators to track productivity and to justify current resource allocations, re-allocation and requests for additional staff.

BUDGET TRANSFERS AND AMENDMENTS

*Intra-fund O&M* budget transfers for the fourth quarter accounted for $0.9 million as detailed in Exhibit C-1.

The *General Manager (GM) Contingency Account* adopted budget of $300,000 was in the Administrative Services Fund. At the end of the fourth quarter, $221,855 was utilized to support unplanned but necessary expenses as listed in Exhibit C-2.

*Capital and O&M projects* total intra-fund project budget transfers accounted for approximately $1.9 million as listed in Exhibit D.
The budget variance analysis report is consistent with the Agency’s business goal of fiscal responsibility: to demonstrate the Agency appropriately funded operational, maintenance, and capital costs.

**IMPACT ON BUDGET**

The net change in total expenses over total revenues in the amount of $43.8 million resulted in a total estimated fund balance of $228.0 million for the fourth quarter ended June 30, 2018.
### INLAND EMPIRE UTILITIES AGENCY

**Fiscal Year 2017/18**

**CONSOLIDATED BUDGET VARIANCE ANALYSIS REPORT**

Quarter Ended June 30, 2018

<table>
<thead>
<tr>
<th></th>
<th>Annual Budget</th>
<th>Budget YTD</th>
<th>Actual YTD</th>
<th>YTD Variance</th>
<th>Used YTD</th>
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</thead>
<tbody>
<tr>
<td><strong>OPERATING REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User Charges</td>
<td>$77,755,499</td>
<td>$77,755,499</td>
<td>$79,429,986</td>
<td>$1,674,487</td>
<td>102.2%</td>
</tr>
<tr>
<td>Recycled Water</td>
<td>17,245,000</td>
<td>17,245,000</td>
<td>16,877,757</td>
<td>(367,243)</td>
<td>97.9%</td>
</tr>
<tr>
<td>MWD Water Sales</td>
<td>34,167,480</td>
<td>34,167,480</td>
<td>45,996,819</td>
<td>11,831,339</td>
<td>134.6%</td>
</tr>
<tr>
<td>Cost Reimbursement from JPA</td>
<td>6,355,334</td>
<td>6,355,334</td>
<td>6,211,327</td>
<td>(144,007)</td>
<td>97.7%</td>
</tr>
<tr>
<td>Interest Revenue</td>
<td>1,162,133</td>
<td>1,162,133</td>
<td>2,076,819</td>
<td>914,686</td>
<td>178.7%</td>
</tr>
<tr>
<td><strong>TOTAL OPERATING REVENUES</strong></td>
<td>$136,685,446</td>
<td>$136,685,446</td>
<td>$150,594,508</td>
<td>$13,909,062</td>
<td>110.2%</td>
</tr>
<tr>
<td><strong>NON-OPERATING REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property Tax</td>
<td>$46,046,000</td>
<td>$46,046,000</td>
<td>$48,413,443</td>
<td>$2,367,443</td>
<td>105.1%</td>
</tr>
<tr>
<td>Connection Fees</td>
<td>23,095,709</td>
<td>23,095,709</td>
<td>39,515,950</td>
<td>16,420,241</td>
<td>171.1%</td>
</tr>
<tr>
<td>Grants</td>
<td>5,970,459</td>
<td>5,970,459</td>
<td>6,063,870</td>
<td>93,411</td>
<td>101.6%</td>
</tr>
<tr>
<td>SRF Loan Proceeds</td>
<td>9,314,399</td>
<td>9,314,399</td>
<td>14,728,598</td>
<td>5,414,199</td>
<td>158.1%</td>
</tr>
<tr>
<td>Project Reimbursements</td>
<td>1,607,074</td>
<td>1,607,074</td>
<td>4,185,670</td>
<td>2,578,596</td>
<td>260.5%</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>908,636</td>
<td>908,636</td>
<td>303,997</td>
<td>(604,639)</td>
<td>33.5%</td>
</tr>
<tr>
<td><strong>TOTAL NON OPERATING REVENUES</strong></td>
<td>$86,942,277</td>
<td>$86,942,277</td>
<td>$113,211,528</td>
<td>$26,269,251</td>
<td>130.2%</td>
</tr>
<tr>
<td><strong>TOTAL REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$223,627,723</td>
<td>$223,627,723</td>
<td>$263,806,036</td>
<td>$40,178,313</td>
<td>118.0%</td>
</tr>
</tbody>
</table>

**ADMINISTRATIVE and OPERATING EXPENSES**

**EMPLOYMENT EXPENSES**

|                           |               |            |            |              |          |
| Wages                     | $25,631,793   | $25,631,793| $25,877,436| ($245,643)   | 101.0%   |
| Benefits                  | 20,285,970    | 20,285,970 | 18,032,903 | 2,253,068    | 88.9%    |
| **TOTAL EMPLOYMENT EXPENSES** | $45,917,763 | $45,917,763 | $43,910,339 | $2,007,425 | 95.6%    |

**ADMINISTRATIVE EXPENSES**

|                           |               |            |            |              |          |
| Office & Administrative   | $2,114,046    | $2,114,046 | $1,430,319 | $683,728     | 67.7%    |
| Insurance Expenses        | 845,752       | 845,752    | 659,921    | 185,831      | 78.0%    |
| Professional Fees & Services | 12,039,388  | 12,039,388 | 8,443,797  | 3,595,590    | 70.1%    |
| O&M Projects              | 23,278,051    | 23,278,051 | 10,928,866 | 12,349,185   | 46.9%    |
| Reimbursable Projects     | 947,499       | 947,499    | 595,597    | 351,902      | 62.9%    |
| **TOTAL ADMINISTRATIVE EXPENSES** | $39,224,736 | $39,224,736 | $22,058,500 | $17,166,236 | 56.2%    |

*Totals may not add up due to rounding*
# INLAND EMPIRE UTILITIES AGENCY

**Fiscal Year 2017/18**

**CONSOLIDATED BUDGET VARIANCE ANALYSIS REPORT**

Quarter Ended June 30, 2018

<table>
<thead>
<tr>
<th>OPERATING EXPENSES</th>
<th>Annual Budget</th>
<th>Budget YTD</th>
<th>Actual YTD</th>
<th>YTD Variance</th>
<th>Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material &amp; Supplies/Leases</td>
<td>$3,492,520</td>
<td>$3,492,520</td>
<td>$3,020,751</td>
<td>$471,769</td>
<td>86.5%</td>
</tr>
<tr>
<td>Biosolids Recycling</td>
<td>4,379,680</td>
<td>4,379,680</td>
<td>4,092,127</td>
<td>287,553</td>
<td>93.4%</td>
</tr>
<tr>
<td>Chemicals</td>
<td>4,653,622</td>
<td>4,653,622</td>
<td>3,985,262</td>
<td>668,360</td>
<td>85.6%</td>
</tr>
<tr>
<td>MWD Water Purchases</td>
<td>34,167,480</td>
<td>34,167,480</td>
<td>45,998,819</td>
<td>(11,831,339)</td>
<td>134.6%</td>
</tr>
<tr>
<td>Operating Fees/RTS Fees/Exp. Alloc.</td>
<td>11,895,078</td>
<td>11,895,078</td>
<td>12,151,285</td>
<td>(256,207)</td>
<td>102.2%</td>
</tr>
<tr>
<td>Utilities</td>
<td>9,759,737</td>
<td>9,759,737</td>
<td>8,304,474</td>
<td>1,455,263</td>
<td>85.1%</td>
</tr>
<tr>
<td><strong>TOTAL OPERATING EXPENSES</strong></td>
<td><strong>$68,348,117</strong></td>
<td><strong>$68,348,117</strong></td>
<td><strong>$77,552,718</strong></td>
<td><strong>($9,204,601)</strong></td>
<td><strong>113.5%</strong></td>
</tr>
<tr>
<td><strong>TOTAL ADMINISTRATIVE</strong> and OPERATING EXPENSES</td>
<td><strong>$153,490,616</strong></td>
<td><strong>$153,490,616</strong></td>
<td><strong>$143,521,557</strong></td>
<td><strong>$9,969,060</strong></td>
<td><strong>93.5%</strong></td>
</tr>
<tr>
<td>NON-OPERATING EXPENSES</td>
<td><strong>27,380,697.71</strong></td>
<td><strong>25,339,664.37</strong></td>
<td><strong>92.5%</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAPITAL OUTLAY</td>
<td><strong>$73,001,431</strong></td>
<td><strong>$73,001,431</strong></td>
<td><strong>$56,337,243</strong></td>
<td><strong>$16,664,187</strong></td>
<td><strong>77.2%</strong></td>
</tr>
<tr>
<td>FINANCIAL EXPENSES</td>
<td><strong>22,043,491</strong></td>
<td><strong>22,043,491</strong></td>
<td><strong>19,866,910</strong></td>
<td><strong>2,176,581</strong></td>
<td><strong>90.1%</strong></td>
</tr>
<tr>
<td>Principal, Interest and Financial Expenditures</td>
<td><strong>412,125</strong></td>
<td><strong>412,125</strong></td>
<td><strong>318,528</strong></td>
<td><strong>93,597</strong></td>
<td><strong>77.3%</strong></td>
</tr>
<tr>
<td><strong>TOTAL NON-OPERATING EXPENSES</strong></td>
<td><strong>$95,457,047</strong></td>
<td><strong>$95,457,047</strong></td>
<td><strong>$76,522,680</strong></td>
<td><strong>$18,934,365</strong></td>
<td><strong>80.2%</strong></td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td><strong>$248,947,663</strong></td>
<td><strong>$248,947,663</strong></td>
<td><strong>$220,044,237</strong></td>
<td><strong>$28,903,425</strong></td>
<td><strong>88.4%</strong></td>
</tr>
<tr>
<td>REVENUES IN EXCESS/ (UNDER) EXPENSES</td>
<td><strong>($25,319,940)</strong></td>
<td><strong>($25,319,940)</strong></td>
<td><strong>$43,761,798</strong></td>
<td><strong>$69,081,738</strong></td>
<td></td>
</tr>
<tr>
<td>FUND BALANCE SUMMARY</td>
<td><strong>$184,224,047</strong></td>
<td><strong>$184,224,047</strong></td>
<td><strong>$184,224,047</strong></td>
<td><strong>$0</strong></td>
<td></td>
</tr>
<tr>
<td>Beginning Balance, July 01</td>
<td><strong>(25,319,940)</strong></td>
<td><strong>(25,319,940)</strong></td>
<td><strong>43,761,798</strong></td>
<td><strong>69,081,738</strong></td>
<td></td>
</tr>
<tr>
<td>Surplus/ (Deficit)</td>
<td><strong>$158,904,107</strong></td>
<td><strong>$158,904,107</strong></td>
<td><strong>$227,985,845</strong></td>
<td><strong>$69,081,738</strong></td>
<td></td>
</tr>
</tbody>
</table>
| ENDING BALANCE, June 30 | **Totals may not add up due to rounding**

Page 2
I. Actual vs. Budget Summary:

<table>
<thead>
<tr>
<th></th>
<th>Annual Budget</th>
<th>Budget YTD</th>
<th>Actual YTD</th>
<th>Budget YTD vs. Actual</th>
<th>% of Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Revenues</td>
<td>$136,685,446</td>
<td>$136,685,446</td>
<td>$150,594,508</td>
<td>$13,909,062</td>
<td>110.2%</td>
</tr>
<tr>
<td>Non-Operating (Other Sources of Fund)</td>
<td>86,942,277</td>
<td>86,942,277</td>
<td>113,211,528</td>
<td>26,269,251</td>
<td>130.2%</td>
</tr>
<tr>
<td>TOTAL FUNDING SOURCES</td>
<td>223,627,723</td>
<td>223,627,723</td>
<td>263,806,036</td>
<td>40,178,313</td>
<td>118.0%</td>
</tr>
<tr>
<td>Administrative &amp; Operating Expense</td>
<td>(153,490,616)</td>
<td>(153,490,616)</td>
<td>(143,521,557)</td>
<td>9,969,059</td>
<td>93.5%</td>
</tr>
<tr>
<td>Capital Improvement Project Expense</td>
<td>(73,001,431)</td>
<td>(73,001,431)</td>
<td>(56,337,243)</td>
<td>16,664,188</td>
<td>77.2%</td>
</tr>
<tr>
<td>Debt Service and All Other Expenses</td>
<td>(22,455,616)</td>
<td>(22,455,616)</td>
<td>(20,185,437)</td>
<td>2,270,179</td>
<td>89.9%</td>
</tr>
<tr>
<td>TOTAL USES OF FUNDS</td>
<td>(248,947,663)</td>
<td>(248,947,663)</td>
<td>(220,044,237)</td>
<td>28,903,426</td>
<td>88.4%</td>
</tr>
<tr>
<td>Surplus/(Deficit)</td>
<td>($25,319,940)</td>
<td>($25,319,940)</td>
<td>$43,761,799</td>
<td>$69,081,739</td>
<td></td>
</tr>
</tbody>
</table>

EXHIBIT A
2. Actual Revenue vs. Budget:

| Quarter Ended June 30, 2018 | Operating Revenues: | | | | | % of the Year Elapsed: 100% |
|-----------------------------|---------------------|-----------------|-----------------|-----------------|---------------------|
|                             | Annual Budget       | Budget YTD      | Actual YTD      | Budget YTD vs. Actual | % of Budget Used YTD |
| Operating Revenues:         | $77,755,499         | $77,755,499     | $79,429,986     | $1,674,487       | 102.2%               |
| User Charges                | 17,245,000          | 17,245,000      | 16,877,757      | ($367,243)       | 97.9%                |
| Recycled Water Sales        | 34,167,480          | 34,167,480      | 45,998,819      | $11,831,339      | 134.6%               |
| MWD Water Sales             | 6,355,334           | 6,355,334       | 6,211,327       | ($144,007)       | 97.7%                |
| Cost Reimbursement          | 1,162,133           | 1,162,133       | 2,076,619       | $914,486         | 178.7%               |
| Interest                    | 136,685,446         | 136,685,446     | 150,594,508     | 13,909,062       | 110.2%               |
| Non-Operating Revenues:     | $46,046,000         | $46,046,000     | $48,413,443     | $2,367,443       | 105.1%               |
| Property Tax - Debt, Capital, Reserves | 23,095,709 | 23,095,709 | $16,420,241 | 171.1% |
| Connection Fees             | 16,284,858          | 15,284,858      | 20,792,468      | $5,507,610       | 136.0%               |
| Grants & Loans              | 2,515,710           | 2,515,710       | 4,489,667       | $1,973,957       | 178.5%               |
| Other Revenue               | 86,942,277          | 86,942,277      | 113,211,528     | 26,269,251       | 130.2%               |
| Total Revenues              | $223,627,723        | $223,627,723    | $263,806,036    | $40,178,313      | 118.0%               |

User Charges, 102.2% User charges were $79.4 million, or 102.2% of the year to date budget. The category includes $62.1 million sewer charges based on equivalent dwelling units (EDU), $12.0 million non-reclaimable wastewater fees paid by industrial and commercial users connected to the brine line system, and $5.3 million of monthly meter equivalent unit charges (MEU) imposed on all potable water connections, Readiness-to-Serve Ten Year Rolling Average (RTS TYRA) charges to meet our Readiness-to-Serve obligation from Metropolitan Water District (MWD), and water use efficiency program receipts.

Property Tax/AdValorem, 105.1% Tax receipts were $48.4 million or 105.1% of the budget. General ad-valorem property tax receipts from the San Bernardino County Tax Assessor (County) was $34.0 million and "pass-through" incremental Redevelopment Agencies (RDA) taxes were $14.4 million. Tax revenue stream is projected based on valuation projected by the county, increased home sales, and anticipated adjustments in property tax distribution due to the dissolution of the RDA agencies.

Recycled Water Sales, 97.9% Recycled water direct sales were $9.7 million for 20,684 acre feet (AF) and groundwater recharge sales were $7.2 million for 13,510 AF, for a combined total of $16.9 million or 34,194 AF. Total deliveries of 35,500 AF f (22,000 AF Direct and 13,500 AF Recharge) were budgeted for the fiscal year. Sales demand for direct use and groundwater recharge varies depending on weather patterns, water use conservation efforts, reuse supply, and basin availability.

Interest Income, 178.7% Interest Income is $2.1 million or 178.7% of the year to date budget. The Agency earns interest income by investing funds not immediately required for daily operations. The Agency’s portfolio yield increased during the fourth quarter as a result of rising market rates and more active management of the Agency’s investment portfolio. The 4th quarter Agency yield averaged 1.936%, the annual interest earnings yield was 1.49%.

MWD Water Sales, 134.6% Total Metropolitan Water District (MWD) pass-through imported water revenue was $46.0 million or 134.6% of year to date budget. Imported water sales at 67,976 AF exceeding the annual budgeted water demand of 50,000 AF as a result of below average area rainfall and higher water demand.
Connection Fees, 171.1% Total connection fee receipts of $39.5 million were 171.1 percent of the year to date budget. Receipts include $31.6 million for new regional system connections (EDU), and $7.9 million for new water connections (MEU). New EDU connections reported through the fourth quarter were 5,020 EDU (one member agency not reporting for June), compared to the annual budget of 4,000 EDU, which was adjusted from the adopted budget of 3,000 EDU based on member agencies’ updated forecast. Total new water connections were 5,455 (MEU).

Grants and Loans, 136% Total receipts are $20.8 million or 136.0% of budget. Actual grant receipts of $6.1 million includes $3.0 million of grant receipts for Joint Agency/Chino Basin Desalter Authority Ground Water Wells & Recycled Water Intermittent project ($2.5 million passed-through to Chino Basin Desalter Authority), $2.2 million for Recycled Water projects, and $0.9 million reimbursement from State and local agencies for the RP1/RPS Expansion preliminary design and other water conservation projects. Actual SRF loan receipts of $14.7 million includes $11.3 million for the regional water quality laboratory and $3.4 million for the recycled water Napa Lateral and San Sevaino basin improvements.

The annual grants budget of $6.0 million includes $3 million for the South Archibald Trichloroethylene (TCE) Plume Cleanup project Regional Wastewater Operations & Maintenance (RO) Fund, $2.2 million for Sanes River Conservation & Conjunctive Use Program (SARCCUP) project Water (WW) Fund, $0.4 million for Northeast/Southern project Recycled Water (WC) Fund, and $0.4 million for the new water quality laboratory (RO fund). Grant receipts consist of reimbursements from Federal and State programs, and may contain pass-through funding for other agencies.

State Revolving Fund (SRF) Loan Proceeds annual budget of $9.3 million includes for $7.9 million for the new water quality laboratory (RO fund) and $1.4 million for Recharge Master Plan Update Recharge Water (RW) Fund.

Grants and loan receipts are primarily reimbursable in nature and as such are dependent upon related capital project expenditures.

Cost Reimbursements
JPA, 97.7% Total cost reimbursements were $6.2 million, or 97.7% of the annual budget. Category actuals include reimbursements of $4.0 million from the Inland Empire Regional Composting Authority (IERCA) and $1.3 million from Chino Basin Desalter Authority (CDA) for the Agency’s operation & maintenance of the IERCA Composter and CDA Desalter facilities. Also included is $0.9 million from Chino Basin Watermaster (CBWM) for operations & maintenance related to the groundwater recharge basins, net of the Agency’s pro-rata share for the recycled water recharge costs.

Annual total cost reimbursement budget of $6.4 million includes: $3.8 million from IERCA, $1.5 million from CDA, and $1.1 million from CBWM.

Other Revenues, 178.5% Total other revenues and project reimbursements were $4.5 million, or 178.5% of the $2.5 million annual budget. Actual receipts include $1.3 million from California Steel Industries, Auto Club Speedway, and Prologis for their share of capital costs associated with the San Bernardino gravity sewer line permanent connection. Other revenues include $1.9 million of project reimbursements received from local government agencies for RMIPU and recycled water projects and $1.3 million for other non-operating revenues. Other non-operating revenue includes lease revenues and gains on investments, and includes $0.9 million from CBWM for their share of the 2008B variable bond debt service and fixed project costs.
3. Actual Operating and Capital Expense vs. Budget:

<table>
<thead>
<tr>
<th>Quarter Ended June 30, 2018</th>
<th>Annual Budget</th>
<th>Budget YTD</th>
<th>Actual YTD</th>
<th>Budget YTD vs. Actual</th>
<th>% of Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Expenses:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employment</td>
<td>$45,917,763</td>
<td>$45,917,763</td>
<td>$43,910,339</td>
<td>$2,007,424</td>
<td>95.6%</td>
</tr>
<tr>
<td>Admin &amp; Operating</td>
<td>73,405,373</td>
<td>73,405,373</td>
<td>53,612,399</td>
<td>$19,792,974</td>
<td>73.0%</td>
</tr>
<tr>
<td>MWD Water Purchases</td>
<td>34,167,480</td>
<td>34,167,480</td>
<td>45,998,819</td>
<td>($11,831,339)</td>
<td>134.6%</td>
</tr>
<tr>
<td>OPERATING EXPENSES</td>
<td>$153,490,616</td>
<td>$153,490,616</td>
<td>$143,521,557</td>
<td>$9,969,059</td>
<td>93.5%</td>
</tr>
<tr>
<td><strong>Non-Operating Expenses:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital</td>
<td>73,001,431</td>
<td>73,001,431</td>
<td>56,337,243</td>
<td>$16,664,188</td>
<td>77.2%</td>
</tr>
<tr>
<td>Debt Service and All Other Expenses</td>
<td>22,455,616</td>
<td>22,455,616</td>
<td>20,185,437</td>
<td>$2,270,179</td>
<td>89.9%</td>
</tr>
<tr>
<td>NON-OPERATING EXPENSES</td>
<td>$95,457,047</td>
<td>$95,457,047</td>
<td>$76,522,680</td>
<td>$18,934,367</td>
<td>80.2%</td>
</tr>
<tr>
<td>Total Expenses</td>
<td>$248,947,663</td>
<td>$248,947,663</td>
<td>$220,044,237</td>
<td>$28,903,426</td>
<td>88.4%</td>
</tr>
</tbody>
</table>

Employment Expenses net of allocation to projects

- Employment, 95.6%
  - Employment expenses were $43.9 million or 95.6% of the year to date budget. At the end of the fourth quarter, total actual filled positions were 262 compared to the 274 funded positions and 290 authorized positions. Recruitment of key positions as part of the Agency’s succession planning effort will lower the vacancy factor going forward.

Administrative & Operating Expenses

- Office and Administrative, 67.7%
  - Office and administrative for the fiscal year was $1.4 million, the variance was mainly due to lower travel, training, contributions, memberships, and sponsorships. Additional expense has been committed for various training, travel and advertising however items are deferred until the following year.

- Professional Fees & Services, 70.1%
  - Favorable variance is attributed to contract services deferred to FY 2018/19 for work to be performed by contractors and consultants for: consultant services for project management reporting, training and facility videos, grant management software and database automation, RP1 and RP4 conveyor liner replacement; and TP1 bleach tank replacement and valve installation. Other contract services budget for temporary audit staff, construction inspection labor for the battery project, emergency repairs, and operational and maintenance research, testing and troubleshooting, were identified as not needed in the fourth quarter.

- Materials & Supplies/Leases/Contribution, 86.5%
  - Expense through the end of the fiscal year was $3.0 million or 86.5% of the annual $3.5 million budget. The favorable variance was primarily due to staff’s effort to monitor operational equipment usage to ensure maximum use from supplies, replacement parts, and consumables used by treatment plants.

- Biosolids Recycling, 93.4%
  - Biosolids expenses were $4.1 million or 93.4% of the budget. Biosolids budget includes costs for hauling and disposal of biosolids and non-biological materials. Year to date tonnage of the agency’s biosolids generated from all its water recycling facilities shipped to IERCA was 63,216 tons at a processing rate of $56 per ton. Total tonnage hauled from IEUA was approx. 61,211 tons at a blended rate of $5.80 per ton.

- Chemicals, 85.6%
  - Chemical expenses were $4.0 million, or 85.6% of budget. Chemicals are essential in meeting regulatory requirements, treatment process performance goals, and sustainment of high quality recycled water. As reported in the prior quarter, the slight favorable variance is mainly due to the reduction in consumption of sodium bisulfite which is added after disinfection and odor control to reduce residual chlorine before discharge. Carbon Canyon stopped effluent discharges of sodium bisulfite to Chino Creek to support increased recycled water demand, and the anticipated iron sponge media replacement at RP-1 was deferred to FY 2018/19 due to contractor delays.
Operating Fees, 102.2%  
Spending in this category was $12.1 million, or 102.2% of the annual budget. The majority of the expense is Non-reclaimable wastewater system ‘pass-through’ fees from Sanitation District of Los Angeles Count (SDLAC) and Santa Ana Watershed Project Authority (SAWPA). The variance is mainly attributed to SDLAC pass through expenses that were exceeded for projected flow, strength and capacity units. The category also includes $3.0 million of expenses for readiness-to-serve obligation collected by MWD, budgeted at $3.0 million.

MWD Water Purchases, 134.6%  
Total MWD pass-through imported water purchases were $46.0 million or 134.6% of the annual budget. A total of 67,976 AF of pass through water was delivered, exceeding the annual 50,000 AF budget as a result of below average area rainfall and higher water demands.

Utilities, 85.1%  
Total category expenses were $8.3 million of the $9.7 million annual budget. This category includes the purchase of electricity from Southern California Edison (SCE) or the grid, use of natural gas, and the purchase of renewable energy generated on site from solar and wind. The favorable variance is mainly attributed to lower utility rates and lower natural gas usage. Through the fourth quarter, the average rate for imported electricity was $0.113/kWh versus the $0.125/kWh budgeted rate. Blended rates for electricity and natural gas are budgeted at $0.125 per kWh and $0.80 per therm, respectively. Annual usage was measured at 65,295,323 kWh against the annual average of 70,000,000 kWh.

OGM and Reimbursable Projects, 46.9% and 62.9%  
The combined OGM and reimbursable project costs were $11.5 million or 47.6% of their combined year to date budget. The favorable balance is mainly due to lower spending for water and drought related projects such as the Santa Ana River Conservation & Conjunctive Use Program (SARCCUP), Chino Basin Drought Contingency Plan, and other drought related projects. Actual expense includes $2.5 million of pass through grant proceeds that were remitted to the Chino Basin Desalter Authority (CDA).

Financial Expenses  
Financial Expense, 90.1%  
Total financial expenses were $19.8 million through the end of the fourth quarter. Actual costs included $11.8 million paid towards principal and interest for the 2008B, 2010A and 2017A bonds. Other note and loan principal and interest payments were $7.8 million, and $0.2 million for financial administration fees.

Other Expenses  
Other Expenses, 77.3%  
Total other expenses were $0.3 million or 77.3% of the annual budget, included in this category is annual contributions-in-aid to the Santa Ana Watershed Project Authority.

Capital Expenses  
Capital Costs, 77.2%  
Total capital project expenditures through the end of the fiscal year were $56.3 million or 77.2% of the annual budget of $73.0 million. The budget includes $5.1 million of capital budget carried forward from FY 2016/17, of which $400,000 was returned in December 2017 per Agency Policy A-81 (Fiscal Year Carry Forward Encumbrances and Related Budget). The lower than anticipated expenditures are primarily due to contractor delays, design recommendation reviews, and extended request for proposals and related contract award delays. Capital project costs related to the regional wastewater program through the fourth quarter were $44.0 million, or 85.3% of the $51.6 million annual program budget. Recycled water capital projects accounted for $7.4 million, or 56.1% of the $13.2 million annual budget.
## Summary of major capital and non-capital project expenses and status as of June 30, 2018

<table>
<thead>
<tr>
<th>Capital Projects</th>
<th>Annual Budget</th>
<th>Actual YTD</th>
<th>% of Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN15008 Water Quality Laboratory</td>
<td>11,300,000</td>
<td>12,095,158</td>
<td>107.0%</td>
</tr>
<tr>
<td>The scope of the project is the construction of a new, state of the art, 17,000 sq. laboratory and expansion of the existing central plant to supply chilled water for the laboratory air conditioning and heating system. The project is funded in part by State Revolving Fund (SRF) loan proceeds. The project is in the final phases of construction and progressed more quickly than anticipated for the fiscal year, project is projected to be complete in September of 2018. The current total project budget is $26,645,000, as of June 30, 2018 total project expenses are 87.5% of total project budget.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN14019 RP-1 Headworks Gate Replacement</td>
<td>4,600,256</td>
<td>2,181,531</td>
<td>47.4%</td>
</tr>
<tr>
<td>This project includes the full replacement of the 17 existing headworks gates at RP-1 with new stainless steel gates. These gates were deemed significantly deficient during a full condition assessment conducted in July of 2009. The project, currently in the construction phase and remained behind schedule through the end of the fiscal year. Staff is currently working with the contractor on a recovery plan and project is scheduled for completion in FY 2018/19.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN13001 San Sevaine Basin Improvements</td>
<td>4,320,000</td>
<td>4,012,332</td>
<td>92.9%</td>
</tr>
<tr>
<td>As part of the 2013 Amendment to the 2010 Recharge Master Plan Update (RMPU), this project will evaluate, design, and construct basin improvements needed to maximize infiltration and recharge capture at the San Sevaine basins. The final recommendation from the preliminary development report proposes to implement, a new storm water/recycled water pump station in Basin 5, directly tie it into all existing RW pipeline, place new pipelines and headwalls in Basins 1, 2 and 3, and install monitoring wells and lysimeters. The proposed improvements will add 642 AF per year of storm water and 4,100 AF per year of recycled water for groundwater recharge. This project is currently in construction with an estimated completion in early FY 2018/19.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN17110 RP-4 Process Improvements</td>
<td>2,847,350</td>
<td>2,652,894</td>
<td>93.2%</td>
</tr>
<tr>
<td>This project involves improvements to different processes and operational functional flexibility at RP-4. The project’s scope of work was expanded during the charter phase and the technical preparation work was placed on hold in order to focus on the Emergency Trident Filter project for approximately 3 months. The Trident Filter contractor is having trouble procuring materials which will push some project expenditures into FY 2018/19.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O&amp;M &amp; Reimbursable Projects</th>
<th>Annual Budget</th>
<th>Actual YTD</th>
<th>% of Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA17006 Agency-Wide Aeration Panel Replacements</td>
<td>3,143,511</td>
<td>2,903,750</td>
<td>92.4%</td>
</tr>
<tr>
<td>The project scope involves the replacement of aeration panels at RP-1, RP-4, RP-5, and CCWRF. The aeration panel replacement will improve oxygen transfer efficiency and operational effectiveness of the wastewater treatment process. The RP-5 Aeration Panel construction contract was awarded in December 2017 and is estimated to be complete in December of 2018.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN16021 TCE Plume Cleanup</td>
<td>3,818,000</td>
<td>3,047,656</td>
<td>79.8%</td>
</tr>
<tr>
<td>In June 2015, IEUA entered into an agreement with the Chino Basin Desalter Authority (CDA) to fund a project designed to remediate the South Archibald Plume. The projects timeline has been delayed due to difficulty in acquiring property needed to construct a groundwater well in the plume area. Pipeline design began in March 2018 and is estimated to be completed in the first quarter of FY 2018/19. Additionally, the project’s budget was amended in the third quarter by $2.5 million to account for a pass-thru grant remitted to CDA of the same dollar amount.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WR16024 Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)</td>
<td>3,138,398</td>
<td>147,516</td>
<td>4.7%</td>
</tr>
<tr>
<td>The Santa Ana River Conservation &amp; Conjunctive Use Program is known as SARCCUP. Was created with various other water agencies to utilize funds from SAWPA Prop 84 grants to develop a watershed-scale conjunctive use program. The project has experienced delays as the project scope has changed significantly and is awaiting grant modification from the Department of Water Resources.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Business Goals & Objectives Report By Department

**Exhibit B**

### Agency Management

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2017/18</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Goal</th>
<th>Work Plan</th>
<th>Department Goal</th>
<th>Timeline</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Note Month</th>
<th>Note Year</th>
<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>311</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Agency Management</td>
<td>B</td>
<td>Ensure staff upholds their role in achieving the Agency's Mission, Vision, and Values</td>
<td>Staff to complete a course or seminar for professional development annually</td>
<td>Complete notary course/exam by March 2018.</td>
<td>Travel/Expense Reports</td>
<td>April Woodruff</td>
<td>February</td>
<td>2018 On</td>
<td>Schedule</td>
<td>Notary Exam was completed by Sally Lee in December 2017.</td>
</tr>
<tr>
<td>313</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Agency Management</td>
<td>B</td>
<td>Ensure staff is fully trained on administrative functions and policies included in Administrative Code</td>
<td>In the process of developing the Administrative Handbook and Board of Director Bylaws</td>
<td>Administrative Code will be completed by December 2017</td>
<td>Monthly meetings held to review/revise the policies. Six to eight policies are reviewed monthly</td>
<td>April Woodruff</td>
<td>April</td>
<td>2018 On</td>
<td>Schedule</td>
<td>The Board approved the new Administrative Handbook on January 17, 2018.</td>
</tr>
<tr>
<td>314</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Agency Management</td>
<td>C</td>
<td>Provide support for positions that would enable the implementation of the Agency's goals.</td>
<td>Develop a standard operating procedure handbook for the Executive Management Department.</td>
<td>To be completed by June 2018</td>
<td>Complete 3 - 4 SOPs per month</td>
<td>April Woodruff</td>
<td>August</td>
<td>2018 Behind</td>
<td>Schedule</td>
<td>Project is 75% complete.</td>
</tr>
<tr>
<td>315</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Agency Management</td>
<td>C</td>
<td>Provide support for positions that would enable the implementation of the Agency's goals.</td>
<td>Update and maintain Board Secretary Handbook</td>
<td>To be completed by June 2018</td>
<td>Monthly handbook review</td>
<td>April Woodruff</td>
<td>August</td>
<td>2018 Behind</td>
<td>Schedule</td>
<td>Handbook is 90% complete.</td>
</tr>
<tr>
<td>316</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Agency Management</td>
<td>D</td>
<td>Develop regional collaboration for groundwater storage programs.</td>
<td>Develop water bank program for the Chino Basin</td>
<td>Water Bank Authority to be established by the end of the fiscal year</td>
<td>Meeting bi-weekly with parties to review/discuss cost-sharing agreements, budget and proposals. Selected consultant to develop water bank.</td>
<td>April Woodruff</td>
<td>February</td>
<td>2018 On</td>
<td>Schedule</td>
<td>All parties signed the CBWB JPA and will be appointing directors. Second CBWB Workshop for stakeholders was completed on 2/1/18. Part two to continue bi-weekly.</td>
</tr>
<tr>
<td>317</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Agency Management</td>
<td>E</td>
<td>Continue the process of collaborative negotiations in support of reaching mutually acceptable terms for the new Regional Contract.</td>
<td>Renegotiate the Regional Contract set to expire in 2023</td>
<td>Member agencies and the Technical Committee are working towards a development plan. TAC meetings are held monthly.</td>
<td>Track Technical Committee meeting minutes for status updates throughout fiscal year.</td>
<td>April Woodruff</td>
<td>August</td>
<td>2018 On</td>
<td>Schedule</td>
<td>The facilitation contract amendment with Kears &amp; West for Phase 2B was approved by the Board in June. Preliminary negotiation sessions have been scheduled through February 2019.</td>
</tr>
</tbody>
</table>

### Business Information Services

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2017/18</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Goal</th>
<th>Work Plan</th>
<th>Department Goal</th>
<th>Timeline</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Note Month</th>
<th>Note Year</th>
<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>318</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>A</td>
<td>Continue commitment to sustainable cost containment for operating and capital costs.</td>
<td>Maintain SAP professional services expenses within annual budget amount</td>
<td>To continue throughout fiscal year</td>
<td>Monitoring department budget with budget variance report</td>
<td>Kanex</td>
<td>June</td>
<td>2018 On</td>
<td>Schedule</td>
<td>Support cost in this quarter was $12,192, which is less than the quarterly average budget of $22,700.</td>
</tr>
<tr>
<td>320</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>A</td>
<td>Advocate for continued receipt of property taxes and optimize grants and other funding sources to support Agency and regional investments</td>
<td>Optimize grant administration through process improvements and/or SAP enhancements and provide recommendation report</td>
<td>Deliver recommendation report by August 15, 2017</td>
<td>Reduction in grant processing time (will require baseline) report to be developed based on the number of tasks required</td>
<td>Kanex</td>
<td>June</td>
<td>2018 On</td>
<td>Schedule</td>
<td>Already completed in FY2017 Q1.</td>
</tr>
<tr>
<td>321</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>A</td>
<td>Advocate for continued receipt of property taxes and optimize grants and other funding sources to support Agency and regional investments</td>
<td>Implement approved changes to grants administration process improvements and/or SAP enhancements</td>
<td>Complete by December 1, 2017</td>
<td>Reduction of grant processing time (will require baseline) to be implemented based on report findings</td>
<td>Kanex</td>
<td>June</td>
<td>2018 Behind</td>
<td>Schedule</td>
<td>BIS has been working with Grants department in designing and implementing the enhancements in SAP. In the process, BIS discovered that there are four main types of grant project relations. Of the 4 types, three of the relationships have been configured and can be used today. The fourth type is more complicated due to the many grants to many projects relationship type. BIS will continue to work closely with Grants Department in arriving at the key decisions so that the enhancements can be implemented.</td>
</tr>
<tr>
<td>Goal ID</td>
<td>FY 2017/18</td>
<td>Division</td>
<td>Business Information Services (cont.)</td>
<td>Department Goal</td>
<td>Time Line</td>
<td>KP</td>
<td>Assigned To</td>
<td>Note Month</td>
<td>Note Year</td>
<td>Status</td>
<td>Complete Notes</td>
<td></td>
<td></td>
</tr>
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</tr>
<tr>
<td>322</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>Integrate projects identified in the long range financial planning documents, such as the Asset Management Plan, Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budgets.</td>
<td>Complete Master Plan to be finalized by FY 2018</td>
<td>GIS Master Plan to be completed by June 30, 2018</td>
<td>Monitor progress then obtain final GIS Master Plan report through consultant</td>
<td>Kanes Panayatilwong</td>
<td>June</td>
<td>2018</td>
<td>Behind Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>323</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>Integrate projects identified in the long range financial planning documents, such as the Asset Management Plan, Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budgets.</td>
<td>Complete a needs assessment for enhancing ESS/MSS with additional functionality by FY 2018</td>
<td>ESS/MSS Enhancements to be completed by June 30, 2018</td>
<td>Manager will meet with staff quarterly to obtain status updates until needs assessment is finalized.</td>
<td>Kanes Panayatilwong</td>
<td>June</td>
<td>2018</td>
<td>Behind Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>324</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>Integrate projects identified in the long range financial planning documents, such as the Asset Management Plan, Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budgets.</td>
<td>Provide support to Operations and Maintenance division on the 8-phase improvement project.</td>
<td>Quarterly until completion.</td>
<td>The Maintenance Project Plan</td>
<td>Kanes Panayatilwong</td>
<td>June</td>
<td>2018</td>
<td>On Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>325</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>Expand dashboard development to enhance financial reporting</td>
<td>Promote business data-driven decision making in all business areas</td>
<td>Quarterly</td>
<td>Deploy one to two new dashboards or significantly enhance one to two existing dashboards quarterly</td>
<td>Kanes Panayatilwong</td>
<td>June</td>
<td>2018</td>
<td>On Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>326</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>Draft a new consolidated Personnel Rules and Regulations for the Agency across all bargaining units, streamlining individual Unit MOUs by December 2017.</td>
<td>Provide SAP test environment for 4/1/2018 to validate the technical feasibility of any proposed MOU changes in preparation for and during the negotiation</td>
<td>1/1/2018 – Complete review of existing rules and configurations, 4/1/2018 – SAP test environment ready for testing proposed changes</td>
<td>By January 2018 complete review of existing rules and configurations, By April of 2018 provide an SAP test environment to HR.</td>
<td>Kanes Panayatilwong</td>
<td>June</td>
<td>2018</td>
<td>On Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>327</td>
<td>Annual</td>
<td>Agency Management</td>
<td>Develop and implement a plan to mentor and prepare the next generation of Agency leaders by July 2017 and every two years thereafter.</td>
<td>Provide training opportunities to at least 25% of staff</td>
<td>Annual</td>
<td>A procurement report will be used to confirm staff attendance at trainings.</td>
<td>Kanes Panayatilwong</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>328</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>Uphold a strong internal control environment by conducting independent objective internal and external audits of Agency's business practices.</td>
<td>Establish SOPs for key business functions within the department by end of FY2018</td>
<td>Quarterly - Report to be provided by 10/1/17 on SOPs to complete. Complete all recommended SOPs by 6/30/18</td>
<td>Complete 1/2 of proposed SOPs to Q2, Q3, and Q4</td>
<td>Kar65 Panayatilwong</td>
<td>June</td>
<td>2018</td>
<td>Behind Schedule</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This consultants are now actively engaged in the project. This project is expected to be completed in Q2 of FY2019. This project is deferred until a new HR manager is hired. As a preparation step, BIS will begin exploring SAP SuccessFactors as an alternative to consider besides enhancing existing ESS/MSS. This project was placed on hold by the executive management. Completed the Business/Objects platform upgrade that allows for Business Systems Analysts to create dashboard prototypes and hand them over to the developers to deploy quickly. This process involves the developer creating the entire dashboards from prototypes. This new method only requires some tweaking of the prototypes. Also, BIS deployed a leave report that allows supervisors and managers to view the leave type used as well as detail on day of the week and frequency. ISS and BIS completed a test environment for team last quarter to test any changes to the MOU. The Agency also completed the negotiations. HR is working with the units to finalize the language and providing BIS with changes requiring system configurations. No new SOPs generated in Q4 due to resources time spent on preparing for MOU changes in SAP, SAP training effort (content creation and technology platform for the training hub) and payroll upgrade preparation.
## Business Goals & Objectives Report By Department

### Business Information Services (cont.)

<table>
<thead>
<tr>
<th>ID</th>
<th>Goal ID</th>
<th>Start FY</th>
<th>Reporting</th>
<th>Division</th>
<th>Bus. Work Plan Goal</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>821</td>
<td>B</td>
<td>FY 2017/18 Quarterly</td>
<td>329</td>
<td>Agency</td>
<td>Management</td>
<td>B</td>
<td>Uphold a strong internet control environment by conducting independent objective internal and external audits of Agency’s business practices.</td>
<td>Provide assessment report and, if needed, complete implementation of testing automation system by 6/30/2018</td>
<td>Reduction in testing cycle time and/or increase in test cases</td>
<td>Kanes</td>
</tr>
<tr>
<td>822</td>
<td>B</td>
<td>FY 2017/18 Annual</td>
<td>330</td>
<td>Agency</td>
<td>Management</td>
<td>B</td>
<td>Review and update the Disaster Preparedness Plan and conduct periodic emergency response drills every two years.</td>
<td>Ensure the validity of Disaster Preparedness Plan with respect to SAP and critical systems</td>
<td>Execute at least one remote testing of the offshore backup system annually</td>
<td>Kanes</td>
</tr>
<tr>
<td>823</td>
<td>B</td>
<td>FY 2017/18 Quarterly</td>
<td>332</td>
<td>Agency</td>
<td>Management</td>
<td>C</td>
<td>Evaluate cutting-edge, innovative projects to ensure the implementation will benefit customers, water supplies and environmental stewardship.</td>
<td>Document Change Request Management (CharRM) to include justifications, key objectives, targeted improvements and obtain key stakeholders’ approval for all projects requiring more than 80 hours of work by BIS staff</td>
<td>Schedule meetings with requestors to confirm document change needs. Significant enhancements will be monitored on Sharepoint.</td>
<td>Kanes</td>
</tr>
<tr>
<td>824</td>
<td>B</td>
<td>FY 2017/18 Annual</td>
<td>333</td>
<td>Agency</td>
<td>Management</td>
<td>C</td>
<td>Comply with all regulatory requirements.</td>
<td>Comply with SDB72 requirements</td>
<td>Published required information on Agency’s website (external) prior to the due date</td>
<td>Kanes</td>
</tr>
</tbody>
</table>

The project was terminated due to proposed solution’s shortcomings and unlikelihood of addressing the testing team's needs at an affordable cost.

### Contracts and Procurement

<table>
<thead>
<tr>
<th>ID</th>
<th>Goal ID</th>
<th>Start FY</th>
<th>Reporting</th>
<th>Division</th>
<th>Bus. Work Plan Goal</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>825</td>
<td>B</td>
<td>FY 2017/18 Annual</td>
<td>375</td>
<td>Finance</td>
<td>and Administration</td>
<td>B</td>
<td>Review and update the Disaster Preparedness Plan and conduct periodic emergency response drills every two years.</td>
<td>Ensure product and service availability from third party suppliers in emergency situations.</td>
<td>Complete by Fiscal Year-End</td>
<td>A number of Agreements are in place and are updated as required per a schedule</td>
</tr>
<tr>
<td>826</td>
<td>B</td>
<td>FY 2017/18 Annual</td>
<td>377</td>
<td>Finance</td>
<td>and Administration</td>
<td>B</td>
<td>Ensure staff is fully trained on administrative functions and policies included in the Administrative Code.</td>
<td>Provide Agency-wide training on the Agency’s contract and purchasing ordinance, including but not limited to State and Federal codes, and Agency processes.</td>
<td>Complete by Fiscal Year-End</td>
<td>A number of training sessions completed for each department, and monitored using sign-in sheets</td>
</tr>
<tr>
<td>827</td>
<td>B</td>
<td>FY 2017/18 Semi-Annual</td>
<td>379</td>
<td>Finance</td>
<td>and Administration</td>
<td>C</td>
<td>Conduct lessons learned sessions to evaluate key program implementation.</td>
<td>Increase post project discussion with Agency project managers.</td>
<td>Completed by January 30, 2016</td>
<td>Quarterly meetings will be scheduled with project managers.</td>
</tr>
<tr>
<td>828</td>
<td>B</td>
<td>FY 2017/18 Annual</td>
<td>380</td>
<td>Finance</td>
<td>and Administration</td>
<td>C</td>
<td>Utilize green procurement and reuse of surplus materials, equipment and parts, when possible.</td>
<td>Encourage the inclusion of these requirements in the various Agency projects.</td>
<td>Complete by Fiscal Year-End</td>
<td>A number of recommendations will be provided to project managers, and will be monitored as projects are in process</td>
</tr>
<tr>
<td>829</td>
<td>B</td>
<td>FY 2017/18 Annual</td>
<td>382</td>
<td>Finance</td>
<td>and Administration</td>
<td>C</td>
<td>Develop an Administrative Code to provide a platform for transparent communication with member agencies on key activities, issues, policies, and key documents.</td>
<td>Annually review and update department related policies, procedures and ordinances.</td>
<td>Complete by Fiscal Year-End</td>
<td>Policies, procedures, and ordinances will be placed on Outlook calendars for review as required.</td>
</tr>
</tbody>
</table>

No new enterprise software added in FY2018.

As the Agency’s Disaster Response Plan gains momentum, we will go back to the identified contracts. We currently include emergency response clauses in the newly issued contracts to support the goal.

Staff has completed several training sessions, however with the postponing of the Procurement Ordinance and recent SAP enhancement development, we have postponed training.

No change as staff continues to meet with various departments and project managers in support of better meeting their needs and efficiencies.

We have sent several vehicles and equipment to surplus auctions and continue to do so.

No change in status we the Administrative Code and Procurement Ordinance are not updated.
### Contracts and Procurement (cont.)

<table>
<thead>
<tr>
<th>ID</th>
<th>Goal</th>
<th>Division</th>
<th>Bus. Goal</th>
<th>Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
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<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>384</td>
<td>FY 2017/18 Annual</td>
<td>Finance and Administration</td>
<td>C</td>
<td>Collaborate with and support local businesses and economic development in the region through regional programs.</td>
<td>Promote the Agency's Business Outreach Program</td>
<td>Complete by Fiscal Year-End</td>
<td>Through social media and other outreach events a 5% participation rate is to be obtained. Programs and participation will be reported to supervision and management.</td>
<td>Warren Green</td>
<td>August</td>
<td>2018</td>
<td>Behind Schedule</td>
<td>No change as personnel issues continue to drive workload adjustments reducing our opportunity to move forward with the formalized SBO.</td>
</tr>
</tbody>
</table>

### Engineering

<table>
<thead>
<tr>
<th>ID</th>
<th>Goal</th>
<th>Division</th>
<th>Bus. Goal</th>
<th>Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
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<th>Note Year</th>
<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>465</td>
<td>FY 2017/18 Monthly</td>
<td>Engineering, Planning and Science</td>
<td>B</td>
<td>Develop and implement a plan to mentor and prepare the next generation of the IEUA team.</td>
<td>Enhance communication and development during a monthly mentoring meeting with Senior and Junior staff.</td>
<td>Ongoing</td>
<td>Conduct mentoring meetings at least 10 times per year.</td>
<td>Shaun Stone</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>No February, March, May and June, staff conducted four Monthly Mentoring sessions with the Assistant Engineers. The two sessions conducted during February and March were not included in the previous reporting period. Overall for the year staff conducted 9 mentoring sessions or 90% of the stated goal.</td>
</tr>
<tr>
<td>467</td>
<td>FY 2017/18 Monthly</td>
<td>Engineering, Planning and Science</td>
<td>C</td>
<td>Conduct lessons learned sessions to evaluate key program implementation.</td>
<td>Review and evaluate all projects for best practices that can be applied to future projects.</td>
<td>Ongoing</td>
<td>At a minimum of 10 times per year</td>
<td>Shaun Stone</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff conducted three lessons learned during this period, May: &quot;SOP-78 Pre-Qualification of Contractors&quot;, June: &quot;CCWRF and RP-1 Switches&quot; and &quot;Emergency Contract Contact&quot;. Overall for the year, staff conducted 7 Lessons Learned or 70% of the stated goal.</td>
</tr>
<tr>
<td>469</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Develop a monitoring and assessment program to support the implementation of the Asset Management Plan.</td>
<td>Complete Asset Management Plan by November 2019.</td>
<td>Ongoing</td>
<td>Submit progress updates every six months, planned completion by November 2019. Capital spending within Fiscal Year Budget = 90%, Actual expenditures as a percentage of forecasted expenditures = 90%, Project costs within 110% of the Total Project Budget established in the Project Charter = 90%</td>
<td>Shaun Stone</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff is developing a needs assessment in order to develop an efficient and workable asset management program.</td>
</tr>
<tr>
<td>471</td>
<td>FY 2017/18 Monthly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Implement projects in a timely and cost-effective manner.</td>
<td>Provide high quality project management</td>
<td>Ongoing</td>
<td></td>
<td>Shaun Stone</td>
<td>August</td>
<td>2018</td>
<td>Schedule</td>
<td>Capital spending within Fiscal Year Budget = 77%, Actual expenditures as a percentage of forecasted expenditures = 88%, Project costs within 110% of the Total Project Budget established in the Project Charter = 16 of 24 projects, 67%</td>
</tr>
<tr>
<td>473</td>
<td>FY 2017/18 Monthly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Implement energy efficient projects and efficiencies into existing facilities and equipment.</td>
<td>Staff are actively reviewing projects for Southern California Edison (SCE) savings programs.</td>
<td>Ongoing over two years</td>
<td>All applicable projects will be sent to SCE for incentives.</td>
<td>Shaun Stone</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>During the last quarter Engineering and Operations worked with The Energy Network to evaluate the merits of replacing the blowers at RP-4. Data loggers were placed on one of the blowers for a 30 day period. The data is currently being analyzed and the result will be available next quarter.</td>
</tr>
<tr>
<td>87</td>
<td>FY 2018/19 Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>D</td>
<td>Achieve 20,000 acre feet of recycled water recharge in Dry Years by June 2019</td>
<td>Implement the schedule consistent with the RWPS and the Recharge Master Plan Update</td>
<td>Continuous</td>
<td>Meet the schedules as defined by the RWPS and RMPU</td>
<td>Shaun Stone</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>The RWPS was used to develop recommended projects and TYCIP.</td>
</tr>
<tr>
<td>Goal ID</td>
<td>FY 2017/18</td>
<td>Start</td>
<td>Reporting</td>
<td>Division</td>
<td>Business Work Plan Goal</td>
<td>Department Goal</td>
<td>Time Line</td>
<td>KPI</td>
<td>Assigned To</td>
<td>Note Month</td>
<td>Note Year</td>
<td>Status</td>
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</tr>
<tr>
<td>91</td>
<td>FY 2018/19</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>D</td>
<td>Coordinate with the Chino Basin Watermaster on the Recharge Master Plan Update by July 2019</td>
<td>Implement projects by the schedule as identified in the RMPU</td>
<td>continuous</td>
<td>Meet schedule as defined by the RMPU</td>
<td>Shaun Stone</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
</tbody>
</table>

**External Affairs**

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2017/18</th>
<th>Start</th>
<th>Reporting</th>
<th>Division</th>
<th>Business Work Plan Goal</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Note Month</th>
<th>Note Year</th>
<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>435</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>External Affairs and Policy Development</td>
<td>A</td>
<td>Advocate for continued receipt of property taxes and optimize grants and other funding sources to support Agency and regional investments.</td>
<td>Build and maintain strong working relationships with elected officials within the region to assist in promoting the Agency’s priorities and investments.</td>
<td>Ongoing</td>
<td>Continue to invite elected officials to Agency events and hold VIP tours per year.</td>
<td>Kathryn Bassi</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff continues to reach out to elected officials in efforts to build and maintain crucial relationships. Staff continuously invites elected officials and their staff to tour IEUA facilities or participate in IEUA events as appropriate.</td>
</tr>
<tr>
<td>437</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>External Affairs and Policy Development</td>
<td>B</td>
<td>Ensure staff upholds their role in achieving the Agency's Mission, Vision, and Values.</td>
<td>Continue to incorporate the Agency's mission, vision, and values within the process of updating Agency documents.</td>
<td>Ongoing</td>
<td>Work with CAP to update the Agency's documents: letterhead, business cards, and other in FY 2017/18.</td>
<td>Kathryn Bassi</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>The Agency updates fact sheets, the website and other brochures throughout the year are necessary. The last fact sheet update was completed in August 2018.</td>
</tr>
<tr>
<td>439</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>External Affairs and Policy Development</td>
<td>E</td>
<td>Ensure staff upholds their role in achieving the Agency's Mission, Vision, and Values.</td>
<td>Provide staff with opportunities for technical and professional training classes.</td>
<td>Obtain Gold Standard in Laserfiche Management Certified Computer Professional (CCP) by December 2017. Attend ATISNA International training by October 2017. Attend Laserfiche Conference by February 2018.</td>
<td>Measure the percentage of Records Management staff trained in Records and Information Management disciplines.</td>
<td>Linda Johnson</td>
<td>August</td>
<td>2018</td>
<td>Behind Schedule</td>
<td>Records Management experienced a staffing change for two Records Specialist in October 2017. As a result, the Gold Standard in Laserfiche Management Certified Computer professional (CCP) was not obtained. The classes were reassigned to a new Records Management Specialist in May 2018. This goal will be completed by May 2019.</td>
</tr>
<tr>
<td>441</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>External Affairs and Policy Development</td>
<td>E</td>
<td>Ensure staff upholds their role in achieving the Agency's Mission, Vision, and Values.</td>
<td>Conduct Agency training on department processes that in support of managing electronic records</td>
<td>Staff to train Agency employees on Laserfiche software for Phases 2-3 by June 30, 2018</td>
<td>Measure the percentage of agency staff trained in records management best practices and management of electronic records.</td>
<td>Linda Johnson</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>The ECMS Laserfiche Initiatives were revised to implement Phases on a calendar year rather than a fiscal year. The Laserfiche Initiatives were revised to include certain Department’s ability to upload their records into the Laserfiche system; therefore training in best practices and management of electronic records. All employees in the CAP department were trained on uploading contracts into the Laserfiche system. In addition, PEC, IERCF, as well as Eng and Const Management are uploading records into Laserfiche. An additional 10 Agency employees have been trained.</td>
</tr>
<tr>
<td>Goal ID</td>
<td>Start</td>
<td>Reporting</td>
<td>Division</td>
<td>Bus. Plan</td>
<td>Goal</td>
<td>Department Goal</td>
<td>Time Line</td>
<td>KPI</td>
<td>Assigned To</td>
<td>Note</td>
<td>Status</td>
<td>Complete</td>
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<tr>
<td>443</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>External Affairs and Policy Development</td>
<td>C</td>
<td>Conduct lessons taught sessions to evaluate key program implementation.</td>
<td>Hold department lessons taught meetings to evaluate and improve the effectiveness and efficiency of Agency events and educational programs</td>
<td>Ongoing</td>
<td>Hold 1 per year on major programs/events.</td>
<td>Kathryn Besser</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Staff has also continued to review and conduct lessons learned from park tours experiences including staffing, curriculum, and outreach methods and materials. Staff will complete a lessons learned meeting on the holiday picnic that was recently held in August 2018.0</td>
<td></td>
</tr>
<tr>
<td>445</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>External Affairs and Policy Development</td>
<td>C</td>
<td>Translate complex water/environmental regulations and the IEUA role in protecting regional programs, economy and environment for the public and elected officials.</td>
<td>Continue to work with community groups and the regional technical and policy committees to relay information and updates on the complex issues that impacting the region.</td>
<td>Ongoing</td>
<td>Attend monthly Regional Policy and Technical Committee meetings. Attend and present 1 community event per quarter.</td>
<td>Kathryn Besser</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>The Executive Manager of External Affairs and Policy Development/AGM continues to attend each Regional Policy and Technical committees. IEUA staff has continued to reach out to partnering agencies regarding legislation as it relates to them to help determine a regional opinion and approach.</td>
<td></td>
</tr>
<tr>
<td>447</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>External Affairs and Policy Development</td>
<td>C</td>
<td>Provide support for positions that would enable the implementation of the Agency's goals.</td>
<td>Continue to cultivate strong working relationships with elected officials and governmental agencies to help ensure IEUA continues to be a regional leader in water, wastewater and renewable energy issues.</td>
<td>Ongoing</td>
<td>Invite elected officials to Agency events and hold a minimum of 3 VIP tours per year.</td>
<td>Kathryn Besser</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Staff continues to reach out to elected officials in efforts to build and maintain crucial relationships. Staff recently sent out thank you letters to delegates inviting them to visit our facilities.</td>
<td></td>
</tr>
<tr>
<td>449</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>External Affairs and Policy Development</td>
<td>D</td>
<td>Work to change landscape and agricultural practices of high chemical use to increase use of compost to improve groundwater quality.</td>
<td>Continue to watch legislation as it relates to compost and organics. When applicable participate in promoting legislation that advances this work plan.</td>
<td>Ongoing</td>
<td>Work with state and federal legislative offices to support any proposed bill language or programs that bring awareness and use of compost and organics.</td>
<td>Kathryn Besser</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Staff and contracted lobbyist continue to monitor and analyze Federal and State legislation. Staff works closely with the Manager of the IEUCF to stay up to date with necessary the compost organizations and their positions on current legislation.</td>
<td></td>
</tr>
<tr>
<td>451</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>External Affairs and Policy Development</td>
<td>E</td>
<td>Develop and analyze processes related to salinity management.</td>
<td>Continue to audit big box stores' inventory of water softeners and continue to work with planning staff to pass ordinances in remaining cities.</td>
<td>Ongoing</td>
<td>Audit 35 stores per year and present findings at city council meetings.</td>
<td>Kathryn Besser</td>
<td>May 2018</td>
<td>On Schedule</td>
<td>Audits and finding presentations will be completed in the 4th quarter of FY 17/18.</td>
<td></td>
</tr>
<tr>
<td>453</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>External Affairs and Policy Development</td>
<td>E</td>
<td>Pursue opportunities for renewable energy development and interconnection with grid.</td>
<td>Continue to monitor legislation and policy as it relates to the use and development of renewable energy, advocating on behalf of the Agency when applicable.</td>
<td>Ongoing</td>
<td>Work with state and federal legislative offices to support any proposed bill language or programs that continue to develop the use of renewable energy.</td>
<td>Kathryn Besser</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Staff and contracted lobbyist continue to monitor and analyze Federal and State legislation.</td>
<td></td>
</tr>
</tbody>
</table>
### External Affairs (cont.)

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start 2017/18</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>455</td>
<td>Monthly</td>
<td>External Affairs and Policy Development</td>
<td>F</td>
<td>Conduct educational and outreach programs and activities related to the Agency's key areas of business.</td>
<td>Ongoing</td>
<td>Increase outreach to schools within the region. Increase IEUA's posts on social media to continue to increase the Agency's social media following - post 2-3 times per week</td>
<td>Katherine Blevins</td>
<td>August 2018 On Schedule</td>
</tr>
</tbody>
</table>

*On average, the External Affairs department has posts ~ 35 times a month, approximately 8 posts per week on both Facebook and Twitter accounts. Staff has continued to increase IEUA’s social media following and works to create new media content to bring awareness to current water matters. During the 4th quarter staff created a new Instagram account specific to the Chino Creek Educational Park and Wetlands to help bring awareness to the park itself.*

### Finance and Accounting

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start 2017/18</th>
<th>Division</th>
<th>Bus. Work Plan</th>
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</tr>
</thead>
<tbody>
<tr>
<td>104</td>
<td>Quarterly</td>
<td>Finance and Administration</td>
<td>A</td>
<td>Reinstate the Agency's long term credit rating to AAA and maintain a debt coverage ratio to support such rating by FY 2017/18</td>
<td>Completed by June 2018</td>
<td>Adopt rates that meet cost of service.</td>
<td>Javier Chagoyan-Lazaro</td>
<td>August 2018 On Schedule</td>
</tr>
</tbody>
</table>

*Continue to monitor the Agency credit rating and collaborate with financial advisor in developing financing strategies for supporting the Agency's ten year capital improvement plan (TVCIP).*

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start 2017/18</th>
<th>Division</th>
<th>Bus. Work Plan</th>
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</thead>
</table>

*Staff monitors each program fund's revenues, expenditures, and reserve balances, and provide updates through the quarterly budget variance analysis. Monitoring and reviewed programs' cost of service.*

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start 2017/18</th>
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<tbody>
<tr>
<td>388</td>
<td>Semi-Annual</td>
<td>Finance and Administration</td>
<td>A</td>
<td>Continue commitment to sustainable cost containment for operating and capital costs.</td>
<td>Ongoing</td>
<td>Verify via analysis and reporting that operating and capital expenditures are on track with annual program fund budgets and adjust if necessary to meet program needs.</td>
<td>Javier Chagoyan-Lazaro</td>
<td>August 2018 On Schedule</td>
</tr>
</tbody>
</table>

*Monitoring and analyzing revenue and expenditures items through the budget variance reporting. Departments provide explanation and justification according to the budget variance reporting requirements.*

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start 2017/18</th>
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<th>Bus. Work Plan</th>
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<tbody>
<tr>
<td>390</td>
<td>Semi-Annual</td>
<td>Finance and Administration</td>
<td>A</td>
<td>Advocate for continued receipt of property taxes and optimize grants and other funding sources to support Agency and regional investments.</td>
<td>Ongoing</td>
<td>Review via analysis and reporting that operating and capital revenues are on track with annual program fund budgets.</td>
<td>Javier Chagoyan-Lazaro</td>
<td>August 2018 On Schedule</td>
</tr>
</tbody>
</table>

*Monitoring the Agency's revenue and funding source; property tax, connection fees, recycled water sales, and grants, as well as operations and maintenance expenses, debt service, and capital spending.*

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start 2017/18</th>
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<tbody>
<tr>
<td>392</td>
<td>Annual</td>
<td>Finance and Administration</td>
<td>A</td>
<td>Fully fund the Other Post-Employment Benefits (OPEB) unfunded accrued liability by July 2019.</td>
<td>Annual funding by July 2018</td>
<td>Annual contributions until reaching fully funded status.</td>
<td>Javier Chagoyan-Lazaro</td>
<td>August 2018 On Schedule</td>
</tr>
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</table>

*Continue to make annual contribution for OPEB to minimize future liability.*

<table>
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<tr>
<th>Goal ID</th>
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</thead>
<tbody>
<tr>
<td>394</td>
<td>Annual</td>
<td>Finance and Administration</td>
<td>A</td>
<td>Fully fund the pension unfunded accrued liability by July 2024.</td>
<td>Annual funding by July 2018</td>
<td>Annual contributions until reaching fully funded status.</td>
<td>Javier Chagoyan-Lazaro</td>
<td>August 2018 On Schedule</td>
</tr>
</tbody>
</table>

*Continue to make annual contribution to pension liability.*
<table>
<thead>
<tr>
<th>Goal</th>
<th>FY</th>
<th>Reporting</th>
<th>Division</th>
<th>Bus. Goal</th>
<th>Work Plan</th>
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<th>Note Year</th>
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<tbody>
<tr>
<td>396</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Finance and Administration</td>
<td>A Integrate projects identified in the long range financial planning documents, such as the Asset Management Plan, Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budgets.</td>
<td>Update Long Range Plan of Finance (LRPF) and Ten-Year Capital Improvements Plan (TYCIP).</td>
<td>Present to the Board by June 2018.</td>
<td>Javier Chapoyen-Lazaro</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Worked with Planning and Engineering departments; review and discussion on the FY 2018/19 TYCIP major projects, respective projected funding and debt financing. Based on Executive Management's recommendation, the preparation of LRPF will commence upon the adoption of multi-year rate for FY 2020/21.</td>
<td></td>
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</tr>
<tr>
<td>400</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Finance and Administration</td>
<td>A Continue to monitor market opportunities to reduce cost of outstanding debt.</td>
<td>Monitor market opportunities for retirement, refunding, or restructuring of outstanding debt to reduce costs.</td>
<td>Verify with Agency's financial advisor at least two times a year.</td>
<td>Javier Chapoyen-Lazaro</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Continue to work with financial advisor in reviewing and updating the Agency's debt financing strategies that best fit to support the projected capital expenditures.</td>
<td></td>
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</tr>
<tr>
<td>402</td>
<td>FY 2017/18 Annual</td>
<td>Finance and Administration</td>
<td>A Annually, review and update the Agency's reserve policy to ensure fund reserves meet operating, capital, debt service, obligations, unforeseen events, and comply with legally mandated requirements.</td>
<td>Review and update the Agency's reserve policy to ensure sufficient funding to meet operating, capital, debt service obligations, unforeseen events, and comply with legally mandated requirements.</td>
<td>Complete by Fiscal Year-End</td>
<td>Javier Chapoyen-Lazaro</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Revised the investment policy to reflect the transitioning of investment portfolio managed by outside investment advisory team.</td>
<td></td>
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</tr>
<tr>
<td>404</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Finance and Administration</td>
<td>A Reinstate the Agency's long-term credit rating to AAA and maintain a debt coverage ratio to support such rating.</td>
<td>Work towards the Agency's long-term credit rating target of AAA and maintain a debt coverage ratio to support such a rating.</td>
<td>Receive AAA rating by June 2019.</td>
<td>Javier Chapoyen-Lazaro</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Continue to monitor the Agency's credit rating.</td>
<td></td>
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</tr>
<tr>
<td>408</td>
<td>FY 2017/18 Monthly</td>
<td>Finance and Administration</td>
<td>A Promote a safer work environment by administering and monitoring required safety and regulatory trainings and increase field presence of Safety staff.</td>
<td>Complete assigned safety training as provided on the department tracker by the Safety department.</td>
<td>Complete 21 safety briefs annually and provide safety briefs to the Safety department to keep safety briefs tracker updated.</td>
<td>Javier Chapoyen-Lazaro</td>
<td>August 2018</td>
<td>On Schedule</td>
<td>Staff adhere to and attend required safety and compliance related training regularly.</td>
<td></td>
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</tbody>
</table>

**Exhibit B**

Goal ID: Reporting Month: August, January

February, March, April, May, June, July

August, September, October, November, December


Completed: Yes

Status: On Schedule

Schedule Behind: Schedule

Notes: Continue to work with financial advisor in reviewing and updating the Agency's debt financing strategies that best fit to support the projected capital expenditures.
<table>
<thead>
<tr>
<th>Grants Administration</th>
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<tbody>
<tr>
<td>ID</td>
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<td>457</td>
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<th>Human Resources</th>
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<tr>
<td>Human Resources (cont.)</td>
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</tr>
<tr>
<td>429 FY 2017/18 Quarterly</td>
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<tr>
<td></td>
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<tr>
<td>431 FY 2017/18 Monthly</td>
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<tr>
<td>433 FY 2017/18 Monthly</td>
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<tr>
<td>Integrated Systems Services</td>
</tr>
<tr>
<td>335 FY 2017/18 Annual</td>
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<tr>
<td>336 FY 2017/18 Annual</td>
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<td>337 FY 2017/19 Annual</td>
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<td>338 FY 2018/19 Annual</td>
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<tr>
<td>339 FY 2017/18 Annual</td>
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### Integrated Systems Services (cont.)

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2018/19</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Note Year</th>
<th>Note Month</th>
<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>340</td>
<td>Annual</td>
<td>Agency Management</td>
<td>C</td>
<td>Annual update</td>
<td>Emergency Response and Operational Plans for all facilities.</td>
<td>Annually update the technology disaster recovery plans, contingency plans, and cyber security incident response plans</td>
<td>Annual completed by calendar year end</td>
<td>Update plans annually based on test results. Test results and plans will be presented to managers for tracking purposes.</td>
<td>David Malm</td>
<td>August</td>
<td>2018 On Schedule</td>
<td>Test is scheduled for August 29th, 2018</td>
</tr>
</tbody>
</table>

### Internal Audit

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2017/18</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>KPI</th>
<th>Assigned To</th>
<th>Note Year</th>
<th>Note Month</th>
<th>Status</th>
<th>Complete Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>341</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>A</td>
<td>Continue commit</td>
<td>to sustainable cost containment for operating and capital costs.</td>
<td>Promote a strong control environment by conducting independent and objective audits of Agency operations where the focus and audit scope includes identifying areas and providing recommendations for cost containment, effectiveness and efficiency in operations and opportunities to improve and areas of cost containment and make the Agency's processes and programs more efficient.</td>
<td>Report to the Audit Committee on completed audit projects Quarterly: March, June, September, and December</td>
<td>Completed audit projects and feedback from the Audit Committee and audited business units.</td>
<td>Teresa Valarde</td>
<td>August</td>
<td>2016 On Schedule</td>
<td>IA has completed audits scheduled through the Board-approved Annual Audit Plan. All audits focus on efficiency and effectiveness as well as compliance and internal controls while keeping cost containment in mind.</td>
</tr>
</tbody>
</table>

### Data Entry and Administrative Support (DEAS)

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2017/18</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
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<th>Note Month</th>
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<tbody>
<tr>
<td>343</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>B</td>
<td>Ensure staff upholds their role in achieving the Agency's Mission, Vision, and Values.</td>
<td>Promote a strong control environment by conducting independent, objective audits of Agency operations where the focus and the audit scope includes evaluating that Agency processes and systems comply with the Agency's Mission, Vision, Values, best practice operations, processes and programs, Agency policies and procedures, as well as senior management input, as the criteria against which to measure performance and results of the audited business areas.</td>
<td>Report to the Audit Committee on completed audit projects Quarterly: March, June, September, and December</td>
<td>Internal Audits are to provide an independent and objective opinion, and feedback or recommendations for improvement and measure on how closely the criteria (Agency policies, procedures, including Mission, Vision and Values) are met, followed or understood. Provide recommendations to the appropriate personnel where to address gaps identified.</td>
<td>Teresa Valarde</td>
<td>August</td>
<td>2016 On Schedule</td>
<td>IA has completed audits as scheduled through the Board-approved Annual Audit Plan. All audits focus on efficiency and effectiveness as well as compliance and internal controls while keeping cost containment and tighter controls in mind - all reports provided recommendations and suggestions. Additionally, IA and all audit reports promote the Agency's mission, values, goals and objectives.</td>
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### Develop and Implement a Plan to mentor and prepare the next generation of the IEUA team.

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY 2017/18</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
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<th>Note Month</th>
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<tbody>
<tr>
<td>345</td>
<td>Annual</td>
<td>Agency Management</td>
<td>B</td>
<td>Maintain knowledgeable, skilled and experienced audit staff and promote continuous professional development and professional certifications and higher education, as recommended and required under the auditing standards and the IAD Charter to ensure continuous IAD improvement and to stay abreast of developing trends.</td>
<td>Continuous requirement</td>
<td>Require 20 hours of Continuous Professional Education to be confirmed via requests for educational reimbursement and or through travel and expense reports.</td>
<td>Teresa Valarde</td>
<td>August</td>
<td>2018 On Schedule</td>
<td>All three auditors are working towards earning the Certified Internal Auditor certification title. All three already possess a higher level designation. All staff must meet the requirements of the IIA Standards and the Board-approved Charter for continuing professional development and education.</td>
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<td>Goal ID</td>
<td>FY 2017/18</td>
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<td>Division</td>
<td>Bus. Goal</td>
<td>Work Plan</td>
<td>Department Goal</td>
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<tr>
<td>347</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Agency Management</td>
<td>B</td>
<td>Develop and Implement a plan to mentor and prepare the next generation of the IIA team</td>
<td>Encourage internal auditors to achieve the Certified Internal Auditor Designation by the Institute of Internal Auditors</td>
<td>Designations should be achieved by July 2019</td>
<td>Certification granted by the IIA is the measurement for certificate designation.</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On</td>
</tr>
<tr>
<td>349</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>B</td>
<td>Uphold a strong internal control environment by conducting independent objective internal and external audits of Agency's business practices.</td>
<td>Promote a strong control environment by conducting independent objective internal and external audits of Agency operations where the focus and scope includes identifying areas and providing recommendations for strong internal controls, effectiveness and efficiency in operations, improving customer service at all levels, ensuring safeguarding of Agency Assets, identifying ways to be effective and efficient.</td>
<td>Report to the Audit Committee on completed audit projects Quarterly: March, June, September, and December</td>
<td>Completed audit projects and feedback from the Audit Committee and audited business units.</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On</td>
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<tr>
<td>351</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Agency Management</td>
<td>B</td>
<td>Review and update the Disaster Preparedness Plan and conduct periodic emergency response drills every two years.</td>
<td>Update and maintain the Internal Audit Department's Disaster Preparedness Plan that supports the Agency-wide Plan and submit to the Audit Committee for review and submittal to the Board.</td>
<td>Annually December</td>
<td>Completed department plan that supports Agency-wide plan.</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On</td>
</tr>
<tr>
<td>353</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Agency Management</td>
<td>B</td>
<td>Ensure staff is fully trained on administrative functions and policies included in the Administrative Code.</td>
<td>Maintain knowledgeability, skilled and experienced audit staff and promote continuous professional development and professional certifications and higher education, as recommended and required under the auditing standards and the IAD Charter to ensure continuous IAD improvement and to stay abreast of developing trends as well as training and knowledge of the Internal Audit Department's Standard Operating Procedures, ensure those procedures as well as the IAD Charter is updated annually, hold staff accountable for understanding their responsibilities under the SOPs, the Charters, Agency Policies and Directives and other policy documents.</td>
<td>Training provided continuously and ongoing, reported quarterly to the Audit Committee.</td>
<td>Completed Training, demonstration of application of the policies</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On</td>
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Business Goals & Objectives Report By Department

FY 2017/18
4th Quarter

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>FY Start</th>
<th>Reporting Required</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
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</thead>
<tbody>
<tr>
<td>355</td>
<td>FY 2017/18 Quarterly Agency Management</td>
<td>C Leverage private/public partnership opportunities.</td>
<td>Establish, maintain and strengthen audit-related private/public partnership opportunities to have network ties and associates where audit-related topics can be shared, discussed, and evaluated with the goal of continuous internal audit processes improvement.</td>
<td>Report quarterly to the Audit Committee and the Board. March, June, September and December.</td>
<td>Resourcefulness of networks.</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Completed and on-going. Staff are required to upload a professional demeanor at all times with all levels of staff. IA maintains loyalty to the Agency through assisting in achieving organizational goals and to the Board through ensuring reports contain objective assessments and facts.</td>
<td></td>
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</tr>
<tr>
<td>357</td>
<td>FY 2017/18 Annual Agency Management</td>
<td>C Develop an Administrative Code to provide a platform for transparent communication with member agencies on key activities, issues, policies, and key documents.</td>
<td>Assist in any way by working closely with management and the Agency attorney, in the development of the Administrative Code, providing objective and independent review and feedback to the Administrative Code to ensure related policy and procedure requirements are addressed.</td>
<td>Report and respond to requests for feedback timely when requested.</td>
<td>Comments and recommendations provided on documents</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Completed. IA assisted and provided recommendations, edits and feedback on draft versions of the Administrative Code documented by course. Recommendations were related to Agency policies, procedures, internal controls and other information.</td>
<td></td>
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<tr>
<td>359</td>
<td>FY 2017/18 Quarterly Agency Management</td>
<td>C Provide support for positions that would enable the implementation of the Agency’s goals.</td>
<td>Promote support for the achievement of Agency goals, objectives, mission and values through audit areas where the goal and scope of the reviews are to measure the performance of a program, a process, or a service or compare results to goals and identify areas for improvement, make recommendations to improve efficiencies. Conduct independent objective audits of Agency operations where the focus and the audit scope would be to identify opportunities for improvement and provide support for positions, processes, developments and initiatives at any level of the Agency, that would enable the implementation and support of the Agency goals and the achievement of those goals.</td>
<td>Report quarterly to the Audit Committee and the Board. March, June, September and December.</td>
<td>Completed audit projects and feedback/comments from Agency management and or the Audit Committee and the Board.</td>
<td>Teresa Velarde</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Completed and ongoing. As documented in the Board-approved Charter and IIA Standards, IA’s role is to assist the Agency, the Board and the GM in achieving organizational goals and objectives while looking for opportunities to tighten controls, improve the effectiveness and efficiency opportunities. IA follows a disciplined methodology as outlined by the IIA standards and conducts work in a professional manner.</td>
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**Laboratory**

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<tr>
<th>Goal ID</th>
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<th>Division</th>
<th>Bus. Work Plan</th>
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<th>Note Year</th>
<th>Status</th>
<th>Complete Notes</th>
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<tbody>
<tr>
<td>537</td>
<td>FY 2017/18 Annual Engineering, Planning and Science</td>
<td>B Ensure staff understands their role in achieving the Agency’s Mission, Vision, and Values.</td>
<td>Ensure all activities align and are consistent with the Agency’s Objectives</td>
<td>Ongoing</td>
<td>Laboratory policies and procedures updated as needed.</td>
<td>Neil Groenweid</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff updating and adhering to Laboratory MIPs</td>
<td></td>
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<tr>
<td>Goal ID</td>
<td>FY 2017/18</td>
<td>Reporting Required</td>
<td>Division</td>
<td>Bus. Goal</td>
<td>Department Goal</td>
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<tr>
<td>540</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Engineering, Planning and Science</td>
<td>B</td>
<td>Uphold a strong internal control environment by conducting independent objective internal and external audits of Agency’s business practices.</td>
<td>Annual July 31</td>
<td>Meet 100% of criteria</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Lab internal audit scheduled for May 2018</td>
</tr>
<tr>
<td>543</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Engineering, Planning and Science</td>
<td>B</td>
<td>Prepare a plan and timeline to meet the standards of the Ca' Star Award program from OSHA.</td>
<td>Annual - June 30</td>
<td>CHP reviewed and updated to incorporate program award requirements</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Finalized CHP document delayed to August 2018 to reflect changes needed after move to Water Quality Lab at HQ</td>
</tr>
<tr>
<td>545</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Engineering, Planning and Science</td>
<td>B</td>
<td>Promote a safer work environment by administering and monitoring required safety and regulatory trainings and increase field presence of Safety staff.</td>
<td>Bi-Weekly</td>
<td>All Laboratory staff to attend all required meetings, at month end and review of tag-out sheets</td>
<td>Nel Groenwald</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Bi-weekly safety meeting held as required</td>
</tr>
<tr>
<td>547</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>C</td>
<td>Evaluate cutting-edge, innovative projects to ensure the implementation will benefit customers, water supplies and environmental stewardship.</td>
<td>Ongoing, expected completion August 2018</td>
<td>Respond to CM RFIs in timely manner, causing no delays in construction</td>
<td>Nel Groenwald</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Delay in completion of new lab, continue to work with CM staff</td>
</tr>
<tr>
<td>548</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Engineering, Planning and Science</td>
<td>C</td>
<td>Evaluate cutting-edge, innovative projects to ensure the implementation will benefit customers, water supplies and environmental stewardship.</td>
<td>August 2018</td>
<td>Minimal disruption to Laboratory customers during transition from old Laboratory at RP-1 to Water Quality Laboratory located at HQ.</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Not applicable until FY18/19</td>
</tr>
<tr>
<td>549</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Engineering, Planning and Science</td>
<td>C</td>
<td>Evaluate cutting-edge, innovative projects to ensure the implementation will benefit customers, water supplies and environmental stewardship.</td>
<td>Ongoing</td>
<td>Evaluate new technologies in water analyses, implementing after completion of Water Quality Laboratory</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Not applicable until FY18/19</td>
</tr>
<tr>
<td>551</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>D</td>
<td>Meet basin plan requirements and objectives in support of the recycled water program.</td>
<td>Ongoing</td>
<td>Meet sample turnaround times in support of recycled water program requirements</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Ongoing, met schedule for 3Q</td>
</tr>
<tr>
<td>553</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Engineering, Planning and Science</td>
<td>F</td>
<td>Monitor treatment plant performance to meet regulatory requirements.</td>
<td>Ongoing</td>
<td>Meet sample turnaround times in support of Operations process control and NPDES permit requirements.</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Ongoing, met timelines for 3Q</td>
</tr>
<tr>
<td>555</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Develop a plan to continue maximizing recycled water use by meeting Basin Plan and regulatory water quality requirements such as TOC and, TIN objectives.</td>
<td>Quarterly</td>
<td>Support analyses requests for Basin Plan water quality requirements.</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Ongoing, met timelines for 3Q</td>
</tr>
<tr>
<td>557</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Proactively track and manage constituents of emerging concerns.</td>
<td>Ongoing, Expected completion in FY 2018/19</td>
<td>Purchase and install LC/MS/MSS instrument to begin analysis of emerging constituents in Water Quality Laboratory</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>See Q2 comments</td>
</tr>
<tr>
<td>559</td>
<td>FY 2017/18</td>
<td>Monthly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Operate effective pre-treatment programs to minimize treatment plant upsets.</td>
<td>Ongoing</td>
<td>Support analyses requests for pre-treatment program</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>Currently meeting PTSC reporting timelines</td>
</tr>
<tr>
<td>563</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Comply with all regulatory requirements.</td>
<td>Ongoing</td>
<td>Meet analysis method QC and holding time requirements</td>
<td>Nel Groenwald</td>
<td>May</td>
<td>2018</td>
<td>On Schedule</td>
<td>QA/QC requirements and holding times have been met at &gt;99% for all compliance samples</td>
</tr>
<tr>
<td>Goal ID</td>
<td>Department</td>
<td>Reporting Division</td>
<td>Business Goal</td>
<td>Work Plan</td>
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<td>565</td>
<td>Engineering, Planning and Science</td>
<td>Quarterly</td>
<td>F</td>
<td>Comply with all regulatory requirements.</td>
<td>Begin process of updating Laboratory to new ELAP regulations which will be implemented over the next 6 years</td>
<td>FY 2018/19</td>
<td>IEUA Lab analysis SOP formal meeting new ELAP requirements finalized by July 2018, all analysis SOPs updated with new format by July 2023</td>
<td>Nel Groenveld</td>
<td>May</td>
<td>2018</td>
<td>Behind</td>
<td>Schedule</td>
</tr>
<tr>
<td>512</td>
<td>Operations &amp; Maintenance</td>
<td>Quarterly</td>
<td>A</td>
<td>Continue commitment to sustainable cost containment for operating and capital O&amp;M.</td>
<td>Work within fiscal year budget.</td>
<td>Quarterly</td>
<td>Work within FY 2017/18 and FY 2018/19 Operations budget. Review and report quarterly via the budget variance report.</td>
<td>Randy Lee</td>
<td>August</td>
<td>2018</td>
<td>On</td>
<td>Schedule</td>
</tr>
<tr>
<td>514</td>
<td>Operations &amp; Maintenance</td>
<td>Quarterly</td>
<td>B</td>
<td>Ensure staff upholds their role in achieving the Agency's Mission, Vision, and Values.</td>
<td>Clearly communicate the Agency's Mission, Vision, &amp; Values to staff and align their goals accordingly.</td>
<td>Ongoing</td>
<td>Communication with staff through all hands meetings and various staff meetings, and during annual appraisals.</td>
<td>Randy Lee</td>
<td>August</td>
<td>2018</td>
<td>On</td>
<td>Schedule</td>
</tr>
<tr>
<td>516</td>
<td>Operations &amp; Maintenance</td>
<td>Quarterly</td>
<td>B</td>
<td>Develop and implement a plan to mentor and prepare the next generation of the IEUA team.</td>
<td>Develop pilot mentoring program with the Human Resources department, continue with the Trades Intern Program, continue to hire prior to FTE retirements to provide smooth transition.</td>
<td>Complete by June 30, 2018</td>
<td>Develop Trades Intern program update spread sheet and replacement intern/volunteer positions will be filled within three months. Fully initiate pilot program by the end of FY 2017/18.</td>
<td>Chander Letulle</td>
<td>July</td>
<td>2018</td>
<td>On</td>
<td>Schedule</td>
</tr>
<tr>
<td>517</td>
<td>Operations &amp; Maintenance</td>
<td>Quarterly</td>
<td>D</td>
<td>Meet basin plan requirements and objectives in support of the recycled water program.</td>
<td>Ground water recharge (GWR) compliance with water quality and recharge standards.</td>
<td>Quarterly and Ongoing</td>
<td>Meet Chino Basin Desalter Authority (CDA) assigned production goals.</td>
<td>Chander Letulle</td>
<td>July</td>
<td>2018</td>
<td>On</td>
<td>Schedule</td>
</tr>
<tr>
<td>519</td>
<td>Operations &amp; Maintenance</td>
<td>Quarterly</td>
<td>D</td>
<td>Maintain water quality to meet customer needs, optimize recycled water use and minimize service interruptions and complaints (fruit labels, debris, etc.).</td>
<td>GWR to meet NPDES/RW Title 22 permit requirements for Reservoir management. Maintain equipment (up time) by performing productive and preventative maintenance.</td>
<td>Ongoing</td>
<td>Meeting 100% permit compliance</td>
<td>Andy Campbell</td>
<td>August</td>
<td>2018</td>
<td>On</td>
<td>Schedule</td>
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<tr>
<td>ID</td>
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<td>Note Month</td>
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<tr>
<td>521</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>D</td>
<td>Work to change landscape and agricultural practices of high chemical use to increase use of compost to improve groundwater quality.</td>
<td>Inland Empire Regional Composting Authority (IERCA) - Promote Model Water Efficiency Landscape Ordinance and the state's Healthy Soil Initiative.</td>
<td>Quarterly and Ongoing</td>
<td>Provide updates on progress of initiatives</td>
<td>Jeff Ziegenbein</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>525</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>E</td>
<td>Monitor treatment plant performance to meet regulatory requirements.</td>
<td>100% Permit compliance</td>
<td>Ongoing</td>
<td>Meeting 100% Permit compliance.</td>
<td>Chander Letuliette/Rick Mykitta</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>527</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>E</td>
<td>Develop a plan to continue maximizing recycled water use while meeting Basin Plan and regulatory water quality requirements such as TOC and TIN objectives.</td>
<td>GWR - Continue basin sampling for water quality.</td>
<td>Ongoing</td>
<td>Quarterly GWR water quality sampling.</td>
<td>Andy Campbell</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>529</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>B</td>
<td>Develop a plan to continue maximizing recycled water use while meeting Basin Plan and regulatory water quality requirements such as TOC and TIN objectives.</td>
<td>GWR - Complete the annual compliance report that includes the Recycled Water Contribution plan.</td>
<td>Annual</td>
<td>Complete the annual GWR compliance report.</td>
<td>Andy Campbell</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>531</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>E</td>
<td>Maximize the use of bio-solids, including methods of expanding the use of compost by validating safety and productivity of the wastewater bi-product.</td>
<td>IERCA - Participate and support research to validate compost and bio-solids safety.</td>
<td>Ongoing</td>
<td>Participate at least 2 times per year in industry research roundtables and identify opportunities to support research projects such as the use of bio-solids on fire-ravaged lands.</td>
<td>Jeff Ziegenbein</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>533</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>E</td>
<td>Help position IEUA as a recognized leader in organics management through study, demonstration and application of wastewater organics in landscapes and agriculture.</td>
<td>IERCA - Develop plan for an agricultural demonstration project to demonstrate the value of IERCA compost.</td>
<td>Complete by June 30, 2018</td>
<td>Written plan to be complete by third quarter of FY 2017/18</td>
<td>Jeff Ziegenbein</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>534</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>E</td>
<td>Optimize daily operations to reduce energy costs.</td>
<td>Support implementation of energy monitoring software. Continue to participate in the Southern California Edison demand response program.</td>
<td>Complete by June 30, 2018</td>
<td>Implement software to indicate where large energy usage is occurring.</td>
<td>Randy Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
<tr>
<td>535</td>
<td>Operations &amp; Maintenance</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>F</td>
<td>Comply with all regulatory requirements.</td>
<td>Comply with all Agency regulatory requirements.</td>
<td>Ongoing</td>
<td>Meet 100% compliance throughout the fiscal year.</td>
<td>Chander Letuliette/Rick Mykitta</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
</tr>
</tbody>
</table>

**Planning and Environmental Compliance**

<table>
<thead>
<tr>
<th>ID</th>
<th>Goal</th>
<th>Start</th>
<th>Division</th>
<th>Bus. Goal</th>
<th>Dept. Goal</th>
<th>Time Line</th>
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<tbody>
<tr>
<td>475</td>
<td>Engineering, Planning and Science</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>A</td>
<td>Integrate projects identified in the long range financial planning documents, such as the Asset Management Plan, Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budgets.</td>
<td>Integrate projects identified in the various planning documents into the TYCIP.</td>
<td>Ongoing</td>
<td>The TYCIP detailed report is prepared every other year. Planning for the FY2018/19 report will commence in the fall of 2017</td>
<td>Sylvie Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>TYCIP was approved by the Board.</td>
</tr>
<tr>
<td>Goal ID</td>
<td>FY 2018/19</td>
<td>Period</td>
<td>Division</td>
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<td>Work Plan</td>
<td>Department Goal</td>
<td>Time Line</td>
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</table>
| 476    | Quarterly  | Engineering, Planning and Science | A | Integrate projects identified in the long range financial planning documents, such as the Asset Management Plan, Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budgets. | Expected completion by March 2019 | Integrate projects identified in the various planning documents into the TYCIP. | Sylvie Lee | January 2018 | 2018       | On Schedule | TYCIP is currently under development and should be completed by April 2018.  
| 477    | Quarterly  | Engineering, Planning and Science | A | Complete rate study for wastewater EDU allocation. | June 2018 | Redefine the sewage factors currently used to determine the equivalent dwelling unit (EDU) as defined in Exhibit J of the Regional Contract. | Sylvie Lee | August 2018 | 2018       | Behind Schedule | The project continues to be on-hold as discussions continue with the technical committee.  
| 478    | Annual     | Engineering, Planning and Science | B | Ensure staff upholds their role in achieving the Agency’s Mission, Vision, and Values. | Ongoing | Ensure all activities align and are consistent with the Agency’s Objectives. | Sylvie Lee | August 2018 | 2018       | On Schedule | Staff is actively participating in meetings, workshops, conferences, task forces and attending seminars to track issues as they relate to the Agency’s short-and long-term goals.  
| 480    | Monthly    | Engineering, Planning and Science | B | Promote a safer work environment by administering and monitoring required safety and regulatory training and increase field presence of Safety staff. | Monthly | Conduct all monthly training required to meet Agency policies. | Sylvie Lee | August 2018 | 2018       | On Schedule | Complete monthly safety tailgate meetings and regulatory training.  
| 481    | Monthly    | Engineering, Planning and Science | B | Promote a safer work environment by administering and monitoring required safety and regulatory training and increase field presence of Safety staff. | Monthly | Conduct all monthly training required to meet Agency policies. | Sylvie Lee | January 2018 | 2018       | On Schedule | Safety meetings and regulatory training are held on a monthly basis and safety topics are completed as necessary.  
| 482    | Annual     | Engineering, Planning and Science | C | Conduct lessons learned sessions to evaluate key program implementation. | Annual | Conduct workshops and lunch and learn sessions to present findings. | Sylvie Lee | August 2018 | 2018       | On Schedule | Conduct quarterly Water Manager Meetings with member agencies and project workshops as needed to build consensus.  
| 484    | Semi-Annual | Engineering, Planning and Science | C | Leverage private/public partnership opportunities. | Ongoing | To provide the highest program value to the agency through fostering more-broad based collaborations. | Sylvie Lee | August 2018 | 2018       | On Schedule | Continue implementing various new programs through opportunities.  
| 485    | Semi-Annual | Engineering, Planning and Science | C | Leverage private/public partnership opportunities. | Ongoing | To provide the highest program value to the agency through fostering more-broad based collaborations. | Sylvie Lee | January 2018 | 2018       | On Schedule | The programs are ongoing and implemented as opportunities arise.  
| 486    | Annual     | Engineering, Planning and Science | C | Collaborate with and support local businesses and economic development in the region through regional programs. | Ongoing | Implement a capacity lease program for new and existing industrial customers within the service area. | Sylvie Lee | August 2018 | 2018       | On Schedule | The development of a capacity lease program for the regional sewer system is part of the ongoing sewer use fee study and is currently on a 6-month hold per the direction of the Technical Committee.  

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<table>
<thead>
<tr>
<th>Goal ID</th>
<th>Logging ID</th>
<th>Reporting Div</th>
<th>Bus. Goal</th>
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<th>Role</th>
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<th>Status</th>
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<tbody>
<tr>
<td>488</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>Evaluate cutting-edge, innovative projects to ensure the implementation will benefit customers, water supplies and environmental stewardship.</td>
<td>Maintain relationships with industries to be current on latest trends and technology, identify and participate in opportunities that will further technologies and efficiencies (Pilot/Research Projects).</td>
<td>Stakeholder collaborations and vendor training, Study/Participation</td>
<td>Sylvie Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff is currently working with SAWPA on several technology based projects that will support member agencies in meeting compliance with state's long-term water conservation regulations.</td>
</tr>
<tr>
<td>489</td>
<td>FY 2018/19</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>Evaluate cutting-edge, innovative projects to ensure the implementation will benefit customers, water supplies and environmental stewardship.</td>
<td>Maintain relationships with industries to be current on latest trends and technology, identify and participate in opportunities that will further technologies and efficiencies (Pilot/Research Projects).</td>
<td>Stakeholder collaborations and vendor training, Study/Participation</td>
<td>Sylvie Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff recently completed residential landscape guidebook in collaboration with EMWD, Corona, Rancho California WD, and Elsinore Valley MWG in support of IEUA’s landscape programming and member agencies. Ongoing participation in the California Data Collaborative to develop dashboards and research projects to support local agencies and statewide efficiency goals.</td>
</tr>
<tr>
<td>490</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Engineering, Planning and Science</td>
<td>Implement programs across all sectors, residential, commercial and agricultural, to make outdoor water use efficient, helping to maintain groundwater levels, eliminate waste and promote efficient use of water to meet and exceed state regulatory requirements.</td>
<td>Ensure that activities are consistent with defined strategic planning documents, such as IRP, WUE business plan, implementation of OSMP, SARCCUP. Provide toolbox that will support the implementation of the State’s long-term WUE Regulations</td>
<td>Annual water use monitoring</td>
<td>Sylvie Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff is launching a pilot landscape AG Program in addition to enhancing residential and CII Rebates for turf removal to encourage increased water use efficiency.</td>
</tr>
<tr>
<td>492</td>
<td>FY 2017/18</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>Develop resilient water supplies for the region to mitigate climate change and catastrophic infrastructure failures.</td>
<td>Update long term water resource documents and continue development in local supplies</td>
<td>Complete IRP Phase 2 by December 2018 MWD-LRP application by December 2018</td>
<td>Sylvie Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Modeling work for IRP Phase 2 is currently underway. Evaluation of the LRP funding is occurring in conjunction with the Prop 1 program development.</td>
</tr>
<tr>
<td>493</td>
<td>FY 2018/19</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>Develop resilient water supplies for the region to mitigate climate change and catastrophic infrastructure failures.</td>
<td>Update long term water resource documents and continue development in local supplies</td>
<td>Complete IRP Phase 2 by December 2018 MWD-LRP application by December 2018</td>
<td>Sylvie Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Modeling work for IRP phase 2 will commence in February 2018. LRP program is on hold pending further discussions with member agencies.</td>
</tr>
<tr>
<td>494</td>
<td>FY 2017/18</td>
<td>Annual</td>
<td>Engineering, Planning and Science</td>
<td>Develop regional collaboration for groundwater storage programs.</td>
<td>Support implementation of CBMP elements, development of a Chino Basin Water Bank, SARCCUP, and Storage Management Plan.</td>
<td>These programs are on-going and under development. Continue to develop and support water resources programs that align with the Agency's mission</td>
<td>Sylvie Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>We continue to work with regional stakeholders to develop water resource programs such as the Prop 1 CRWEP, SARCCUP, and water bank.</td>
</tr>
<tr>
<td>496</td>
<td>FY 2017/18</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>Develop plans for regional low-impact development.</td>
<td>Collaborate with local agencies to identify and implement Low-Impact Development (LID) methods and practices</td>
<td>Adoption of local Ordinances and Resolutions incorporating LID methods.</td>
<td>Sylvie Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff is in the process of collaborations in conjunctions with the San Bernardino County Regional Stormwater Management Plan. The draft should be prepared by the end of the year.</td>
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### Planning and Environmental Compliance (cont.)

<table>
<thead>
<tr>
<th>Goal ID</th>
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<tr>
<td>497</td>
<td>FY 2018/19</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>D</td>
<td>Identify opportunities to augment the regional recycled water system.</td>
<td>Complete by June 2019</td>
<td>Develop Plan</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Prop 1 application has been submitted for advanced water treatment facilities. Discussions are underway with Upper Santa Ana River dischargers to purchase supplemental water to increase IEUA recycled water in the service area working with Pomona and JCSO to potentially bring on external supplies to augment RW.</td>
<td></td>
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<tr>
<td>498</td>
<td>FY 2018/19</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>D</td>
<td>Meet basin plan requirements and objectives in support of the recycled water program.</td>
<td>Complete by June 2019</td>
<td>Monitor progress through meetings regarding Basin Plan Amendment</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Initiated the basin plan amendment modeling for longer term averaging of Total Dissolved Solids (TDS). Coordinating with the regional board to account for drought-related TDS challenges.</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>FY 2018/19</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Continue the process of collaborative negotiations in support of reaching mutually agreeable terms for the new Regional Contract.</td>
<td>Complete by June 2019</td>
<td>Produce a term-sheet</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>The negotiations with the contracting agencies are currently ongoing with the assistance of a facilitator. Contracting agency committees and IEUA to discuss path forward on the contract negotiation in upcoming meetings/ workshops.</td>
<td></td>
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<tr>
<td>501</td>
<td>FY 2018/19</td>
<td>Quarterly</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Develop and analyze processes related to salinity management.</td>
<td>Complete by June 2019</td>
<td>Produce the NPDES Permit Amendment</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Initiated the work on the basin plan amendment modeling. Results will be coordinated with Regional Water Quality Control Board for any updates to the NPDES permits.</td>
<td></td>
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<tr>
<td>502</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Operate effective pre-treatment programs to minimize treatment plant upsets.</td>
<td>Complete by December 2018</td>
<td>Provide a revised Wastewater Ordinance</td>
<td>Sylvia Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Drafting revisions to the regional wastewater ordinance for completion by December 2018. Continue to work with member agencies to identify and permit all Significant Industrial Users (SIU).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>503</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Implement energy efficient projects and efficiencies into existing facilities and equipment.</td>
<td>Ongoing</td>
<td>Conduct Feasibility studies to evaluate available technologies and estimate cost and benefits</td>
<td>Energy Efficiency Findings reports</td>
<td>Sylvia Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Continuing to work with Southern California Edison and Southern California Regional Energy Network for implementation of energy efficient projects, such as blower optimization and pump retrofit.</td>
<td></td>
</tr>
<tr>
<td>504</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Implement energy efficient projects and efficiencies into existing facilities and equipment.</td>
<td>Ongoing</td>
<td>Conduct Feasibility studies to evaluate available technologies and estimate cost and benefits</td>
<td>Energy Efficiency Findings reports</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Continue to work with Southern California Edison and Southern California Regional Energy Network to identify and implement energy efficiency projects such as pump testing, blower optimization, heating, ventilation, and air conditioning.</td>
<td></td>
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<tr>
<td>505</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>E</td>
<td>Implement long term projects in support of long term renewable energy goals and minimize carbon footprint</td>
<td>Complete by June 2018</td>
<td>Update Energy Management Plan</td>
<td>Sylvia Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>A feasibility study is currently being conducted and the project is ongoing.</td>
<td></td>
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</tr>
<tr>
<td>506</td>
<td>FY 2017/18 Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>F</td>
<td>Develop and update logical, technically-based and defensible local limits for regional significant Industrial users.</td>
<td>Complete by June 2018</td>
<td>Develop the Local Limits Resolution</td>
<td>Sylvia Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Local limits were approved by the Regional Water Quality Board and adopted by the IEUA Board in May.</td>
<td></td>
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</table>

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Planning and Environmental Compliance (cont.)
<table>
<thead>
<tr>
<th>Goal ID</th>
<th>Reporting Frequency</th>
<th>Division</th>
<th>Bus. Work Plan</th>
<th>Department Goal</th>
<th>Time Line</th>
<th>SPI</th>
<th>Assigned To</th>
<th>Note Month</th>
<th>Note Year</th>
<th>Status</th>
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<th>Notes</th>
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<tbody>
<tr>
<td>507</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>F</td>
<td>Develop response plans to minimize impacts to affected communities related to storm water, low impact development (LID), odor surveys, drought planning, project construction etc.</td>
<td>Complete by June 2019</td>
<td>Provide completed plans and survey</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Staff is currently working in collaboration with the member agencies on completing a regional drought response plan that includes technical and communication workgroups to provide expertise for plan development.</td>
<td></td>
</tr>
<tr>
<td>508</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>F</td>
<td>Develop plans to support environmental stewardship in support of the Agency's key business areas.</td>
<td>Complete by June 2018</td>
<td>Provide completed plan</td>
<td>Sylvia Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Supporting local benefits by pursuing grant funding such as Prop 1 and SARRCUP.</td>
<td></td>
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<tr>
<td>509</td>
<td>Annual</td>
<td>Engineering, Planning and Science</td>
<td>F</td>
<td>Develop plans to support environmental stewardship in support of the Agency's key business areas.</td>
<td>Ongoing</td>
<td>Provide Annual Report</td>
<td>Sylvia Lee</td>
<td>August</td>
<td>2018</td>
<td>On Schedule</td>
<td>Develop annual reports tracking regional water production, conservation programs, recycled water, and estimated wastewater flow projects.</td>
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<tr>
<td>511</td>
<td>Semi-Annual</td>
<td>Engineering, Planning and Science</td>
<td>F</td>
<td>Participate and develop regional plans that provide a long-term habitat conservation plan.</td>
<td>Complete by June 2019</td>
<td>Provide Completed Plan</td>
<td>Sylvia Lee</td>
<td>January</td>
<td>2018</td>
<td>On Schedule</td>
<td>Work on the habitat plan is ongoing. Discussions are underway to develop joint power authority to implement plan and negotiate with wildlife agencies.</td>
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<tr>
<td>Fund</td>
<td>Fund Name</td>
<td>Date</td>
<td>O&amp;M Transfer From</td>
<td>Category</td>
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<td>O&amp;M Transfer To</td>
<td>Category</td>
<td>Amount Transfer In</td>
<td>Description</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>4/4/18</td>
<td>512170</td>
<td>O &amp; M supplies</td>
<td>$32,000</td>
<td>521010</td>
<td>Contract Labor</td>
<td>$32,000</td>
<td>Transfer due to staff doing more in-house repairs than originally projected.</td>
<td>4</td>
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<tr>
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<td>Administrative Services</td>
<td>4/4/18</td>
<td>512110</td>
<td>Supplies - General</td>
<td>$5,000</td>
<td>521050</td>
<td>Contract Materials</td>
<td>$5,000</td>
<td>Transfer due to staff doing more in-house repairs than originally projected.</td>
<td>4</td>
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<td>10200</td>
<td>Administrative Services</td>
<td>4/4/18</td>
<td>512170</td>
<td>O &amp; M supplies</td>
<td>$18,000</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>4/4/18</td>
<td>512710</td>
<td>Equip. Maint. Supp</td>
<td>$10,000</td>
<td>521050</td>
<td>Contract Materials</td>
<td>$10,000</td>
<td>Transfer due to staff doing more in-house repairs than originally projected.</td>
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<td>Administrative Services</td>
<td>4/4/18</td>
<td>512610</td>
<td>Equip. - Office</td>
<td>$500</td>
<td>512010</td>
<td>Office Supplies</td>
<td>$500</td>
<td>Transfer needed for the purchase of supplies, supporting the Agency's Disaster Incident Action Plan.</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>4/10/18</td>
<td>521080</td>
<td>Other Contract Svcs</td>
<td>$24,500</td>
<td>521080</td>
<td>Other Contract Svcs</td>
<td>$24,500</td>
<td>Transfer to cover GM's on-boarding process for her transition into IEUA, which was not budgeted for in the FY 17/18 budget.</td>
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<td></td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>4/24/18</td>
<td>511120</td>
<td>Training - Dept</td>
<td>$18,723</td>
<td>511120</td>
<td>Training - Dept</td>
<td>$18,723</td>
<td>Transfer needed to cover Operations Division training costs that were mistakenly budgeted under RP-1 and RP-4 Operations instead of at the Admin level.</td>
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<td>4/24/18</td>
<td>511120</td>
<td>Training - Dept</td>
<td>$7,500</td>
<td>511120</td>
<td>Training - Dept</td>
<td>$7,500</td>
<td>Transfer needed to cover Operations Division training costs that were mistakenly budgeted under RP-1 and RP-4 Operations instead of at the Admin level.</td>
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<tr>
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<td>4/26/18</td>
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<td>Other Contract Svcs</td>
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<td>520213</td>
<td>Legal - Labor Relations</td>
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<td>Transfer to cover cost of Engagement Agreement with Littler Employment &amp; Labor Law Solutions to support the Agency with employment law and labor relations related to the MOU negotiations.</td>
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<tr>
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<td>5/2/16</td>
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<td>Other Contract Svcs</td>
<td>$20,000</td>
<td>521080</td>
<td>Other Contract Svcs</td>
<td>$20,000</td>
<td>To cover anticipated cost of accounts payable temporary services required through FY end closing.</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>5/3/16</td>
<td>512170</td>
<td>O&amp;M Supplies</td>
<td>$2,000</td>
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<td>Office Supplies</td>
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<td>Transfer is needed to offset costs.</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>5/3/16</td>
<td>512450</td>
<td>Fleet Parts &amp; Svcs</td>
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<td>521080</td>
<td>Other Contract Svcs</td>
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<td>Transfer is needed to offset costs.</td>
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<td>5/24/18</td>
<td>505010</td>
<td>Pay - Temp Services</td>
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<td>520980</td>
<td>Prof Svcs - Other</td>
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<td>Transfer to cover the cost of services provided by Martin Pinon of MuniTemps</td>
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<tr>
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<td>Other Contract Svcs</td>
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<td>Transfer to cover the cost of services provided by Martin Pinon of MuniTemps</td>
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<td>512010</td>
<td>Office Supplies</td>
<td>$10,000</td>
<td>Transfer to underfunded accounts to cover toner and computer equipment</td>
<td>4</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>5/29/18</td>
<td>521410</td>
<td>Comp Sys Maint</td>
<td>$10,000</td>
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<td>Equipment - Comp</td>
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<td>Transfer to underfunded accounts to cover toner and computer equipment</td>
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<td>10200</td>
<td>Administrative Services</td>
<td>6/11/18</td>
<td>519010</td>
<td>GM Contingency</td>
<td>$30,000</td>
<td>520210</td>
<td>Legal - General</td>
<td>$30,000</td>
<td>Transfer due to unforeseen general legal and litigation expenses.</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>6/11/18</td>
<td>519010</td>
<td>GM Contingency</td>
<td>$30,000</td>
<td>520210</td>
<td>Legal - General</td>
<td>$30,000</td>
<td>Transfer due to unforeseen general legal and litigation expenses.</td>
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<td>Administrative Services</td>
<td>6/11/18</td>
<td>521010</td>
<td>Contract Labor</td>
<td>$50,000</td>
<td>520210</td>
<td>Legal - General</td>
<td>$50,000</td>
<td>Transfer due to unforeseen general legal and litigation expenses.</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>6/11/18</td>
<td>519010</td>
<td>GM Contingency</td>
<td>$5,000</td>
<td>520230</td>
<td>Legal - Litigation</td>
<td>$5,000</td>
<td>Transfer due to unforeseen general legal and litigation expenses.</td>
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<td>Administrative Services</td>
<td>6/11/18</td>
<td>520980</td>
<td>Prof Svcs - Other</td>
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<td>520230</td>
<td>Legal - Litigation</td>
<td>$25,000</td>
<td>Transfer due to unforeseen general legal and litigation expenses.</td>
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<tr>
<td>10200</td>
<td>Administrative Services</td>
<td>6/11/18</td>
<td>519010</td>
<td>GM Contingency</td>
<td>$10,000</td>
<td>521080</td>
<td>Other Contract Services</td>
<td>$10,000</td>
<td>Transfer due to unforeseen general legal expenses.</td>
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<td>10200</td>
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<td>6/18/16</td>
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<td>Prof Svcs - Pub Inf.</td>
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<td>512950</td>
<td>Promotional Items</td>
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<td>Transfer to cover promotional items reclassification.</td>
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<td>10200</td>
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<td>6/27/16</td>
<td>520930</td>
<td>Prof Svcs - Pub Inf.</td>
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<td>SubPublications</td>
<td>$2,300</td>
<td>Transfer to cover a new contract with Archive Social.</td>
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<tr>
<td>10500</td>
<td>Non-Reclaimable Wastewater</td>
<td>5/23/16</td>
<td>512170</td>
<td>O&amp;M Supplies</td>
<td>$17,000</td>
<td>545110</td>
<td>Electricity</td>
<td>$17,000</td>
<td>Transfer due to higher than anticipated usage.</td>
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<tr>
<td>10600</td>
<td>Recycled Water</td>
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<td>Contract Labor</td>
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<td>512160</td>
<td>Lab Supplies</td>
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<td>Transfer for lab supplies needed for GWR Lab testing</td>
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<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>4/18/16</td>
<td>512730</td>
<td>Equipment Rental</td>
<td>$6,500</td>
<td>521010</td>
<td>Contract Labor</td>
<td>$6,500</td>
<td>Request to transfer funds.</td>
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## Inland Empire Utilities Agency
Inter-Departmental / Division Transfers FY 2017/18
Budget Transfer

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<tr>
<th>Fund</th>
<th>Fund Name</th>
<th>Date</th>
<th>O&amp;M Transfer From</th>
<th>Category</th>
<th>Amt Transfer Out</th>
<th>O&amp;M Transfer To</th>
<th>Category</th>
<th>Amount Transfer In</th>
<th>Description</th>
<th>QTR</th>
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<tbody>
<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>4/26/18</td>
<td>530016</td>
<td>Sodium Hypochlorite</td>
<td>$41,700</td>
<td>530016</td>
<td>Sodium Hypochlorite</td>
<td>$41,700</td>
<td>Transfer to cover the chemicals at RP-4 through the remainder of the fiscal year.</td>
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<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>4/26/18</td>
<td>530016</td>
<td>Sodium Hypochlorite</td>
<td>$8,300</td>
<td>530024</td>
<td>Ferric Chloride</td>
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<td>Transfer to cover the chemicals at RP-4 through the remainder of the fiscal year.</td>
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<td>Regional Wastewater Operations &amp; Maintenance</td>
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<td>512170</td>
<td>O&amp;M Supplies</td>
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<td>545320</td>
<td>Telephone</td>
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<td>Transfer due to account being underfunded for telephone services at the plants.</td>
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<td>Regional Wastewater Operations &amp; Maintenance</td>
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<td>Electricity</td>
<td>$191,000</td>
<td>545110</td>
<td>Electricity</td>
<td>$191,000</td>
<td>Transfer due to increased pumping demand which resulted in an increased kW load on CCWRF Operations.</td>
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</tr>
<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>6/19/18</td>
<td>545110</td>
<td>Electricity</td>
<td>$150,000</td>
<td>545110</td>
<td>Electricity</td>
<td>$150,000</td>
<td>Transfer due to increased pumping demand which resulted in an increased kW load on RP-2 Operations.</td>
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</tr>
<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>6/19/18</td>
<td>545110</td>
<td>Electricity</td>
<td>$17,000</td>
<td>545110</td>
<td>Electricity</td>
<td>$17,000</td>
<td>Increased solids treatment has resulted in an increased kW load on RP-2 Operations.</td>
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</table>

<table>
<thead>
<tr>
<th>Fund</th>
<th>Fund Name</th>
<th>Date</th>
<th>Project</th>
<th>Project Description</th>
<th>Amt Transfer Out</th>
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<th>Project Description</th>
<th>Amt Transfer In</th>
<th>Justification</th>
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<tbody>
<tr>
<td>10300</td>
<td>Recharge Water</td>
<td>5/24/18</td>
<td>EN18007</td>
<td>RMPU Construction</td>
<td>$210,000</td>
<td>RW15003</td>
<td>Recharge Master Plan Update</td>
<td>$210,000</td>
<td>Transfer requested due to design activities increasing sooner to address necessary regulatory and permitting requirements before design completion</td>
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<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>4/10/18</td>
<td>521080</td>
<td>Other Contract Svcs</td>
<td>$75,000</td>
<td>PA17006</td>
<td>Agency-Wide Aeration</td>
<td>$75,000</td>
<td>Transfer funds that were requested by Technical Services to this Engineering project due to organizational changes</td>
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<tr>
<td>10800</td>
<td>Regional Wastewater Operations &amp; Maintenance</td>
<td>5/17/18</td>
<td>EN17040</td>
<td>RP-1 Aeration Panel</td>
<td>$900,000</td>
<td>PA17006</td>
<td>Agency-Wide Aeration</td>
<td>$900,000</td>
<td>Transfer to cover full payment of equipment and material that has been delivered to the project site.</td>
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</table>

<table>
<thead>
<tr>
<th>Fund</th>
<th>Fund Name</th>
<th>Date</th>
<th>Project</th>
<th>Project Description</th>
<th>Amt Transfer Out</th>
<th>Project</th>
<th>Project Description</th>
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### Total O&M Transfers

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<th>Amount</th>
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<tr>
<td>Total O&amp;M Transfers In</td>
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## Inland Empire Utilities Agency

**FY 2017/18 GM Contingency Account Activity**

<table>
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<tr>
<th>Date</th>
<th>Description</th>
<th>Account/Project No.</th>
<th>Requestor</th>
<th>GM Contingency Budget</th>
<th>Transfers</th>
<th>Balance</th>
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<td>7/1/2017</td>
<td>FY 2017/18 Adopted Budget</td>
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<td>$300,000</td>
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<td>$300,000</td>
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<tr>
<td>8/15/2017</td>
<td>Transfer to cover IEUA's portion of new SAWPA director’s reception costs</td>
<td>10500-112100-160000-513010</td>
<td>P. Joseph Grindstaff</td>
<td></td>
<td>$180</td>
<td>$299,820</td>
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<tr>
<td>8/29/2017</td>
<td>Transfer to cover sales tax associated with Oracle Primavera annual</td>
<td>10900-118100-500000-521410</td>
<td>K. Pantayatiwong</td>
<td>$1,700</td>
<td></td>
<td>$298,120</td>
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<tr>
<td></td>
<td>maintenance fee</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2/27/2018</td>
<td>Transfer to cover litigation and legal settlement expense</td>
<td>10200-112100-100000-520290</td>
<td>H. Razak</td>
<td>$57,000</td>
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<td>$241,120</td>
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<td>2/27/2018</td>
<td>Transfer to cover litigation and legal settlement expense</td>
<td>10200-112100-100000-520230</td>
<td>H. Razak</td>
<td>$2,975</td>
<td></td>
<td>$238,145</td>
</tr>
<tr>
<td>6/14/2018</td>
<td>Transfer to cover unforeseen legal and litigation expenses</td>
<td>10200-112100-100000-520230</td>
<td>A. Woodruff</td>
<td>$30,000</td>
<td></td>
<td>$208,145</td>
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<tr>
<td>6/21/2018</td>
<td>Transfer to cover unforeseen legal expenses</td>
<td>10500-112100-160000-520210</td>
<td>A. Woodruff</td>
<td>$40,000</td>
<td></td>
<td>$168,145</td>
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<tr>
<td>6/21/2018</td>
<td>Transfer to cover unforeseen professional fees</td>
<td>10500-112100-160000-521080</td>
<td>A. Woodruff</td>
<td>$5,000</td>
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<td>$163,145</td>
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<tr>
<td>6/25/2018</td>
<td>Transfer to create project EN18057 NRW Manhole Cover Removal</td>
<td>10500-127302-170000-570005</td>
<td>S. Stone</td>
<td>$85,000</td>
<td></td>
<td>$78,145</td>
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**GG Fund GM Contingency**

<table>
<thead>
<tr>
<th>GM Contingency</th>
<th>Transfers</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**GM CONTINGENCY GRAND TOTAL**

<table>
<thead>
<tr>
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<th>Transfers</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$78,145</td>
</tr>
</tbody>
</table>

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Exhibit C-2
| Panel | Capital or Spec. Proc? | Transfer Date | Total Proj. Budget Change (Y/N)? | Annual Proj. Budget Change (Y/N)? | New Proj? (Y/N)? | Project Number | Project Title | Adopted Total Project Budget | Prior TP Changes in Current FY | Current Total Project Budget | Amt. of Transfer In/Out | New TP Budget | Annual Project Budget | Annual Proj. Budget Change | New Annual Project Budget | Project Transfer Date | Transfer/Justification |
|-------|------------------------|---------------|----------------------------------|-----------------------------------|-----------------|----------------|----------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|-------------------|---------------|-----------------|--------------------------|-------------------------|------------------------|------------------------|
| 10200 | Capital                | 4/23/18       | Yes                              | Yes                               | Yes             | IS18004        | BioNet Network Infrastructure Replacement | $240,000 | $0 | $240,000 | $500,000 | $900,000 | $240,000 | ($50,000) | $100,000 | IS18019 | $50,000 | $500,000 | $100,000 | IS18004 |
|       |                        |               | Intake Administration (IAD)      |                                    |                 |                |                |                |                             |                             |                             |                             |                 |               |                 |                         |                         | Transfer for project IS18019 to provide a central point for computer system log collection. |
| 10600 | Capital                | 6/7/18        | Yes                              | Yes                               | No              | EN17007        | RW System 930 to 800 Meter | $600,000 | $0 | $600,000 | $500,000 | $500,000 | $700,000 | ($500,000) | $500,000 | EN18054 | $0 | $500,000 | $500,000 | EN17007 |
|       |                        |               |                                  |                                    |                 | EN18054        | RP-1 Recycled Water Valve Replacement Phase II | $115,000 | $0 | $115,000 | $50,000 | $650,000 | $115,000 | $50,000 | $650,000 | EN17007 |
|       |                        |               |                                  |                                    |                 |                |                |                |                             |                             |                             |                             |                 |               |                 |                         |                         | Transfer to pay a change order and staff labor to close out the project. |
| 10800 | Capital                | 7/23/18       | Yes                              | Yes                               | Yes             | EN13045        | Mitsville Recycled Water Segment B | $11,865,300 | $0 | $11,865,300 | ($5,000) | $11,860,300 | $100,000 | ($50,000) | $95,000 | EN18058 | $0 | $11,860,300 | $100,000 | EN13045 |
|       |                        |               |                                  |                                    |                 | EN18054        | RP-1 1050 Zone Surge Tank Repair | $0 | $0 | $0 | $35,000 | $35,000 | $0 | $35,000 | $35,000 | EN13045 |
|       |                        |               |                                  |                                    |                 |                |                |                |                             |                             |                             |                             |                 |               |                 |                         |                         | Transfer to create new project, EN18058, to reclase the project costs that were incurred on an O&M project to a capital project. |
|       |                        |               | Subtotal Recycled Water (RC)     |                                    |                 |                |                | $12,580,300 | $12,580,300 | $120,000 | $120,000 | $120,000 | EN13045 |
| 10800 | Capital                | 4/25/18       | Yes                              | Yes                               | Yes             | EN17004        | RP-4 Primary Clarifier Rehob | $6,360,000 | $0 | $6,360,000 | ($400,000) | $6,230,000 | $700,000 | ($400,000) | $700,000 | EN19010 | $0 | $6,360,000 | $700,000 | EN17004 |
|       |                        |               |                                  |                                    |                 | EN19010        | RP-4 Influent Screen Replacement | $0 | $0 | $0 | $40,000 | $40,000 | $0 | $40,000 | $40,000 | EN19010 |
|       |                        |               |                                  |                                    |                 |                |                |                |                             |                             |                             |                             |                 |               |                 |                         |                         | Transfer from EN19043 to EN19052 to cover the research and preparation of the project charter for the Influent Screen Replacement project that was originally scheduled to begin in FY 2018/19. |
|       |                        |               | Subtotal Regional Operations (RCO) |                                    |                 |                |                | $10,790,000 | $10,790,000 | $2,114,870 | $2,114,870 | $2,114,870 | EN19010 |
|       |                        |               | Subtotal Regional Capital (RC)   |                                    |                 |                |                | $5,775,567 | $5,775,567 | $2,120,000 | $2,120,000 | $2,120,000 | EN19010 |

**Exhibit D**

Inland Empire Utilities Agency

Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2017/18

<table>
<thead>
<tr>
<th>Capital Total Project Budget</th>
<th>Capital Total Project Budget</th>
<th>Total Annual Capital Budget</th>
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</thead>
<tbody>
<tr>
<td>Adopted</td>
<td>Amended</td>
<td>Adopted</td>
</tr>
<tr>
<td>$28,875,567</td>
<td>$3,987,370</td>
<td>$28,875,567</td>
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<td>Fund</td>
<td>Capital or Spec Proj?</td>
<td>Transfer Date</td>
</tr>
<tr>
<td>-------</td>
<td>----------------------</td>
<td>---------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10500</td>
<td>O&amp;M Proj</td>
<td>7/2/18</td>
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<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>10600</td>
<td>O&amp;M Proj</td>
<td>6/28/18</td>
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<tr>
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<td></td>
<td></td>
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</tr>
<tr>
<td>18700</td>
<td>O&amp;M Proj</td>
<td>6/28/18</td>
</tr>
<tr>
<td></td>
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<tr>
<td>O&amp;M</td>
<td>Proj</td>
<td>6/28/18</td>
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<tr>
<td>O&amp;M</td>
<td>Proj</td>
<td>6/28/18</td>
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</tr>
</tbody>
</table>

**Inland Empire Utilities Agency**

**Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2017/18**

**Exhibit D**

**Subtotal Non-Reclaimed Wastewater (NWW): $625,000**

**Subtotal Recycled Water (WRC): $564,540**

**Subtotal Water Resources (NWW): $2,081,959**
### Inland Empire Utilities Agency

#### Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2017/18

<table>
<thead>
<tr>
<th>Fund</th>
<th>Project Number</th>
<th>Project Title</th>
<th>Adopted Total Project (PP)</th>
<th>Prior TP Changes in Current FY</th>
<th>Current Total Project (PP)</th>
<th>Amt. of Transfer In / (Out)</th>
<th>New TP Budget</th>
<th>Annual Project Budget</th>
<th>Annual Proj. Budget Change</th>
<th>New Annual Project Budget</th>
<th>Project Transferred (Y/N)</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEM Proj</td>
<td>6/5/18</td>
<td>PL17001 RO Planning Documents</td>
<td>$1,200,000</td>
<td>$0</td>
<td>$1,200,000</td>
<td>($10,000)</td>
<td>$1,200,000</td>
<td>$200,000</td>
<td>($50,000)</td>
<td>$90,000</td>
<td>PL17004</td>
<td>Transfer to cover the additional Phase 2A of the Wastewater Flow and Loading Study which will help update &quot;Exhibit F&quot; of the Regional Contract.</td>
</tr>
<tr>
<td>OEM Proj</td>
<td>7/2/18</td>
<td>EN19004 Building Permit</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$170,000</td>
<td>$170,000</td>
<td>$0</td>
<td>$170,000</td>
<td>$170,000</td>
<td>(O&amp;M: 523105)</td>
<td>Transfer from O&amp;M to reissue new project, EN19004, to pave curbs and pavement that has worn out at RP-1 and is causing a safety issue.</td>
</tr>
</tbody>
</table>

**Subtotal Regional Operations (RO):**

- **O&M Total Project Budget:** $1,470,000
- **O&M Total Project Budget:** $387,000

**Total Annual O&M Project Budget:** $4,213,959

**Amended:** $4,213,959

**Total Capital and O&M Project Transfers:** $1,906,975

- **Total Project Budget Change - Capital:** -$20,000
- **Total Project Budget Change - O&M Proj:** $250,000
- **Total Project Budget - Net Change:** $230,000
Financial Overview of Agency’s Programs  
FY 2017/18 quarter ended June 30, 2018  
Total Revenues, Expenses, and Fund Balance

Regional Wastewater Capital Improvement Fund

Actual revenues through the end of the fourth quarter were $65.3 million compared to the $52.0 million amended budget. Actual expenses were $36.7 million compared to the $51.1 million amended budget. The positive variance was mainly due to connection fee and property tax receipts and delays in project execution as a result of extended request for proposal periods, project peer reviews, and contractor schedule delays. The fund balance reflected an aggregate change of $27.6 million. A total of $0.9 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.

Regional Wastewater Operations and Maintenance Fund

Actual revenues through the end of the fourth quarter were $91.2 million compared to the $86.6 million amended budget. The favorable revenue variance can be attributed to grant receipts and Water Quality Laboratory project loan reimbursements. Actual expenses were $83.6 million compared to the $99.3 million amended budget. The favorable expense variance was due to lower administrative and operating expense as well as capital replacement and rehabilitation project costs. The fund balance reflected an aggregate change of $20.3 million. A total of $3.5 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.
**Recycled Water Fund**

Actual revenues through the end of the fourth quarter were $33.1 million compared to the $26.9 million amended budget. Actual expenses were $23.6 million compared to the $33.4 million amended budget. The favorable expense variance was primarily due to water connection, grant, and project State Revolving Fund loan receipts. Capital project execution delays were due to changes of project scope, contractor prequalification requirements and State Revolving Fund loan approval delays. The fund balance reflected an aggregate change of $16.0 million. A total of $2.5 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.

**Recharge Water Fund**

Actual revenues through the end of the fourth quarter were $3.2 million compared to the $4.8 million amended budget. The lower revenue was mainly due to the delay in anticipated State Revolving Fund loan receipts. Actual expenses were $3.3 million compared to the $5.1 million amended budget. The favorable variance was mainly due to lower administrative expense and delayed capital project execution. The fund balance reflected a $0.2 million aggregate change as compared to the amended budget. A total of $0.08 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.
Non-Reclaimable Wastewater Fund

Actual revenues through the end of the fourth quarter were $12.7 million compared to the $12.3 million amended budget. Actual expenses were $11.2 million compared to $12.4 million amended budget. The decrease in expenses was mainly due to low materials and supplies needs and delays in capital project execution. The fund balance reflected an aggregate change of $1.5 million to $10.0 million. A total of $0.05 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.

Administrative Services Fund

Actual revenues through the end of the fourth quarter were $3.1 million compared to the $7.5 million amended budget. The lower revenue was mainly due to the timing of inter-fund transfer receipts, which will be processed once all fiscal year actuals have been finalized. Actual expenses were $8.4 million compared to the $9.5 million amended budget. The lower expense was mainly due to delays in capital project execution. The fund balance reflected an aggregate change of $3.2 million to $8.6 million. A total of $2.2 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.
*Water Resources Fund*

Actual revenues through the end of the fourth quarter were $55.3 million compared to the $44.8 million amended budget. Actual expenses were $53.2 million compared to the $49.4 million amended budget. The variances in the revenues and expenses were due to higher than anticipated MWD water purchases and related sales. The fund balance reflected an aggregate change of $6.7 million to $10.1 million. A total of $7.0 million of FY 2017/18 amended budget was identified to be carried forward to FY 2018/19.
FY 2017/18 Budget Variance Report
Fiscal Year Ended June 30, 2018
## FY 2017/18 Budget Variance Summary for Regional Wastewater and Recycled Water Programs

($ Millions)

<table>
<thead>
<tr>
<th></th>
<th>Annual Budget</th>
<th>Actual YTD*</th>
<th>% Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Sources of Funds</td>
<td>$160.2</td>
<td>$190.8</td>
<td>119.1%</td>
</tr>
<tr>
<td>Total Uses of Funds</td>
<td>172.6</td>
<td>143.9</td>
<td>83.4%</td>
</tr>
<tr>
<td>Net Increase/(Decrease)</td>
<td>($12.4)</td>
<td>$46.9</td>
<td></td>
</tr>
<tr>
<td>Beginning Fund Balance</td>
<td>150.6</td>
<td>150.6</td>
<td></td>
</tr>
<tr>
<td>Ending Fund Balance</td>
<td>$138.2</td>
<td>$197.5</td>
<td></td>
</tr>
</tbody>
</table>

*YTD – Year to Date

### Highlights

- Total Sources of Funds exceeded YTD budget by 19.1%
- Total Uses of Funds were 16.6% below YTD budget
### FY 2017/18 Sources of Funds for Regional Wastewater and Recycled Water Funds

($ Millions)

<table>
<thead>
<tr>
<th>Sources of Funds</th>
<th>Annual Budget</th>
<th>Actual YTD*</th>
<th>% Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Charges</td>
<td>$60.6</td>
<td>$62.2</td>
<td>102.5%</td>
</tr>
<tr>
<td>Recycled Water Sales</td>
<td>17.2</td>
<td>16.9</td>
<td>97.9%</td>
</tr>
<tr>
<td>Property Tax</td>
<td>41.7</td>
<td>43.2</td>
<td>103.6%</td>
</tr>
<tr>
<td><strong>Connection Fees</strong></td>
<td>23.1</td>
<td>40.7</td>
<td>176.2%</td>
</tr>
<tr>
<td>Grants and Loans</td>
<td>11.7</td>
<td>20.5</td>
<td>175.5%</td>
</tr>
<tr>
<td>Other Revenues**</td>
<td>5.9</td>
<td>7.3</td>
<td>125.7%</td>
</tr>
<tr>
<td><strong>Total Sources of Funds</strong></td>
<td><strong>$160.2</strong></td>
<td><strong>$190.8</strong></td>
<td><strong>119.1%</strong></td>
</tr>
</tbody>
</table>

*Connection fees includes update from final BAR report for FY 2017/18

**Other Revenues includes contract cost reimbursements, lease, and interest revenue

#### Highlights
- **User Charges** exceeded budget by 2.5% due to a higher number of billable EDUs
- Higher than projected new connections reported YTD: 5,223 Equivalent Dwelling Units, 5,445 Meter Equivalent Units
- Grants and loans include $5.8 million grant receipts and $14.7 million in State Revolving Fund (SRF) Loan proceeds
<table>
<thead>
<tr>
<th>Uses of Funds</th>
<th>Annual Budget</th>
<th>Actual YTD</th>
<th>% Budget Used YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment (net of allocation to projects)</td>
<td>$38.5</td>
<td>$36.9</td>
<td>95.8%</td>
</tr>
<tr>
<td>Operating Expense*</td>
<td>$25.8</td>
<td>$19.7</td>
<td>76.4%</td>
</tr>
<tr>
<td>Utilities</td>
<td>$9.6</td>
<td>$8.1</td>
<td>84.4%</td>
</tr>
<tr>
<td>Project Expense**</td>
<td>$78.5</td>
<td>$60.4</td>
<td>77.0%</td>
</tr>
<tr>
<td>Financial Expense</td>
<td>$20.2</td>
<td>$18.8</td>
<td>93.3%</td>
</tr>
<tr>
<td><strong>Total Uses of Funds</strong></td>
<td><strong>$172.6</strong></td>
<td><strong>$143.9</strong></td>
<td><strong>83.4%</strong></td>
</tr>
</tbody>
</table>

*Operating expense includes insurance, office & administrative, professional fees, operating fees, chemicals, biosolids recycling, and materials & supplies

**Includes capital and non-capital (O&M) project costs

- Operating expenses were 23% below budget due to timing and deferral of professional fees and services, reduction in chemical consumption, and lower travel and training expense
- Utilities were 16.0% below YTD budget due to lower than budgeted utility rates and lower natural gas usage
- Total project expenditures were 23.0% below budget largely due to changes in project timelines and approval of SRF loan and grant funding of capital recycled water projects. Project expenditures related to the Regional Wastewater program were 82.7%.
## Wastewater Operations Fund
Cost of Service per EDU

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Cost</td>
<td>$15.89</td>
<td>$17.14</td>
<td>$18.39</td>
<td>$19.59</td>
<td>$20.00</td>
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</table>

### Adopted multiyear rates $/EDU

- **Inland Empire Utilities Agency**
- **A Municipal Water District**

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### Notes:

- **COS Adopted 15/16 Rates - R&R Projects**
- **COS Adopted 15/16 Rates - O&M**
- **Adopted EDU Volumetric Rate**
## Wastewater Operations Fund
Cost of Service per EDU Compared to Adopted Rate

### Adopted multiyear rates $/EDU

<table>
<thead>
<tr>
<th>Year</th>
<th>Adopted Rate</th>
<th>Actual Rate - R&amp;R Projects</th>
<th>Actual Rate - O&amp;M</th>
</tr>
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<tbody>
<tr>
<td>2015/16</td>
<td>$15.89</td>
<td>$2.01</td>
<td>$16.08</td>
</tr>
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<td>2016/17</td>
<td>$17.14</td>
<td>$2.43</td>
<td>$16.45</td>
</tr>
<tr>
<td>2017/18</td>
<td>$18.39</td>
<td>$3.81</td>
<td>$17.10</td>
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<tr>
<td>2018/19</td>
<td>$19.59</td>
<td>$2.00</td>
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<td>2019/20</td>
<td>$20.00</td>
<td>$1.84</td>
<td>$17.88</td>
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*Inland Empire Utilities Agency*
*A Municipal Water District*
## Recycled Water Fund
### Cost of Service Projections per AF

### Adopted Multi-Year Rates $/Acre Feet (AF)

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate</th>
<th>Year</th>
<th>Rate</th>
<th>Year</th>
<th>Rate</th>
<th>Year</th>
<th>Rate</th>
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</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>AF Rate</th>
<th>Year</th>
<th>AF Rate</th>
<th>Year</th>
<th>AF Rate</th>
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<th>AF Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015/16</td>
<td>35,150 AF</td>
<td>2016/17</td>
<td>37,100 AF</td>
<td>2017/18</td>
<td>37,300 AF</td>
<td>2018/19</td>
<td>42,950 AF</td>
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</tbody>
</table>

- **COS Adopted 15/16 Rates**
- **Adopted Recycled Water Rate**
Recycled Water Fund
Cost of Service per AF Compared to Adopted Rate

Adopted Multi-Year Rates $/Acre Foot (AF)

<table>
<thead>
<tr>
<th>Year</th>
<th>COS Adopted 15/16 Rates</th>
<th>COS Actual</th>
<th>Adopted Recycled Water Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015/16</td>
<td>$350</td>
<td>$513</td>
<td>$513</td>
</tr>
<tr>
<td>2016/17</td>
<td>$410</td>
<td>$505</td>
<td>$505</td>
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<tr>
<td>2017/18</td>
<td>$470</td>
<td>$487</td>
<td>$487</td>
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<tr>
<td>2018/19</td>
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</tr>
<tr>
<td>2019/20</td>
<td>$490</td>
<td>$496</td>
<td>$496</td>
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Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT
The Budget Variance Analysis report is consistent with the Agency’s business goal of fiscal responsibility.
Engineering and Construction Management Project Updates

Jerry Burke, P.E.
October 2018
EN22002 – NRW East End Flowmeter Replacement
Project Goal: Provide a more accurate flow meter to meet current Los Angeles County Sanitation District standards

Total Project Budget: $2 M
Project Completion: October 2019
Percent Complete: 64%

<table>
<thead>
<tr>
<th>Phase</th>
<th>Consultant/Contractor</th>
<th>Current Contract</th>
<th>Amendments/Change Orders</th>
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<tr>
<td>Design</td>
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EN19027 – NRW Pipeline Relining Along Cucamonga Creek
Project Goal: Reline portion of existing NRW pipe to extend asset's useful life

Total Project Budget: $2.3 M
Project Completion: June 2020
Percent Complete: 0%

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EN19029 – RP-4 Outfall Pipeline Air Release Valve Replacement/ Relocation
Project Goal: Provide sufficient air and vacuum relief on the RP-4 Outfall Pipeline

Total Project Budget: $665 K
Project Completion: June 2019
Percent Complete: 33%

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EN19025/EN23002 – Force Main Improvements
Project Goal: Replace aging pipelines and install access points for proper maintenance

EN19025/EN23002
Total Project Budget: $6.2 M
Project Completion: February 2021
Percent Complete: 14%

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EN19010 – RP-4 Influent Screen Replacement
Project Goal: Replace fine screens with a reliable/efficient screening system
Design-Build

Total Project Budget: $3 M
Project Completion: January 2020
Percent Complete: 0%

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