

NOTICE OF MEETING

**OF THE
REGULAR REGIONAL SEWERAGE PROGRAM
TECHNICAL COMMITTEE
AND
(OPTIONAL) CCWRF FACILITY TOUR
FOLLOWING THE MEETING
14950 TELEPHONE AVENUE, CHINO, CA 91710**

OF THE



**WILL BE HELD ON
THURSDAY, JULY 26, 2018
2:00 P.M.**

**AT THE OFFICE OF THE AGENCY
HASBROUCK CONFERENCE ROOM, BUILDING B
6075 KIMBALL AVENUE
CHINO, CA 91710**



Regional Sewerage Program Technical Committee Meeting

AGENDA

Thursday, July 26, 2018

2:00 p.m.

**(Optional Tour of CCWRF Following the Meeting
14950 Telephone Avenue, Chino)**

Location

Inland Empire Utilities Agency
Hasbrouck Conference Room – Building B
6075 Kimball Avenue
Chino, CA 91708

Call to Order and Roll Call

Additions/Changes to the Agenda

1. Action Items

- A. Meeting Minutes for May 31, 2018
- B. RP-1 Electrical Upgrades Construction Contract Award

2. Informational Items

- A. Regional Contract Update
- B. Operations Update

3. Receive and File

- A. Draft Regional Policy Committee Agenda
- B. Building Activity Report
- C. Recycled Water Distribution - Operations Summary
- D. Pretreatment Committee Meeting Minutes
- E. Legislative Update
- F. Kearns & West Regional Contract Facilitation Contract Amendment

4. Previous Technical Committee Items Requested

None

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Regular Meeting – August 30, 2018

(Continued)

6. Adjournment with Optional Tour of CCWRF

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, July 19, 2018.



Laura Mantilla

**ACTION
ITEM**

1A



Regional Sewerage Program Technical Committee Meeting MINUTES OF MAY 31, 2018

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held on Thursday, May 31, 2018, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, Chino, California. Committee Chairman Chuck Hays called the meeting to order at 2:03 p.m.

ATTENDANCE

Committee Members:

Dave Crosley	City of Chino
Ron Craig	City of Chino Hills
John Bosler	Cucamonga Valley Water District
Chuck Hays	City of Fontana
Noel Castillo	City of Montclair
Katie Gienger (Alternate)	City of Ontario
Harrison Nguyen (Alternate)	City of Upland
Halla Razak	Inland Empire Utilities Agency

OTHERS PRESENT

Amanda Coker	City of Chino
Mark Wiley	City of Chino Hills
Nicole deMoet	City of Montclair
Chris Berch	Inland Empire Utilities Agency
Kathy Besser	Inland Empire Utilities Agency
Randy Lee	Inland Empire Utilities Agency
Jerry Burke	Inland Empire Utilities Agency
Jason Gu	Inland Empire Utilities Agency
Javier Chagoyen-Lazaro	Inland Empire Utilities Agency
Laura Mantilla	Inland Empire Utilities Agency
Craig Proctor	Inland Empire Utilities Agency
John Scherck	Inland Empire Utilities Agency

ADDITIONS/CHANGES TO THE AGENDA

There were none.

1. ACTION ITEMS**A. APPROVAL OF THE MINUTES OF APRIL 11, 2018 AND APRIL 26, 2018 MEETING MINUTES**

Motion: By John Bosler/Cucamonga Valley Water District and seconded by Halla Razak/IEUA to approve the minutes of April 11, 2018 and April 26, 2018 Meeting Minutes.

Motion carried: Unanimously.

B. RP-1 PRIMARY EFFLUENT CONVEYANCE IMPROVEMENTS CONSTRUCTION CONTRACT AWARD

Chris Berch/IEUA introduced John Scherck, Senior Project Manager on this project. Mr. Berch stated that there will not be a Technical meeting in June, therefore, this item was moved to May. Mr. Berch informed the Committee that bids will not be received for another week, therefore IEUA is asking for a not-to-exceed amount of \$5 million. John Scherck stated that the project is located at Regional Plant No. 1. Mr. Scherck indicated that IEUA retained a consultant to perform condition assessments of the primary effluent conveyance system. In the assessment it was noted that there were distresses on diversion structure, corroded concrete surfaces and exposed aggregate reinforcing steel. The scope includes replacing the diversion structure, upsize existing piping to relieve bottlenecks within the facility and rehabilitate and apply coating at the effluent channel within the existing wet well.

The construction contract estimate is \$5 million. The engineers estimate is \$4.5 million. IEUA anticipates receiving bids on June 7. The construction completion date is April 2019. Staff is requesting that the Regional Committees recommend to the IEUA Board of Directors to award the construction contract for the RP-1 Primary Effluent Conveyance Improvement for a not-to-exceed amount of \$5 million.

Motion: By John Bosler/Cucamonga Valley Water District and seconded by Halla Razak/IEUA to recommend to the IEUA Board of Directors to award the construction contract for the Regional Water Recycling Plant No. 1 Primary Effluent Conveyance Improvements for the not-to-exceed amount of \$5 million.

Motion carried: Unanimously.

C. FY 2018/19 REGIONAL PROGRAMS BUDGET AMENDMENT

Javier Chagoyen/IEUA stated that in 2017 the Board approved the Agency's second Biennial Budget. The Agency reviewed the budget of the second year for Uses of Funds and Sources of Funds for the Regional Programs. There have been no changes to the proposed amendments since they were presented last month. Mr. Chagoyen noted there are no changes to the adopted rates and fees for the Regional Programs. Mr. Chagoyen indicated the increase to Uses of Funds of \$4.9 million; was mainly driven by the acceleration of an interfund loan from the Recycled Water Program to Non-Reclaimable Wastewater fund. For Sources of Funds, the increase of \$26.1 million is due to higher projection of State Revolving Fund Loans, grants and connection fees. Mr. Chagoyen then requested that the Regional Committees recommend IEUA Board of Directors to adopt the Fiscal Year 2018/19 budget amendments for the Regional Programs.

Motion: By Halla Razak/IEUA and seconded by John Bosler/CVWD to recommend to the IEUA Board of Directors adopt the FY 2018/19 budget amendments for the Regional Programs.

Motion carried: Unanimously.

D. REGIONAL CONTRACT FACILITATION CONTRACT AMENDMENT

Craig Proctor/IEUA stated that Kearns & West, Inc. (K&W) submitted a proposal for the Regional Contract Facilitation – Phase 2B. The proposal includes meeting twice a month and is based on hours and assumptions. Discussions ensued on the proposal cost and the Committee was fine with the proposal if there are some check-ins on the milestones and budget consumption. The Committee also requested that there be offramps and milestones tied into an activity schedule. Ms. Gienger would like to see the schedule and process beyond the first year. Mr. Berch will ask K&W for the activity plan.

Motion: By John Bosler/CVWD and seconded by Katie Gienger/City of Ontario to approve the Regional Contract Facilitation Contract Amendment for a not-to-exceed amount of \$386,657.

Motion carried: Unanimously.

2. INFORMATIONAL ITEMS

A. REGIONAL CONTRACT UPDATE (ORAL)

Update was discussed under item 1D.

B. GRANTS SEMI-ANNUAL UPDATE

Jason Gu/IEUA gave an update on state and federal grants and State Revolving Federal (SRF) loan funding received by the Agency from 2000 to present. Mr. Gu reported that the Agency has received \$473.3 million in State grants, Federal grants and SRF Loans for the following six major programs: Recycled Water, Wastewater, Groundwater, Drinking Water, Water Conservation, and Renewable Energy. The total applications that are currently submitted to State and Federal agencies totaled \$1.07 billion. Mr. Gu gave a comparison of SRF loans versus bonds. He stated that financing \$165.8 million (IEUA's current loan principal) using SRF loans resulted in interest savings of \$64 million. Mr. Gu then reviewed the completed funding agreements, current funding activities and funding awards secured for the six major programs.

3. RECEIVE AND FILE

A. DRAFT REGIONAL POLICY COMMITTEE AGENDA

The draft Regional Policy Committee Agenda was received and filed by the Committee.

B. BUILDING ACTIVITY REPORT

The Building Activity Report was received and filed by the Committee.

C. RECYCLED WATER DISTRIBUTION - OPERATIONS SUMMARY

The Recycled Water Distribution Operations Summary was received and filed by the Committee.

D. LEGISLATIVE UPDATE

The Legislative Update was received and filed by the Committee

4. PREVIOUS TECHNICAL COMMITTEE ITEMS REQUESTED

None

5. OTHER BUSINESS**A. IEUA GENERAL MANAGER'S UPDATE**

Ms. Razak stated that IEUA received a score of 69 out of 100 for the Prop 1 application; the highest score was 81. There are eight projects remaining of the initial 11 projects. On June 6, staff will be travelling to Sacramento to have a technical meeting with the California Water Commission (CWC) to understand the score IEUA received. The CWC will be finalizing the score for the project on June 27-28. Ms. Razak will keep the Committee informed.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

None.

C. COMMITTEE MEMBER COMMENTS

Ms. Gienger welcomed Noel Castillo, as the new Technical Committee member representing the city of Montclair.

D. NEXT MEETING – JULY 26, 2018**6. ADJOURNMENT – The meeting adjourned at 2:48 p.m.**

Transcribed

by:

Laura Mantilla

**ACTION
ITEM**

1B

Date: July 26, 2018/August 2, 2018
To: Regional Committees
From: Inland Empire Utilities Agency
Subject: RP-1 Generator Controls Upgrade Design-Build Contract Award

RECOMMENDATION

It is requested that the Regional Committees recommend the IEUA Board of Directors award the design-build contract for the RP-1 12kV Switchgear and Generator Control Upgrades, Project No. EN17044, to Big Sky Electric in the amount of \$4,427,000.

BACKGROUND

In July 2016, IEUA retained the services of Tetra Tech to perform a system analysis for the existing Regional Water Recycling Plant No. 1 (RP-1) electrical distribution system and planned expansion. The system analysis consisted of evaluating electrical equipment sizes, existing switchgear load, and the future load expansion. Tetra Tech proposed recommendations to address existing and future electrical system deficiencies.

Part of Tetra Tech's system analysis consisted of evaluating the three existing 1250 kW Caterpillar backup generators and their related control systems located inside the Power Reliability Building at RP-1. The analysis concluded that the existing generator control system is an outdated analog system that does not meet the plant's current digital data and network system requirements and is unreliable; placing RP-1 at risk during a power outage. The purpose of the RP-1 Power Reliability Generator Control Upgrades Project is to replace the outdated control equipment for the backup generators as well as incorporate microgrid technology allowing RP-1 to maximize the use of alternative power generation on a go forward basis. This reliability is critical in maintaining water quality compliance and staff safety.

On January 17, 2017, IEUA retained Black & Veatch to prepare a Project Design Report for engineering and pre-design services for the Project. On May 10, 2017, IEUA pre-qualified three design-build contractors for the Project. On July 24, 2017, IEUA advertised via *PlanetBids* a Request for Proposal to three pre-qualified design-build contractors in compliance with Senate Bill (SB) 785, which allows public agencies to select design-build contractors based on the best value to IEUA rather than being selected exclusively on lowest cost. This project delivery method was preferred due to the sensitivity of the controls systems and the significant impact that quality

RP-1 Switchgear and Generator Upgrades Design-Build Contract Award

August 8, 2018

Page 2 of 3

On September 12, 2017, the following proposals were received:

Bidder's Name	Total Price
Big Sky Electric	\$2,458,143
CDM Smith	\$2,350,484
CSI Electric	\$2,286,570
Engineer's Estimate	\$2,500,000

The proposals were reviewed by a selection committee from Engineering and Construction Management, Integrated Systems Services, and Contracts and Procurement. Pursuant to SB 785, the proposals were evaluated based on technical design and construction experience, proposed work plan, schedule, fees, and the recommended RP-1 electrical back-up plan. Based on these criteria, the committee unanimously determined that Big Sky Electric (Big Sky) provided the best value to IEUA for this project. Big Sky was the only Design/Built Entity to submit a complete proposal package encompassing the entire scope of work as requested by IEUA. The two other proposals fell short of the requested scope of work at an estimated value of \$200,000 each. During the pre-qualification process, IEUA staff evaluated Big Sky's financial statements and verified references. Big Sky demonstrated the technical experience and responsiveness to be successful on this project.

IEUA entered into negotiations with Big Sky. Big Sky proposed an added value scope of work including the replacement of the 12kV switchgear. IEUA had previously identified the 12kV Switchgear at RP-1 replacement as part of a future project. During September 2017, the RP-1 switchgear failed a recent functionality test and could not be repaired. The testing report delivered in October 2017 stated that the switchgear had obsolete parts and was operating inefficiently. With this information, IEUA staff elected to include the added value scope of work. On January 26, 2018, IEUA amended Black & Veatch's pre-design services contract to include the pre-design of the 12kV switchgear.

Including the added value scope of work for the 12kV switchgear presents the following cost savings to IEUA:

Project Description	Total Price
Added Value 12kV Switchgear Replacement, Project No. EN17044	-\$1,968,857
Future 12kV Switchgear Projects	\$3,900,000
Total Project Savings	\$1,931,143

In addition to the cost savings, adding the replacement of the 12kV switchgear to the Project requires only one plant shutdown as opposed to several plant shutdowns; minimizing risk to plant operations and compliance.

The total requested amount for the design-build contract is as follows:

Big Sky Electric's Proposal	Total Price
RP-1 Generator Control Upgrades	\$2,458,143
RP-1 12kV Switchgear Replacement – Added Value Proposal	\$1,968,857
Total Bid Price	\$4,427,000

The following table is the anticipated project cost:

Description	Estimated Cost
Pre-Design Services	\$328,000
Pre-Design Contract (actuals)	\$102,500
IEUA Pre-Design Services (actuals)	\$225,500
Design-Build Services	\$322,454
Owner's Engineer Services (~4%)	\$189,644
IEUA Design-Build Services (~3%)	\$132,810
Construction	\$4,869,700
Design-Build Contract (this action)	\$4,427,000
Contingency (~10%)	\$442,700
Total Project Cost	\$5,520,154
Current Total Project Budget	\$5,830,000

The following is the project schedule:

Project Milestone	Date
Design-Build Contract Award	August 2018
Design Completion	March 2019
Construction Completion	May 2019

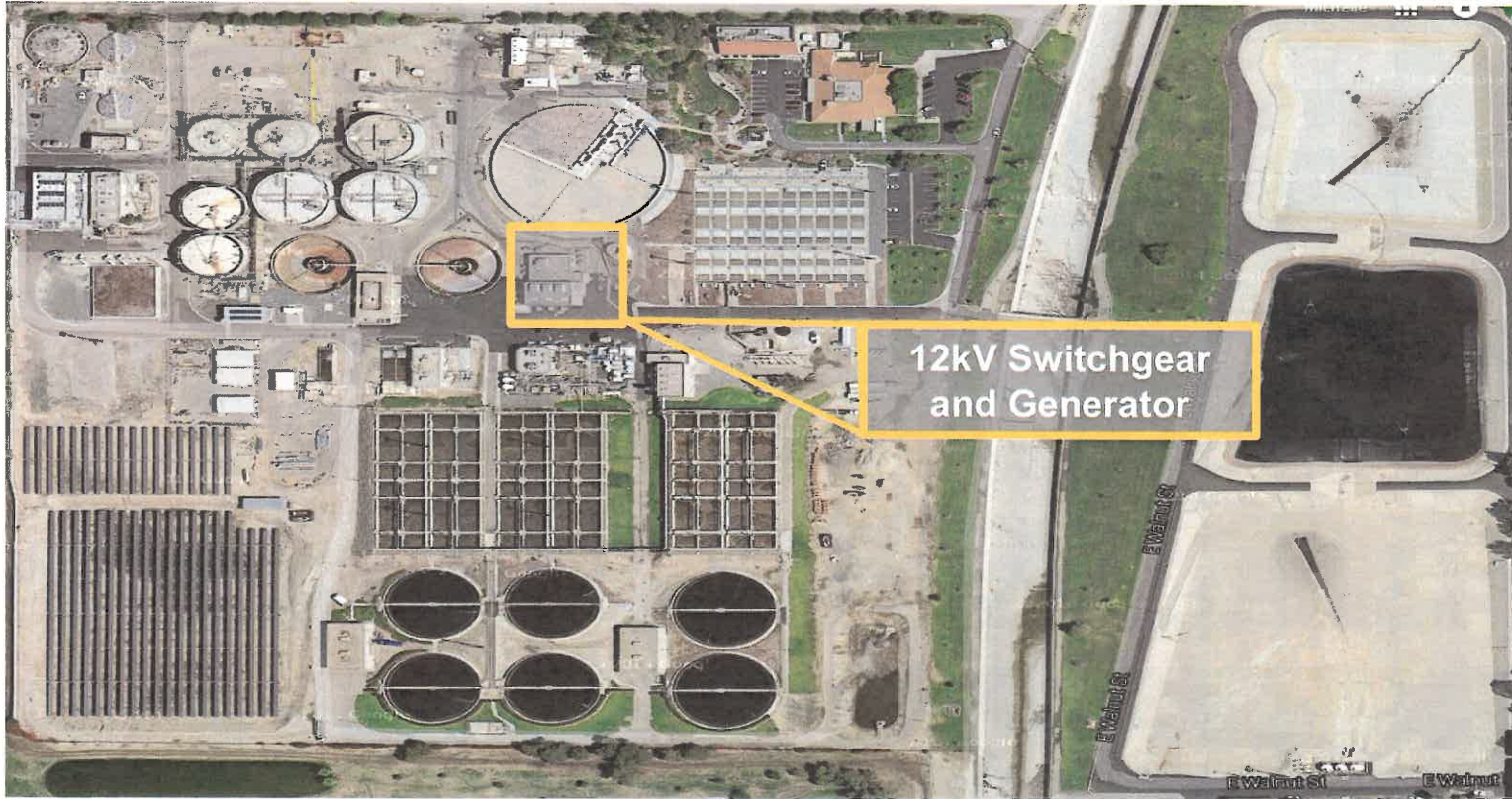
The RP-1 12kV Switchgear and Generator Control Upgrades Project is consistent with *IEUA's Business Goal of Wastewater Management* specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

Regional Plant No.1 Switchgear and Generator Control Upgrades Construction Contract Award Project No. EN17044



Shaun J. Stone, P.E.
July/August 2018

Project Location



The Project

- Scope includes:
 - Replacement of 12kV Switchgear with Spare Breaker Space
 - Replacement of Control Panels for Generator Control
 - New Digital Engine Control Panels at Generators
 - Emergency Power During Construction



Project Budget and Schedule

Description	Estimated Cost
Pre-Design Services	\$328,000
Pre-Design Contract (actuals)	\$102,500
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Design-Build Contract (this action)	\$4,427,000
Contingency (10%)	\$442,700
Total Project Cost	\$5,520,154
Total Project Budget	\$5,830,000

Project Milestone	Date
Construction	
Construction Contract Award	August 2018
Construction Completion	May 2019

Recommendation

It is requested that the Regional Committees recommend the IEUA Board of Directors award the design-build contract for the RP-1 12kV Switchgear and Generator Control Upgrades, Project No. EN17044, to Big Sky Electric in the amount of \$4,427,000.

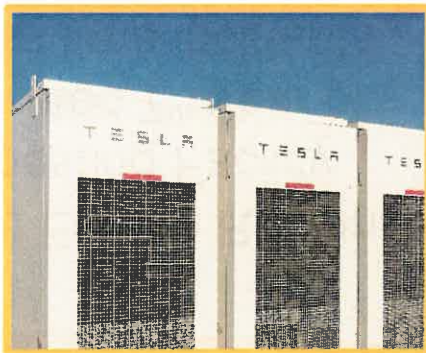
The RP-1 12kV Switchgear and Generator Control Upgrades Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

INFORMATION

ITEM

2B

Operations Division Update

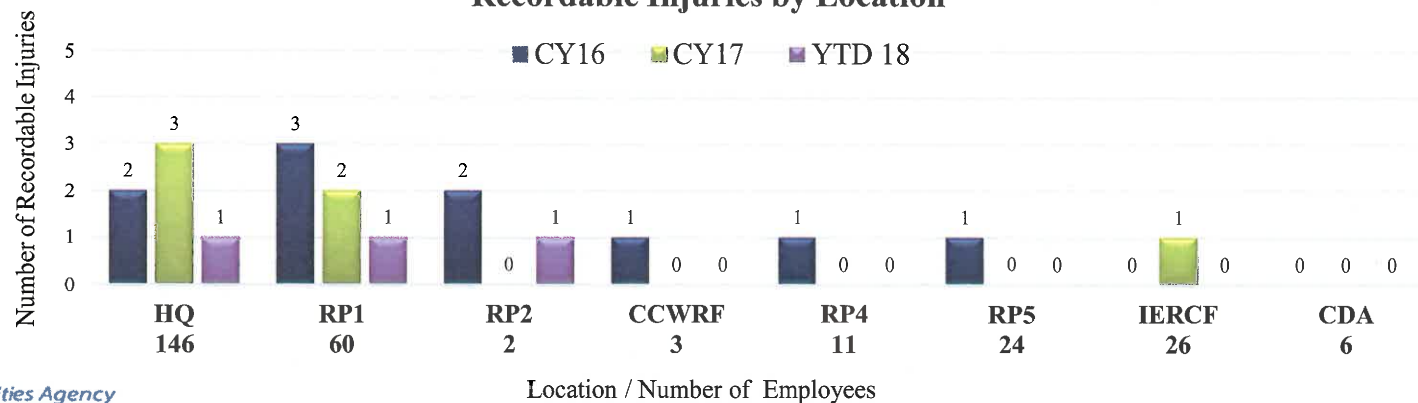


Safety

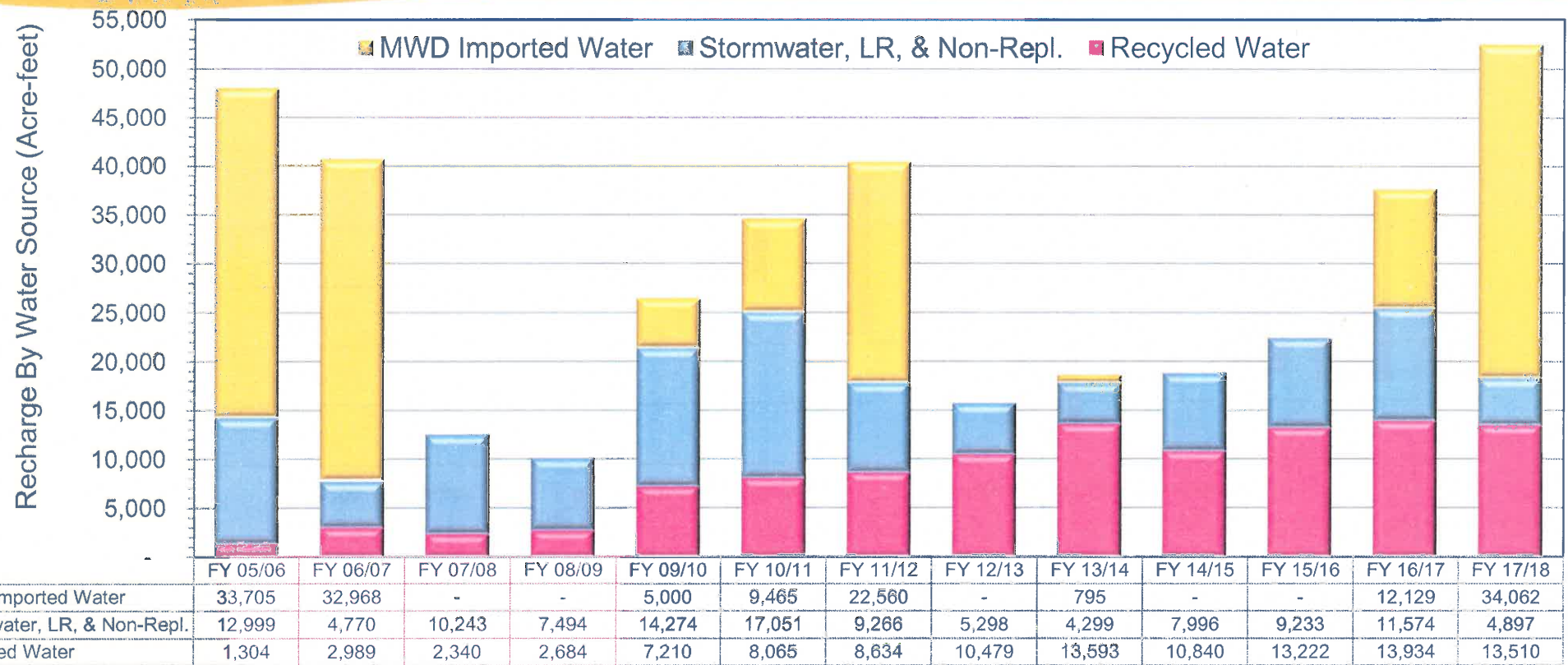
Inland Empire Regional Composting Facility celebrated 7th year of no loss time incidents



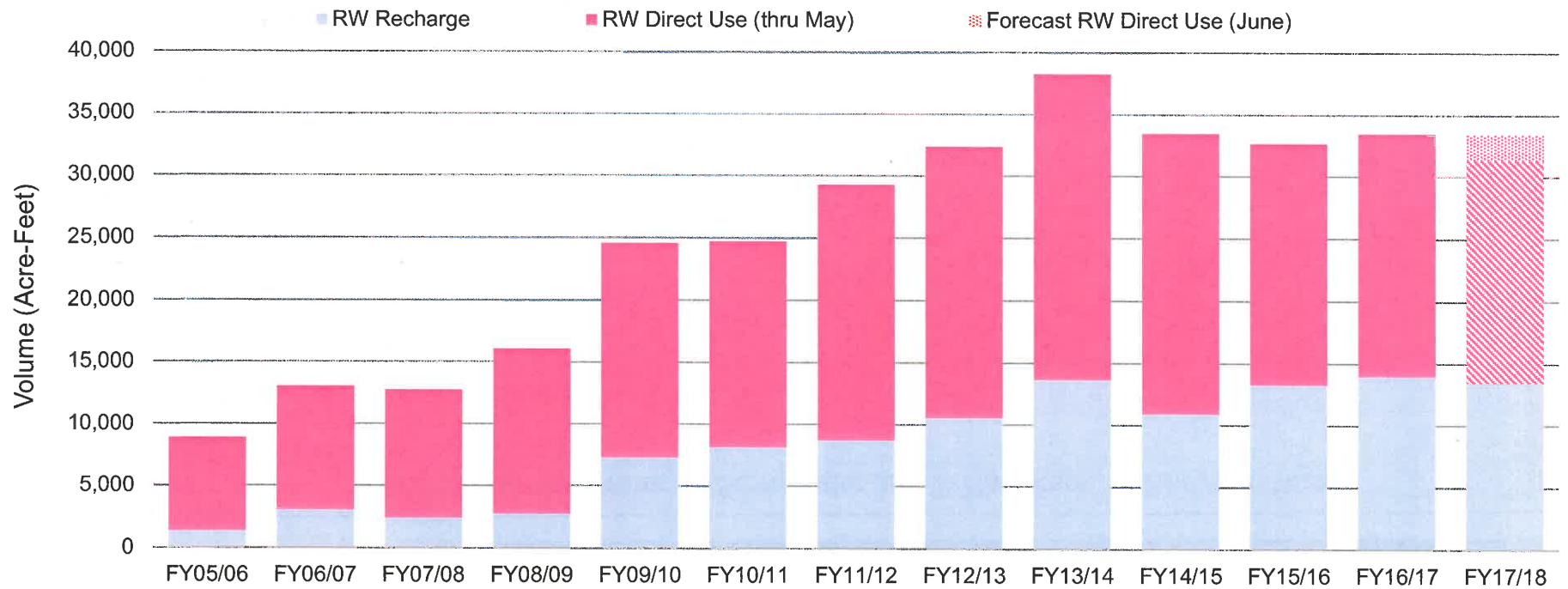
Recordable Injuries by Location



Groundwater Recharge



Recycled Water Delivery



Nesting Bird Mitigation at RP-5



CCWRF Asset Management



Carbon Canyon Water Reclamation Facility

- Been in operation since early 1990's
- 11.4 million gallons per day capacity
- Produces Title 22 Recycled Water
- Staffed 10 hours/day

CCWRF Asset Management



12 KV Maintenance



Aeration Maintenance



Headworks Maintenance



RW Pump Station Inspection



Primary Clarifier Inspection



Headworks Condition Assessment

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3A



Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, August 2, 2018

4:00 p.m.

**(Optional Tour of CCWRF at 3:00 p.m.
14950 Telephone Avenue, Chino)**

Location

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

Call to Order

Pledge of Allegiance

Public Comment

Changes/Additions/Deletions to the Agenda

1. Technical Committee Report (*Oral*)

2. Action Item

- A. Meeting Minutes for June 7, 2018
- B. RP-1 Electrical Upgrades Construction Contract Award

3. Informational Items

- A. Regional Contract Update (*Oral*)
- B. Operations Update

4. Receive and File

- A. Building Activity Update
- B. Recycled Water Distribution – Operations Summary
- C. Legislative Update
- D. Kearns & West Regional Contract Facilitation Contract Amendment

5. Other Business

- A. Committee Member Requested Agenda Items for Next Meeting
- B. Committee Member Comments
- C. IEUA General Manager's Update

(Continued)

D. Next Meeting – September 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 Monday, July 30, 2018.

Laura Mantilla

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Building Activity Report - YTD Fiscal Year 2017/18



Legend

- Service Area
- Unincorporated

EDU (YTD)

Residential

≤1.0

1.0 - 10.0

>10.0

Commercial

≤1.0

1.0 - 10.0

>10.0

Industrial

≤1.0

1.0 - 10.0

>10.0

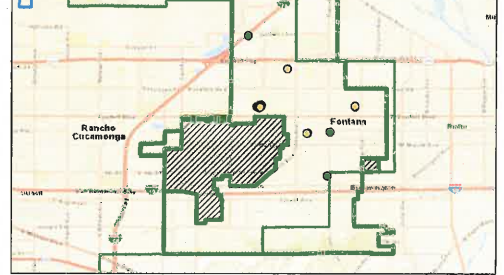
HALF MILE GRID: TOTAL EDU's (YTD)



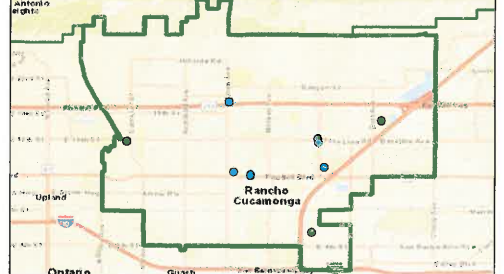
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Projected
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)	
Chino	1143	67	1	1211
Chino Hills	265	28	0	293
CVWD	274	117	0	391
Fontana	418	58	0	476
Montclair	250	12	0	262
Ontario	887	134	9	1030
Upland	110	53	0	163
Total	3347	469	10	3826

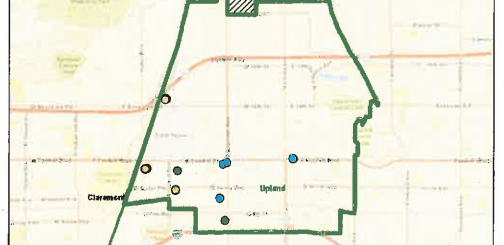
Fontana (May 2018)



Cucamonga Valley Water District (May 2018)



Upland (May 2018)



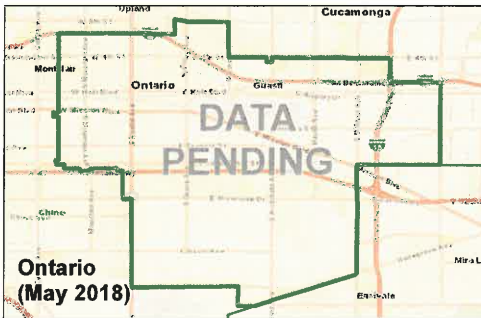
Chino Hills (May 2018)



Chino (May 2018)



Ontario (May 2018)



Montclair (May 2018)



Building Activity Report - YTD Fiscal Year 2017/18



Legend

- Service Area
- Unincorporated

EDU (YTD)

Residential

- ≤1.0
- 1.0 - 10.0
- >10.0

Commercial

- ≤1.0
- 1.0 - 10.0
- >10.0

Industrial

- ≤1.0
- 1.0 - 10.0
- >10.0

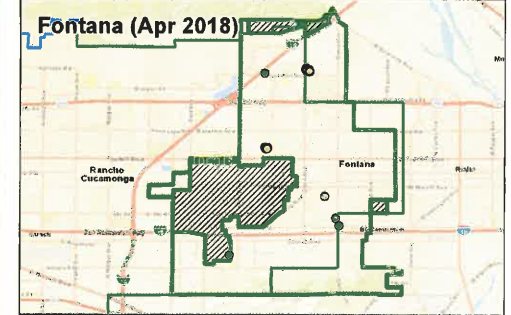
HALF MILE GRID: TOTAL EDU's (YTD)



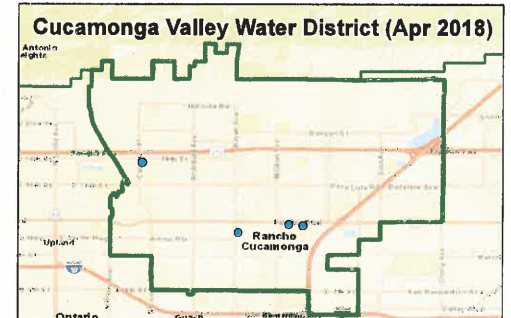
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Total (EDUs)	Projected
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)		
Chino	1143	65	1	1209	725
Chino Hills	241	27	0	268	702
CVWD	274	94	0	368	364
Fontana	379	54	0	433	960
Montclair	39	9	0	48	115
Ontario	887	134	9	1030	2350
Upland	95	41	0	136	226
Total	3058	424	10	3492	5442

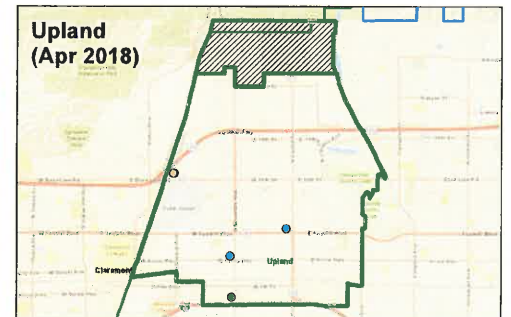
Fontana (Apr 2018)



Cucamonga Valley Water District (Apr 2018)



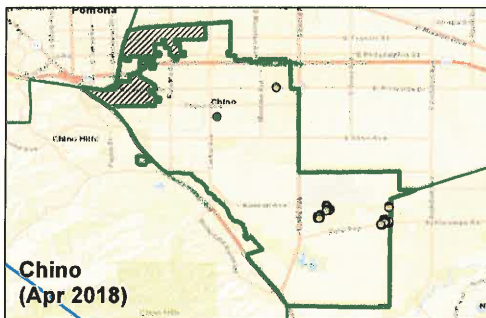
Upland (Apr 2018)



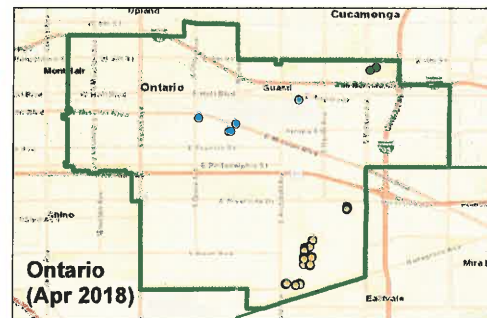
Chino Hills (Apr 2018)



Chino (Apr 2018)



Ontario (Apr 2018)



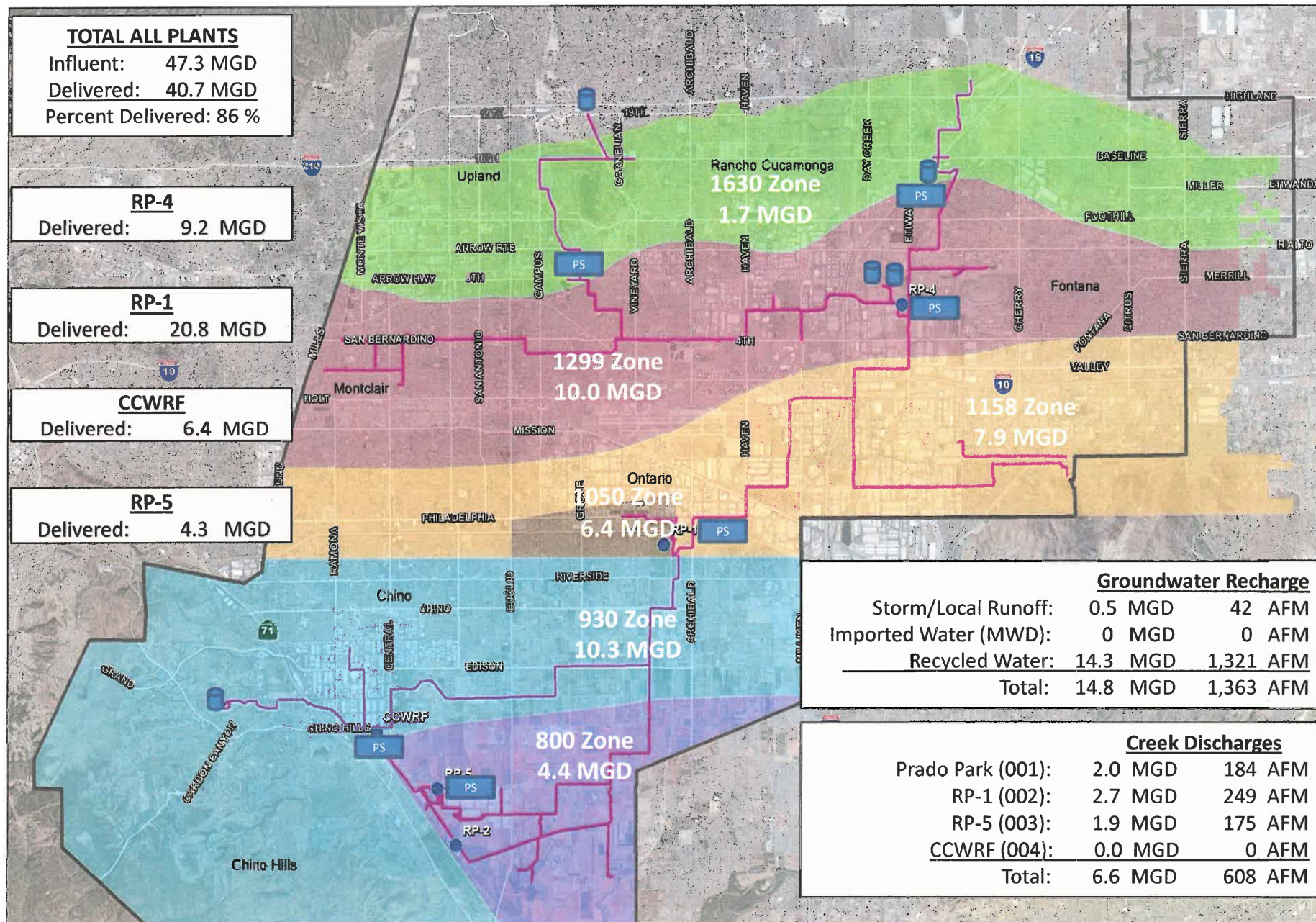
Montclair (Apr 2018)



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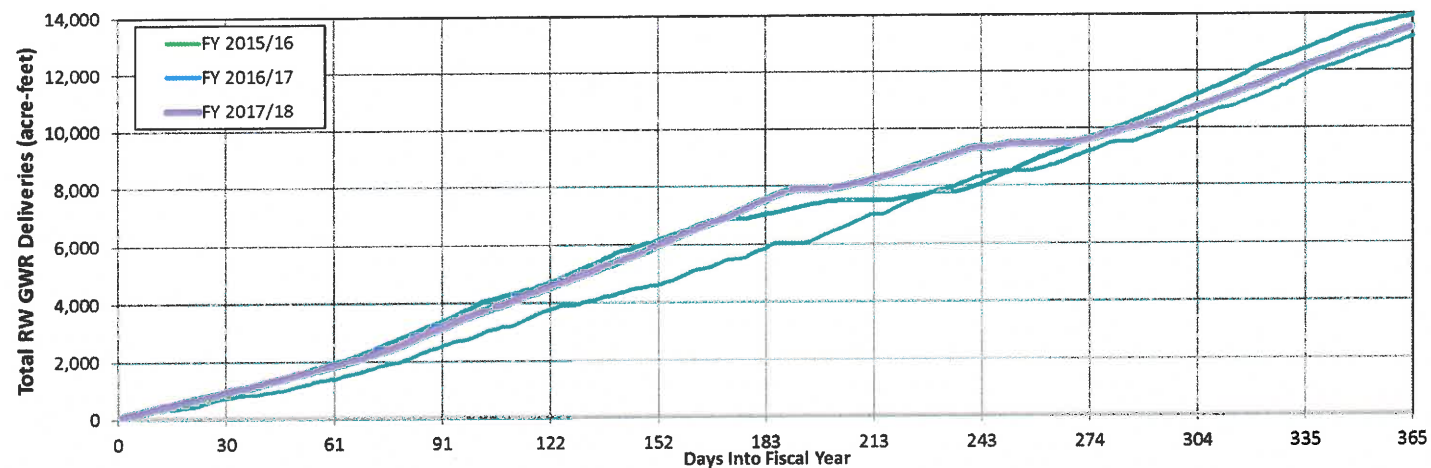
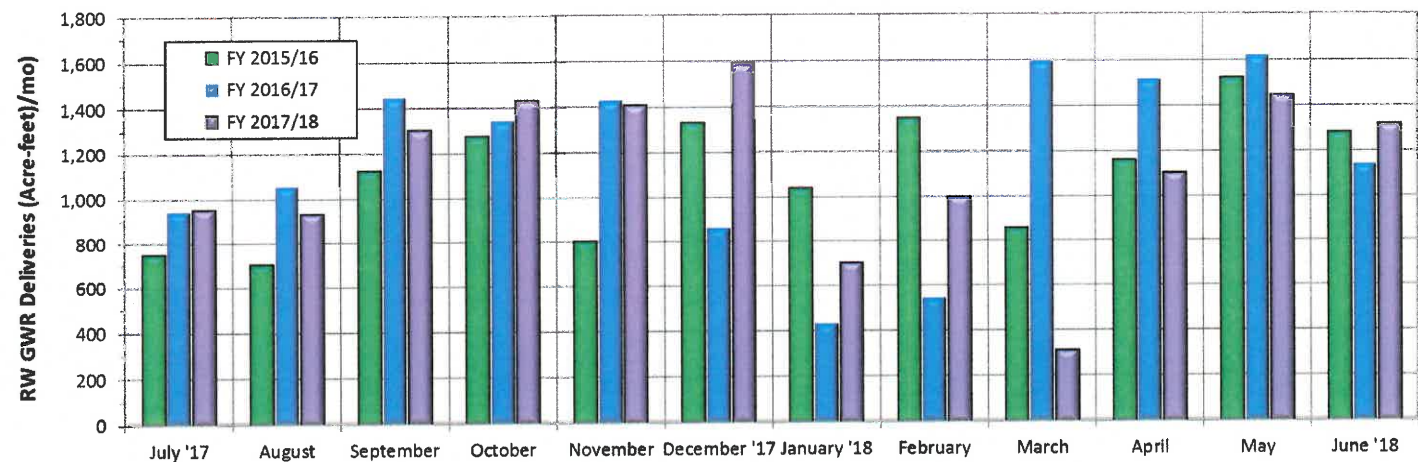
3C

IEUA RECYCLED WATER DISTRIBUTION – JUNE 2018



Recycled Water Recharge Deliveries / Plan - June 2018 (Acre-Feet)

Basin	6/1-6/8	6/9-6/15	6/16-6/22	6/23-6/30	Month Actual	FY To Date Actual	Deliveries are draft until reported as final.	
Ely	114.4	57.0	33.6	30.8	235.8	1552		
Banana	45.0	34.0	28.0	28.0	135.0	2179		
Hickory	24.6	20.5	20.6	30.6	96.3	1432		
Turner 1 & 2	6.1	19.5	37.5	24.0	87.1	1566		
Turner 3 & 4	14.0	44.6	57.5	28.2	144.3			
8th Street	0.0	0.0	0.0	0.0	0.0	1055		
Brooks	38.5	20.9	37.4	16.8	113.6	1290		
RP3	73.0	64.3	57.6	65.7	260.6	3026		
Dedez	71.3	65.9	33.1	78.4	248.7	614		
Victoria	0.0	0.0	0.0	0.0	0.0	798		
San Sevaine	0.0	0.0	0.0	0.0	0.0	0		
Total	386.9	326.7	305.3	302.5	1,321.4	13,510	13,934	AF, Previous FY To Date Actual



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3D

**REGIONAL SEWERAGE PROGRAM
PRETREATMENT SUBCOMMITTEE**

June 5, 2018

1:30 PM

IEUA HQ Building B, Adobe Conference Room
6075 Kimball Avenue
Chino, CA 91710

Minutes

Members Present

Ruben Valdez.....	City of Chino
Andy Zummo.....	City of Chino Hills
Nancy Dacumos.....	City of Fontana
Nicole deMoet.....	City of Montclair
Michael Birmelin.....	City of Ontario
Robert Herbster.....	City of Upland
Tony Mata.....	City of Fontana
Craig Proctor.....	IEUA

Conference Call

Shane Stevens.....	CVWD
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Others Present

Ken Tam.....	IEUA
Michael Barber.....	IEUA

1. Introductions

The committee opted to forego introductions.

2. Informational Items & Updates

a. Tech Meeting Report

- The Kearns and West Regional Contract facilitation team met with the Regional Technical Committee to summarize the results of the key issues identified by IEUA and the member agencies during the scoping exercise and the prioritization of those issues. Discussion ensued regarding the issues having the highest priority based on the member agency rankings as well as the level of effort expected to reach an agreement on those items. Kearns and West provided

several options on how to structure the Regional Contract negotiations going forward and the sequencing of the contract negotiations focusing on: estimated time to complete negotiations, meeting frequency, level of effort, and ground rules. Kearns and West will prepare a Scope of Work for Phase 2B contract negotiations which will be presented to the Regional Committee's and IEUA Board for consideration.

b. Treatment Plants

RP-1/RP-4:

- RP-1/RP-4 met all the NPDES requirements during the months of February thru April 2018.

RP-5:

- RP-5 met all the NPDES requirements during the months of February thru April 2018.

CCWRF:

- CCWRF met all the NPDES requirements during the months of February thru April 2018.

Agency-wide:

- The Agency-Wide 12-month running average TDS for the months of February 2018, March 2018, and April 2018 were 456, 459, and 460 mg/L, respectively, which did not exceed the 550 mg/L Agency-wide 12-month running average limit.
- The Agency-wide 12-month running average incremental increase between secondary effluent and water supply TDS for the months of February 2018, March 2018, and April 2018 were 206, 205, and 204 mg/L, respectively, which did not exceed the 250 mg/L Agency-wide 12-month running average limit.

Collections System:

- One SSO occurred during the months of February thru April 2018. A Category 2 SSO of approximately 139,500 gallons occurred near the intersection of Bon View Avenue & Francis Street on February 15, 2018. The spill appearance point was a force main. The cause of the spill was City of Ontario contractor's excavating equipment hitting a Non-Reclaimable Waste System pipeline. All flows were recovered and returned to a collection system.

Recycled Water:

- No unauthorized discharges of more than 50,000 gallons of disinfected tertiary recycled water into the waters of the state occurred during the months of February thru April 2018.
 - No agricultural runoff events were reported to IEUA by member agencies during the months of February thru April 2018.
- c. Pretreatment Programs

Aquamar, Inc. in the City of Rancho Cucamonga was issued a Notice of Violation and Order for Corrective Action in April for exceeding their permitted daily discharge limit for TDS, fixed in March. Results of industries investigation determined TDS originated from its cooking process steam condensate line. This line has been replumbed to the boiler hot well reuse tank. Resampling has been conducted. Results indicated compliance. No further enforcement action was necessary.

Cliffstar Calif. LLC., in the City of Fontana was issued a Notice of Violation and Order for Corrective Action in April for exceeding their permitted daily discharge limit for TDS, fixed in March. Results of industries investigation determined simultaneous CIP operations required an adjustment to neutralization system, resulting in an increased TDS in the discharge. To prevent a recurrence, CIP times on process equipment were staggered. Resampling indicated compliance. No further enforcement action necessary.

Coca-Cola North America in the City of Ontario was issued Notices of Violation in April and May for exceeding their permitted discharge limit for TDS, fixed in March and April. Results of industries investigation determined poor circulation from the blowers in their equalization tank required an increase in pH neutralization chemicals. A faulty caustic pump was also to partially blame for the violations. Coca-Cola is in the process of completely upgrading their pretreatment system with a new MBBR. Subsequent monitoring for TDS indicates inconsistent compliance. Additional enforcement is pending.

Net Shapes, Inc. in the City of Ontario was issued a Notice of Violation and Order for Corrective Action for failure to conduct monthly self-monitoring for pH in April. Industry sampled and resubmitted their self-monitoring data in May. No further action required.

Sun Badge Company in the City of Ontario was issued a Notice of Violation and Order for Corrective Action for repeatedly failing to submit their self-monitoring report by the required due date. Industry implemented several administrative changes to prevent recurrence.

Dynamic Plating in the City of Upland has been permanently shut down by the EPA and County of San Bernardino District Attorney's office. All chemicals and building contents have been profiled and are being disposed by a licensed EPA

hazardous waste remediation company. The building has been classified as unsafe for occupancy and demolition is anticipated later this year.

3. Discussion Items

a. Dental Amalgam Rule

IEUA updated the committee on the status of the inventory lists of active dental offices. As previously requested by IEUA, all member agencies need to provide the lists to IEUA if they haven't already done so. The group reviewed key points of the new rule noting that dental facilities that commenced operation after July 14, 2017, are required to immediately comply with the new rule, while existing dental facilities have until July 14, 2020. IEUA distributed copies of the One-Time Dental Compliance Report for Dental Dischargers form it developed to comply with 40 CFR 441 and the FAQ Sheet developed by City of Ontario. Agencies should provide feedback on both forms by the end of June. IEUA would like to start the notification process by the end of July. Several of the committee members stated their agencies will take the lead in notifying the dental facilities of the new certification requirement.

b. Local Limits

On May 16th the IEUA Board adopted Resolution No. 2018-5-1 establishing local limits applicable to the Regional Sewerage System significant industrial users. Key changes to the local limits include more stringent limits for chromium, copper, lead, nickel and zinc, and TDS will now be analyzed using TDS by summation. IEUA will be requiring all regional system SIUs to begin analyzing for TDS by summation beginning in July.

c. Sewer System Flow and Loading Study

IEUA updated the committee on the ongoing CASA study. This is a statewide study of current sewer system flows and loadings associated with different types of land uses. As water usage has changed over time with increased conservation, it is prudent to review wastewater loading assumptions and update them, as necessary, to ensure that they more accurately reflect current wastewater characteristics. The study will attempt to determine the relative burden of categories of customer classes on wastewater systems. The goal of the study is to provide current information as a resource for individual CASA members to use or adapt, as they deem appropriate, when setting sewer rates within their service areas. As the study enters Phase II, IEUA will be requesting the member agencies provide residential area locations that can be used for collecting flow and strength data to be included in the study.

d. Accessory Dwelling Unit

On January 1, 2017, new legislation went into effect regarding Accessory Dwelling Units (ADUs). The state passed the legislation to help streamline approvals for ADUs as a solution to the housing issues in California. The new legislation would waive the collection of connection fees on ADUs that met certain requirements. The government code for the ADUs was handed out during the meeting. IEUA also advised that the guidance document would be sent out to the committee members following the meeting. It was discussed among the committee members that there have been several applications for ADUs that have come through the Building Departments. Some of the applications did not meet the requirements to qualify as an ADU.

IEUA proposed to the committee members that an informational item would be brought to the Tech Committee for discussion and possibly a follow-up meeting with the Building Departments for each Agency would take place afterwards to ensure the current ADU legislation is applied equitably throughout the region.

Other Items

None

The next pretreatment meeting is tentatively scheduled for August 2, 2018.

The meeting adjourned at 2:33 p.m.

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IEUA Bill Matrix

Last Updated 7-2-18

Year	IEUA Action	Bill No.	Author	Bill Name	Final Status	Comments
2017	<u>Support</u>	<u>Prop 68 (SB 5)</u>	de León, (D- Los Angeles)	Water Bond	Passed on the primary ballot on June 5, 2018	Joined Californians for Clean Water and Safe Parks Coalition - Prop 68 (2/18)
2018	<u>Support</u>	<u>SB 606</u>	Hertzberg, (D- Van Nuys)	Water Management Planning	Signed by the Governor	Approved by the IEUA Board in May 2018
2018	<u>Support</u>	<u>AB 1668</u>	Friedman, (D- Glendale)	Water Management Planning		
2018	<u>Support</u>	<u>SB 2050</u>	Caballero, (D- Salinas)	Small System Water Authority Act of 2018	-	IEUA Board approved support position in April 2018. (Eastern MWD Bill)
2018	<u>Oppose</u>	<u>SB 623</u>	Monning, (D- Carmel)	Water quality: Safe and Affordable Drinking Water Fund	-	Similar language removed from budget trailer bill; signed on to ACWA coalition letter in opposition in June 2018.
2018	<u>Support</u>	Water Bond	Jerry Meral	<u>Water Supply and Water Quality Act of 2018</u>	General Election Ballot in Nov. '18	Signatures have been verified for inclusion on the November ballot. Support position approved by the IEUA Board in June 2018.
2018	<u>Watch</u>	<u>AB 2697</u>	Gallagher	Idled Ag Land and Water Transfers	-	Signed on to MWD Coalition. Opposition has been pulled.
2018	<u>Watch</u>	<u>SB 831</u>	Wieckowski	Land use: accessory dwelling units	Dead	Concerns for partnering agencies. Held in Asm. Housing and Community Development committee.
2018	<u>Oppose</u>	<u>SB 998</u>	Dodd	Discontinuation of residential water service: urban and community water systems	-	Concerns for partnering agencies
2018	<u>Watch</u>	<u>SB 1244</u>	Wieckowski	Public Records Disclosure	-	

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Date: June 20, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

HHR

Committee:

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

Subject: Regional Contract Facilitation Contract Amendment

Executive Summary:

In September 2017, at the request of the Regional Technical Committee, Inland Empire Utilities Agency (IEUA) entered into a professional services contract with Kearns and West (K&W) to help facilitate the Regional Sewage Service Contract (Contract) negotiations. The initial contract was for \$99,874. Phase 1 was completed and a presentation was made at a joint meeting of the Regional Policy and Technical Committees in February 2018. At the meeting, the Policy Committee discussed options and decided it would be mutually beneficial to continue the discussions currently underway to revise the Contract and use the positive momentum established during Phase 1 to reach a final resolution on the terms for a revised Contract.

In March 2018, the K&W Team held several "Scoping Sessions", called Phase 2A, with the Technical Committee to refine issues for negotiation, develop a list of issues and establish a timeline for resolution. The Phase 2A effort, which cost \$14,971, has been completed. On May 24, 2018, the Technical Committee requested K&W provide a scope and cost for the next phase of actual negotiations, Phase 2B. On May 31 and June 7, the Regional Committees unanimously approved the Phase 2B contract amendment with K&W for a not-to-exceed amount of \$390,000. If approved, the total contract amount with K&W would increase to \$504,845.

Staff's Recommendation:

1. Approve budget amendment of \$390,000 for the Regional Contract Facilitation, Project No. PL19002;
2. Award a professional services contract amendment to Kearns and West for a not-to-exceed amount of \$390,000; and
3. Authorize the General Manager to execute the contract subject to non-substantive changes.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* Y *Amount for Requested Approval:* \$ 390,000

Account/Project Name:

PL19002/Regional Contract Facilitation

Fiscal Impact (explain if not budgeted):

A new project will be established and the budget will be supplemented for \$390,000 under the Regional Wastewater O&M Fund.

Prior Board Action:

None

Environmental Determination:

Not Applicable

Business Goal:

The contract amendment supports the IEUA's Business Goal of Business Practices specifically the Efficiency and Effectiveness objective that IEUA will apply best industry practices in all processes to maintain or improve the quality and value of the services we provide to our member agencies and the public.

Attachments:

Attachment 1 - Regional Contract Facilitation Contract Amendment

PROPOSED SCOPE OF WORK – REGIONAL SEWAGE SERVICE CONTRACT NEGOTIATION PROJECT, PHASE 2B

Introduction

IEUA and the seven Contract Agencies (Agencies) seek to reach agreement on a revised Regional Sewage Service Contract. To this end, the Agencies contracted with the Kearns & West Team to meet with the Agencies and determine the issues, concerns and potential disagreements with the existing contract (Phase 1). The Agencies subsequently contracted with the K&W Team to further refine issues for negotiation, develop a priority list of these issues, and recommend a schedule and process for contract negotiations (Phase 2A). Following a meeting with the K&W Team to discuss Phase 2B options and recommendations, the Technical Committee requested preparation of this Scope of Work (SOW) and related budget to support Phase 2B.

The attached table is a proposed budget for the Phase 2B work effort.

Project Goals

In general terms the services under this SOW for Phase 2B are intended to provide the Agencies with:

- 1) Neutral, third party expertise in conflict resolution and collaborative problem solving, including process design;
- 2) Neutral, third-party technical expertise related to key issues requiring negotiation;
- 3) A broad spectrum of process support services for structured contract negotiations based on Phase 2A issue scoping, expert advice from the K&W Team, and initial process choices made by the Technical Committee;
- 4) Ongoing communication to support Phase 2B objectives between and among the Technical Committee, K&W Team, and other authorized representatives of the Agencies as appropriate.

The same core K&W Team is proposed for Phase 2B work to maintain continuity and build upon knowledge gained from Phases 1 and 2B. This core team will be augmented as needed by other K&W staff.

Phase 2B Tasks

Phase 2B involves conducting negotiations in accordance with the process and structure developed in Phase 2A. The Agencies have created the foundation for the negotiations through Phases 1 and 2A, including perspectives on priority issues, linkages, and key interests and needs. This phase builds on that foundation and focuses on systematically building mutually acceptable agreements for identified issues among the Agencies through transparent and collaborative problem solving.

Task 1- Prepare Negotiation Terms of Reference Document

The K&W Team will prepare a Terms of Reference document for review and adoption by the Technical Committee (and other Agency representatives as appropriate). This document will describe the basic negotiation process for Phase 2B, the initial schedule, expectations for participation, decision making, confidentiality, the role of the K&W Team, and specific Guidelines for Negotiation. The K&W Team will support the Technical Committee in adopting modifications to this document as necessary.

Task 2 – Negotiation Sessions Schedule

The K&W Team will be responsible for preparing and maintaining the schedule for contract negotiations, communicating that schedule to the Technical Committee, advising on modifications and updates, and working with the Technical Committee to address the needs of its members related to scheduling.

Task 3 – Negotiation Sessions and Consultation

The K&W Team will have primary responsibility for planning and designing negotiation sessions in Phase 2B. These sessions may take a variety of forms, and may include different participants consistent with the Terms of Reference document. This Task also includes responsibility for planning and scheduling consultation sessions with representatives of one or more Technical Committee members to support contract negotiations.

Task 4 – Conflict Resolution and Collaborative Decision Making

The K&W Team will provide a full range of services to support increased understanding of interests and needs, development of options, and building agreements as part of contract negotiations. This Task includes preparing agendas and other background materials to support discussions, in addition to facilitated decision making, conflict resolution, and technical problem solving.

Task 5 – Meeting Notes and Summaries

The K&W Team will be responsible for preparing written summaries of negotiation sessions, including the documentation of agreements reached by the Technical Committee. These will be prepared and circulated in draft form for review, and then finalized, consistent with the Terms of Reference document. This Task includes taking notes at negotiation sessions to support preparation of summaries. This task also includes taking notes and preparing summaries of consultations and other discussions, also consistent with the Terms of Reference.

Task 6 – Ongoing Communication, Coordination, and Engagement

The K&W Team will communicate, coordinate, and engage with representatives of the Agencies as appropriate to support Phase 2B. This Task includes ongoing communication with the TC Chair and other members, the Policy Committee, the IEUA Board, and staff of the Agencies as needed. This Task also includes internal communications among the K&W team to prepare for negotiation sessions, develop a consistent understanding of input received from the Agencies, and develop potential options that address identified needs and concerns and are mutually acceptable to the Agencies.

Phase 2B Schedule

The Agencies intend that Phase 2B commence as soon as possible, and not later than July 2018, following necessary consultation and approvals for this SOW and associated contract and budget.

IEUA and Member Agencies - Regional Wastewater Contract Negotiation - Phase 2B Budget

Assumed Period of Work: July 2018-June 2019 (*Items with an asterisk reflect hourly estimates per month.)	Harty	Diemer	Rudinica	KW Associate	KW Project Coordinator	Hours for 1 Month	Hours for 12 Months	TOTAL \$ (for 1 month)	TOTAL \$ (for 12 months)	ASSUMPTIONS
	\$225.00	\$250.00	\$250.00	\$145.00	\$70.00					
Task 1: Prepare Negotiation Terms of Reference Document	15	5	5	10			35		7,325	Includes document drafting, multiple rounds of internal revisions, and time spent reviewing and modifying based on TC feedback.
Task 2: Negotiation Sessions Schedule*	1	1	1	2	4	9	108	1,295	15,540	Includes scheduling (and rescheduling) of meetings and consultation sessions.
Task 3: Negotiation Sessions and Consultation*	24	24	20			67	808	16,236	194,832	Assumes 4 negotiation sessions of 3 hours each + 2 hours travel/prep each; assumes 8 hours of consultation sessions/month; assumes attendance at 1 hr/month for TC and/or PC meetings. Assumes that Mike, Mike, and Dennis each attend 2/3 of all meetings. Assumes 6 hours round trip additional travel time (billed at 1/2 time) for Mike H and Dennis 2 times per month.
Task 4: Conflict Resolution and Collaborative Decision Making*	6	6	6	6	6	30	360	5,640	67,680	This Task includes preparing agendas and other materials/appropriate background to support discussions, research to support increased understanding interests and needs, development of options and technical problem solving.
Task 5: Meeting Notes and Summaries*				38		38	456	5,510	66,120	Assumes notetaking at 4 negotiation sessions of 3 hours each + 2 hours travel/prep each. Assumes 4 hours round trip additional travel time 1 times per month. Assumes production of written summaries for all these negotiation and consultation sessions and several rounds of revisions + incorporation of edits for final summaries. Assumes one set of meetings will be staffed by a Northern CA Associate and one set by a Southern CA Associate; assumes 6 hours round trip additional travel time (billed at 1/2 time) for Associate 1 time/month.
Task 6: Ongoing Communication, Coordination, and Engagement *	2	2	2	2	2	10	120	1,880	22,560	Includes ongoing communication with the TC Chair and other members, the Policy Committee, the IEUA Board, and staff of the Agencies as needed. This Task also includes internal communications among the K&W team.
TOTAL HOURS FOR YEAR	408.12	398.12	350.6	586	144		1887			
TOTAL LABOR	\$91,827	\$99,530	\$87,650	\$84,970	\$10,080			\$30,561	\$374,057	
SAVINGS FROM REDUCED MEETING SCHEDULE IN AUG & DEC									-\$30,561	Assumes half the number of meetings in August (vacations) and December (holidays).
TOTAL LABOR - PHASE I									\$343,496	

Other Direct Costs	Quantity	Price/unit	Time (months)			Price/month		Price/year	ASSUMPTIONS
Mileage @ federal reimbursement rate of .54/mile	720	0.54	12			389		\$4,666	Assumes ~90 miles RT driving from Santa Ana Airport/home to IEUA or other Agency offices. Assumes 1 car for Mike, Mike, and Dennis; and 1 car for notetaker.
Airfares	2.32	\$400	12			928		\$11,136	Assumes one trips per month for notetaker, and 2/3 of 2 trips for Mike and Dennis. Assumes all roundtrip.
Taxis, Uber, Parking, Road tolls, Car rental (as needed)	2.98	\$100	12			298		\$3,576	Assumes \$100 per person/month
Meeting materials	1	\$200.00	12			200		\$2,400	Includes flip charts, printing, and basic equipment cost per month
Per diem meals	9.28	\$64.00	12			594		\$7,127	Assumes 2017 federal GSA per diem rate of \$64/day for 4 people (with three of those attending 2/3 of meetings)
Lodging	3.96	300	12			1188		\$14,256	Lodging will be billed at the actual cost and will not exceed \$300/night without prior approval. Assumes lodging for Mike and Dennis, but not for notetaker. Assumed 3 nights/month to accommodate one day of early morning meetings.

Phase 2B IEUA Estimate of Services_final

Total ODCs							3597		\$43,161	
SAVINGS FROM REDUCED MEETING SCHEDULE IN AUG & DEC									-\$3,597	Assumes half the number of meetings in August (vacations) and December (holidays).
Total ODCs									\$39,564	

Total Labor and ODC for 1 Month Phase 2B, Tasks 2-6								\$34,768		
Total Labor and ODC for 1 Year Phase 2B, Tasks 1-6									\$386,657	

ADDITIONAL ASSUMPTIONS:

1. Negotiation meetings scheduled WED afternoons 1-4 pm and THU afternoons 1-4 pm
2. Negotiation sessions scheduled every other week around the TC and PC dates, so two blocks of meetings/month
3. Meetings scheduled prior to the scheduled PC meeting from 12:30 to 3:30 - PC meets at 4:00
4. Meet on the same date as the scheduled TC meeting
5. Assumes consultation sessions with Agency reps scheduled as needed on Wednesday mornings prior to negotiation sessions, and Thursday mornings prior to negotiation sessions
6. Assumes a 12 month schedule based on the fiscal year, July 2018 - June 2019, but half the number of meetings in August and December
7. Assumes a notetaker is needed for all negotiation meetings, but labor will be split between one SoCal notetaker and one traveling from Sacramento; Mike or Dennis will take notes at consultation sessions and TC/PC meetings.
8. Assumes Mike, Mike and Dennis will each participate in 2/3 of negotiation sessions.
9. Assumes that all meetings will be in-person, BUT webinars/calls are still an option to reduce travel time and ODCs.