

# **NOTICE OF MEETING**

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**OF THE  
REGULAR REGIONAL SEWERAGE PROGRAM  
TECHNICAL COMMITTEE**

**OF THE**



**WILL BE HELD ON  
THURSDAY, AUGUST 30, 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, August 30, 2018**

**2:00 p.m.**

#### **Location**

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

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#### **Call to Order and Roll Call**

#### **Additions/Changes to the Agenda**

##### **1. Action Items**

- A. Meeting Minutes for July 26, 2018
- B. RP-5 RW Pipeline Bottleneck Construction Contract Award

##### **2. Informational Items**

- A. Pretreatment Discharge Standards

##### **3. Receive and File**

- A. Draft Regional Policy Committee Agenda
- B. Building Activity Report
- C. Recycled Water Distribution - Operations Summary
- D. Legislative Update
- E. Septic to Sewer Feasibility Study
- F. Pretreatment Committee Minutes
- G. Sewage Contract Negotiations Items from Kearns & West

##### **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 – September 27, 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](http://www.ieua.org) and posted in the foyer at the Agency's main office at 6075 Kimball Avenue, Building A, Chino, CA, on Thursday, August 23, 2018.

  
\_\_\_\_\_  
Laura Mantilla

**ACTION  
ITEM**

**1A**



## **Regional Sewerage Program Technical Committee Meeting MINUTES OF JULY 26, 2018**

### **CALL TO ORDER**

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held on Thursday, July 26, 2018, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, Chino, California. Committee Chairman Noel Castillo called the meeting to order at 2:05 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
Rosemary Hoerning	City of Upland
Christina Valencia (Alternate)	Inland Empire Utilities Agency

### **OTHERS PRESENT**

Amanda Coker	City of Chino
Mark Wiley	City of Chino Hills
May Atencio	City of Fontana
Nicole deMoet	City of Montclair
Courtney Joes	City of Ontario
Kathy Besser	Inland Empire Utilities Agency
Shaun Stone	Inland Empire Utilities Agency
Ken Tam	Inland Empire Utilities Agency
Andy Campbell	Inland Empire Utilities Agency
Neetu Gupta	Inland Empire Utilities Agency
Chander Letulle	Inland Empire Utilities Agency

### **ADDITIONS/CHANGES TO THE AGENDA**

There were none.

**1. ACTION ITEMS****A. APPROVAL OF THE MINUTES OF MAY 31, 2018 MEETING MINUTES**

**Motion:** By Ron Craig/City of Chino Hills and seconded by Chuck Hays/City of Fontana to approve the meeting minutes of May 31, 2018.

**Motion carried:** Unanimously.

**B. RP-1 GENERATOR CONTROLS UPGRADE DESIGN BUILD CONTRACT AWARD**

Shaun Stone gave an overview of the RP-1 Generator Controls Upgrade Design Build project. This project was originally bid in September 2017. He stated that the scope is to replace the 12kV switchgear and the control panels for the generator as well as provide emergency power during construction. This is a design build contract for approximately \$4.4 million. If awarded the project would begin in August 2018 and completed in May 2019. Mr. Stone explained that the switchgear is over 25 years old and parts are obsolete. Big Sky Electric was one of the bidders and the only one to recommend added value option to replace the 12kV switchgear. IEUA evaluated their bid pursuant to SB 785 and elected to include the value-added scope of work.

Rosemary Hoerning asked if any projects were being deferred because of the additional cost of the switchgear. Mr. Stone stated four projects are being eliminated by doing the added value now, as well as a future project to replace the switchgear, saving approximately \$2,000,000. Mr. Stone asked the Committee to recommend to the IEUA Board to approve the RP-1 Generator Controls Upgrade Design Build Contract to Big Sky Electric in the amount of \$4,427,000.

**Motion:** By Rosemary Hoerning/City of Upland and seconded by Ron Craig/City of Chino Hills to recommend to the IEUA Board of Directors to award the design build construction contract for the Regional Water Recycling Plant No. 1 Generator Controls Upgrade in the amount of \$4,427,000.

**Motion carried:** Unanimously.

**2. INFORMATIONAL ITEMS****A. REGIONAL CONTRACT UPDATE (ORAL)**

Mike Harty/Kearns & West (K&W) provided an update on the Regional Contract Negotiations. He stated that the first negotiation sessions will be held on August 8 – 9. Mr. Harty discussed the memo on the preliminary negotiations schedule, topic, sequence and progress tracking. K&W also proposed sequence of issues based on the feedback. Mr. Harty discussed the draft issue scoping document and three issue papers circulated previously. Ms. Hoerning requested the issue papers be resent. Mr. Harty stated they will resend them. Ms. Hoerning informed Mr. Harty that some of the meetings conflict with the Chino Basin Water Master Pool Meetings.

Mr. Harty then discussed the negotiation approach, term sheet, decision making, and consensus. Mr. Harty explained the importance of moving forward and stated that if the contract agencies have objections or concerns to let him know. Lastly, Mr. Harty proposed that the Term of Reference be signed by everyone. Mr. Harty proposed that reporting to the Policy Committee be done on a

quarterly basis. Ms. Gienger asked about access to documents. Mr. Harty responded that it will be discussed at the session on August 8.

**B. OPERATIONS UPDATE**

Chander Letulle/IEUA provided an Operations Division update. He informed the Committee that the Inland Empire Regional Composting Facility recently celebrated 7 years of no loss time incidents. Mr. Letulle stated that overall safety trends of injuries are decreasing. Mr. Letulle reviewed the groundwater recharge by water source. He reported that for FY 2017/18, IEUA had the highest groundwater recharge totaling approximately 52,000 AF. Mr. Letulle indicated there are a couple of projects that could provide additional recycled water deliveries such as, San Sevaire Basin improvements and the 1158 Recycled Water Pump Station Improvement Project.

Mr. Letulle stated that RP-5 had a coliform violation in August 2017. IEUA believes the cause was due to 19 mud nests from Cliff and Barn swallows. Once the nests were no longer active, IEUA added netting, spikes and a sound box which was a success. Mr. Letulle then gave an overview of the operations at the Carbon Canyon Facility and reviewed the asset management program of the 12KV maintenance, aeration maintenance, headworks, RW pump station inspection, primary clarifier inspection, and headworks condition assessment.

**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. PRETREATMENT COMMITTEE MEETING MINUTES FOR JUNE 5, 2018**

Mr. Castillo pulled this item for discussion and deferred this item to Ken Tam. Mr. Tam stated that the City of Montclair reached out to IEUA about the Local Limits Resolution that was adopted by the IEUA Board in May 2018. Mr. Tam explained that the new resolution rescinded the previous resolution, which established local limits to the Sewerage System Significant Industrial Users (SIOUs). Due to the concerns raised by the contracting agencies, specifically that the current Local Limits Resolution removed the Point of Connection Standards, a pretreatment meeting will be scheduled in August to discuss this topic.

**E. LEGISLATIVE UPDATE**

The Legislative Update was received and filed by the Committee.

**F. KEARNS & WEST REGIONAL CONTRACT FACILITATION CONTRACT AMENDMENT**

The K&W Regional Contract Facilitation Amendment was received and filed.

**4. PREVIOUS TECHNICAL COMMITTEE ITEMS REQUESTED**

None

**5. OTHER BUSINESS**

**A. IEUA GENERAL MANAGER'S UPDATE**

- Prop 1: Christina Valencia (on behalf of Halla Razak) stated that IEUA received good news on Prop 1 and deferred this item to Sylvie Lee. Ms. Lee stated that the California Water Commission unanimously approved \$206.9 million for the Chino Basin Water Project.
- Establishing Plan Check and Inspection Fees: Ms. Valencia stated that IEUA will be reinstating the plan check fee which will be going to the IEUA Board for approval on August 15. Mr. Stone indicated the fee consist of costs associated with an Inspector and Senior Engineer's time to review up to five sheets of plans. If the plan has more than five drawings, the fee will be based on the number of hours required.

**B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING**

None.

**C. COMMITTEE MEMBER COMMENTS**

- Ron Craig/City of Chino Hills requested the projections on the recent study for recycled water. Ms. Lee will provide the data to the Committee.
- Chuck Hays/City of Fontana introduced new staff member May Atencio. She will be replacing Dan Chadwick.

**D. NEXT MEETING – AUGUST 30, 2018**

**6. ADJOURNMENT – The meeting adjourned at 3:07 p.m.**

Transcribed

by:

\_\_\_\_\_  
Laura Mantilla



**ACTION  
ITEM**

**1B**

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Date: August 30, 2018/September 6, 2018  
To: Regional Committees  
From: Inland Empire Utilities Agency *HR*  
Subject: RP-5 RW Pipeline Bottleneck Construction Contract Award

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### **RECOMMENDATION**

It is requested that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the RP-5 RW Pipeline Bottleneck, Project No. EN14043, to T.E. Roberts, Inc., in the amount of \$2,023,600.

### **BACKGROUND**

Regional Water Recycling Plant No. 5 (RP-5) has been operating and producing quality recycled water (RW) pursuant to the State of California Title 22 regulations since 2004. The RP-5 RW Pipeline Bottleneck project was launched after completing the 2015 RW Program Strategy with a primary goal to maximize the recharge and beneficial reuse of the RW. To achieve this goal, it is essential to upgrade the RW piping system, remove existing hydraulic limitations, and enhance system reliability.

The project improvements include up-sizing and reconfiguring the existing piping system downstream of the RW pump station, installation of a surge control system, replacement of buried RW isolation valves throughout the RP-5 Plant, and upgrade of pressure regulating devices and flow meters.

This project will be funded under California Clean Water State Revolving Fund Program with principle forgiveness of 50% of the total project cost.

In September 2016, the Inland Empire Utilities Agency (IEUA) retained Stantec Consulting Services, Inc. (Stantec) to provide consulting engineering services associated with the project including design, construction administration services, and commissioning. Stantec completed the design phase in November 2017.

Upon completion of the design in November 2017, IEUA prequalified nine general contractors to bid on the project. On May 9, 2018, IEUA released an invitation for bid to the eligible contractors through *PlanetBids*. Six out of the nine prequalified contractors participated in the job walk on May 17, 2018.

On July 12, 2018, the following bids were received:

Bidder's Name	Total Price
T.E. Roberts, Inc.	\$ 2,023,600
SCW Contracting Corp.	\$ 2,140,411
Ferreira Construction Co.	\$ 2,342,285
W.A. Rasic Construction	\$ 2,473,188
Norstar Plumbing and Engineering, Inc.	\$ 3,613,000
<b>Engineer's Estimate</b>	<b>\$2,000,000</b>

T.E. Roberts, Inc., was the lowest responsible responsive bidder with a bid price of \$ 2,023,600. T.E. Roberts was pre-qualified by IEUA by presenting the required experience on performing similar projects with other utilities and cities showing good workmanship and responsiveness. T.E. Roberts' 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:

Description	Estimated Cost
<b>Design Services</b>	<b>\$395,685</b>
Project Development	\$76,900
Design Consultant	\$237,785
IEUA Design Services	\$81,000
<b>Construction Services</b>	<b>\$235,437</b>
Design Consultant Construction Services	\$80,437
IEUA Construction Services	\$155,000
<b>Construction</b>	<b>\$2,123,600</b>
Construction Contract	\$2,023,600
Contingency (~5%)	\$100,000
<b>Total Project Cost:</b>	<b>\$2,754,722</b>
<b>Total Project Budget:</b>	<b>\$2,756,637</b>

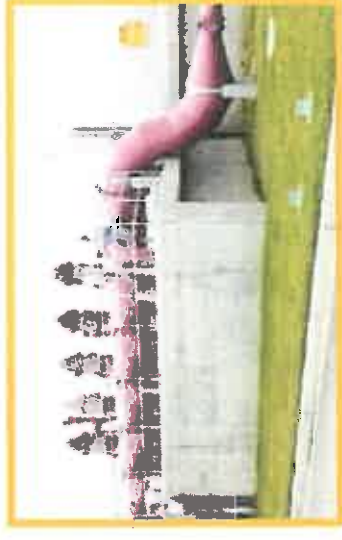
The following is the anticipated project schedule:

Project Milestone	Date
Construction Contract Award	September 2018
Construction Completion	September 2019

The RP-5 RW Pipeline Bottleneck Project is consistent with *IEUA's Business Goal of Water Reliability*, specifically the RW objective that IEUA will maximize the use of RW to enhance regional water reliability.

# RP-5 Recycled Water Pipeline Bottleneck Construction Contract Award

Project No. EN14043



# Regional Water Recycling Plant No. 5 Project Location





# The Project

- Maximize recharge and beneficial use of RW and eliminate RW system hydraulic limitations
- Piping system surge protection
- Install a new surge control system
- Replace all buried RW isolation valves and install additional valves in strategic locations
- Upgrade pressure regulating valves and flow meters
- Install a new wetwell access hatch for maintenance
- Funded by California Clean Water State Revolving Fund Program



RW Pipe Rupture Repair Due to Surge

# Contractor Selection

Five bids were received on July 12, 2018:

## Bids Received

Bidder's Name	Total
T.E. Roberts, Inc.	\$ 2,023,600
SCW Contracting Corp.	\$ 2,140,411
Ferreira Construction Co.	\$ 2,342,285
W.A. Rasic Construction Company, Inc.	\$ 2,473,188
Norstar Plumbing and Engineering, Inc.	\$ 3,613,000
Engineer's Estimate	\$ 2,000,000

# Project Budget and Schedule

Description	Estimated Cost	Project Milestone	Date
<b>Design Services</b>	<b>\$395,685</b>	<b>Construction</b>	
Project Development	\$76,900	Construction Contract Award	August 2018
Design Consultant	\$237,785	Construction Completion	August 2019
IEUA Design Services	\$81,000		
<b>Construction Services</b>	<b>\$235,437</b>		
Design Consultant Construction Services	\$80,437		
IEUA Construction Services (~7.5%)	\$155,000		
<b>Construction</b>	<b>\$2,123,600</b>		
Construction Contract	\$2,023,600		
Contingency (5%)	\$100,000		
<b>Total Project Cost:</b>	<b>\$2,754,722</b>		
<b>Total Project Budget:</b>	<b>\$2,756,637</b>		



## Recommendation

It is requested that the Regional Committees recommend to the IEUA Board of Directors to award the construction contract for the RP-5 Recycled Water Pipeline Bottleneck, Project No. EN14043, to the lowest responsive and responsible bidder, T.E. Roberts.

The RP-5 Recycled Water Pipeline Bottleneck Project is consistent with **IEUA's Business Goal of Water Reliability**, specifically the Recycled Water objective that IEUA will maximize the use of recycled water to enhance regional water reliability.

**INFORMATION  
ITEM**

**2A**

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Date: August 30, 2018  
To: Regional Technical Committee  
From: Inland Empire Utilities Agency  
Subject: Pretreatment Discharge Standards

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### **RECOMMENDATION**

This is an informational item on the Regional Pretreatment Program Discharge Standards for the Regional Technical Committee to receive and file.

### **BACKGROUND**

In May, the IEUA Board adopted Resolution No. 2018-5-1 which established local limits applicable to the Regional Sewerage System Significant Industrial Users (SIUs). Resolution No. 2018-5-1 rescinded Resolution No. 2006-11-4, in its entirety. During the July 2018 Technical Committee, the previous month's pretreatment subcommittee minutes were pulled for discussion as several of the contracting agencies raised concerns regarding the rescission of Resolution 2006-11-4, which also rescinded the "Point of Connection Standards" (Standards) applicable to the "Exhibit A" connection points in the regional sewage system. The contracting agencies noted that some standards, such as Oil & Grease, are currently being applied as limits for their non-SIUs and Food Service Establishments (FSE). In certain cases, the Standards themselves have been adopted as limits into the contracting agencies' Municipal Code or Wastewater Ordinance. The contracting agencies are questioning the validity and enforceability of their non-SIU and FSE permit limits as the Standards from Resolution 2006-11-4 have been rescinded.

During the August Pretreatment Subcommittee meeting, contracting agency representatives expressed the need to maintain region wide standards or limits for non-SIUs and FSEs. There was discussion that since the Oil & Grease limit was rescinded, there would be a higher potential for sewer system overflows caused by non-SIUs and FSEs. IEUA explained that the Standards were based on outdated NPDES limits for the IEUA treatment plants that are no longer in place. The Oil & Grease standard itself was a carryover from a 1977 EPA guidance document. Therefore, the Standards are not technically based and could be legally challenged if implemented as a limit in any permit issued by a contracting agency.

IEUA maintains the position that the Standards were rescinded correctly as part of the current local limits adoption and any concerns for Oil & Grease can be addressed as part of a narrative standard, general prohibition, or inclusion of Best Management Practices in a contracting agency Wastewater Ordinance. IEUA proposes to continue the discussion with the pretreatment subcommittee in September to come up with a solution that will work for each of the contracting agencies source control programs.

**RECEIVE AND  
FILE**

**3A**



## **Regional Sewerage Program Policy Committee Meeting**

### **AGENDA**

**Thursday, September 6, 2018**

**4:00 p.m.**

#### **Location**

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

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#### **Call to Order and Roll Call**

#### **Pledge of Allegiance**

#### **Public Comment**

#### **Changes/Additions/Deletions to the Agenda**

#### **1. Technical Committee Report (*Oral*)**

#### **2. Action Item**

- A. Meeting Minutes for August 2, 2018
- B. RP-5 RW Pipeline Bottleneck Construction Contract Award

#### **3. Informational Items**

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

#### **4. Receive and File**

- A. Building Activity Update
- B. Recycled Water Distribution – Operations Summary
- C. Septic to Sewer Feasibility Study
- D. Kearns & West Preliminary Negotiation Schedule

#### **5. Other Business**

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting – October 4, 2018

**6. Adjournment**

**DECLARATION OF POSTING**

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I, Laura Mantilla, Executive Assistant of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of this agenda has been posted to the IEUA Website at [www.ieua.org](http://www.ieua.org) and posted in the foyer at the Agency's main office at 6075 Kimball Avenue, Building A, Chino, CA, on Thursday, August 23, 2018.

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Laura Mantilla

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FILE**

**3B**

# 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

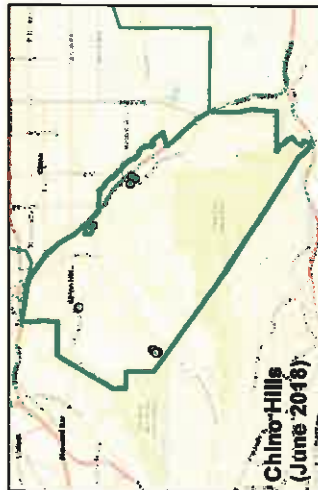
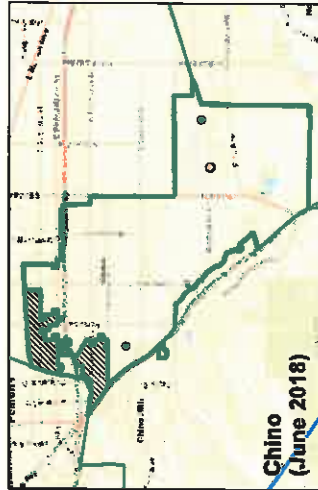
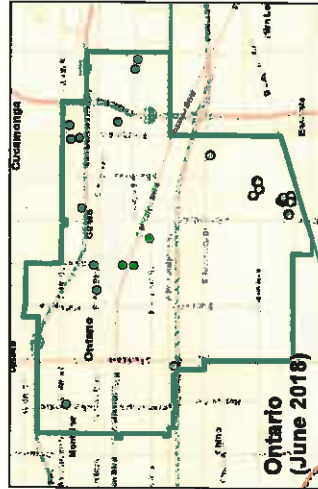
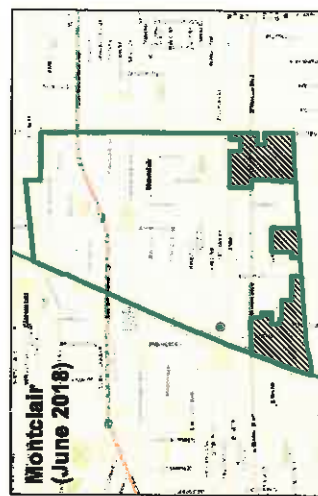
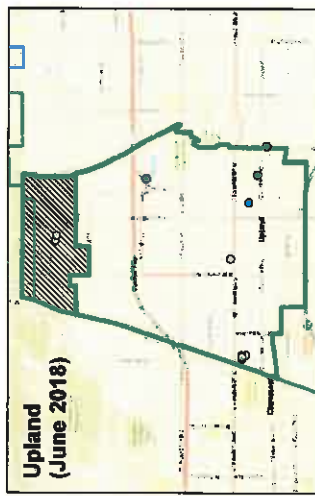
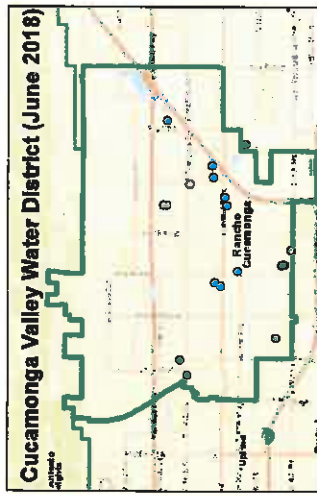
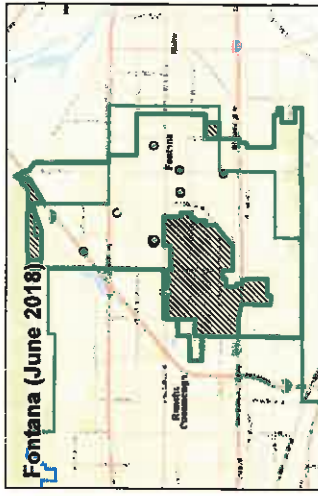
- ≤1.0
- 1.0 - 10.0
- >10.0

## HALF MILE GRID: TOTAL EDU's (YTD)



## TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Cooperating Agency	YTD Actual			Residential	
	Residential (EDU)	Commercial (EDU)	Industrial (EDU)	Total (EDU)	Total (EDU)
Chino	1185	68	1	1254	725
Chino Hills	290	35	0	325	702
CVWD	1173	201	10	1383	364
Fontana	438	60	0	498	960
Montclair	251	13	0	264	115
Ontario	1115	375	42	1532	2350
Upland	126	60	0	186	226
Total	4558	612	53	5223	5442

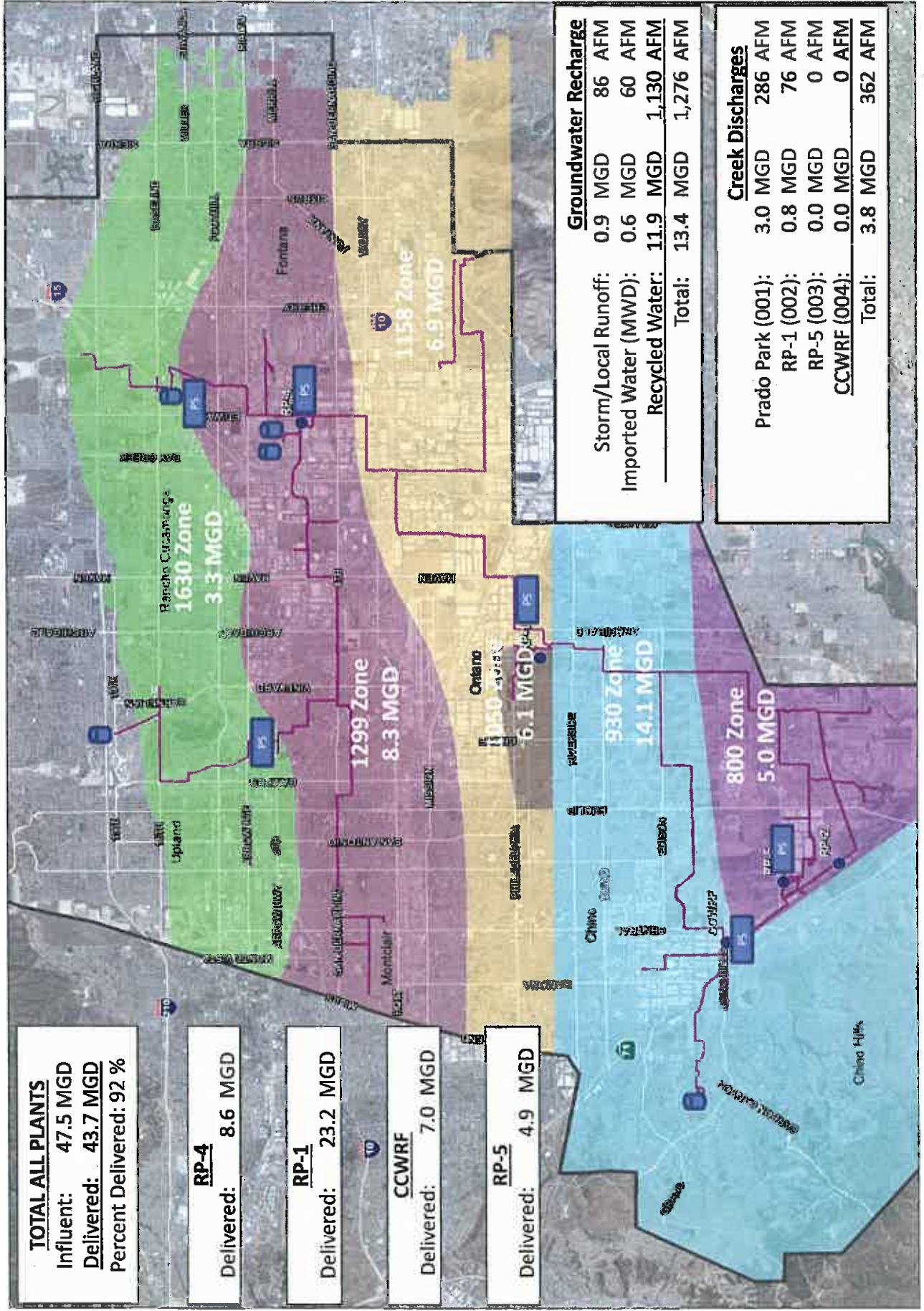




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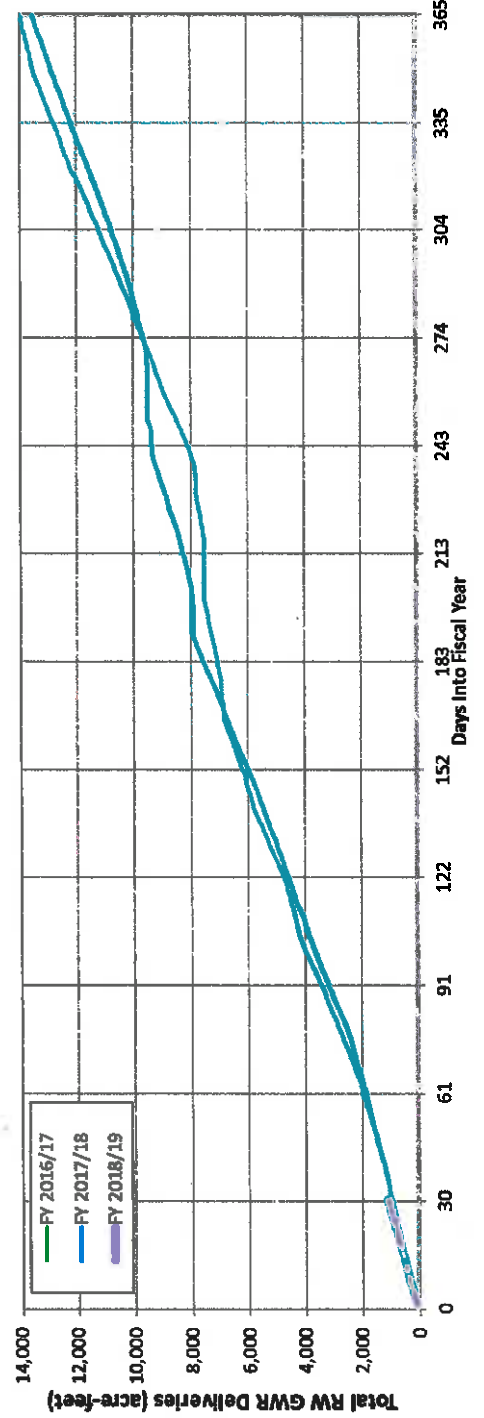
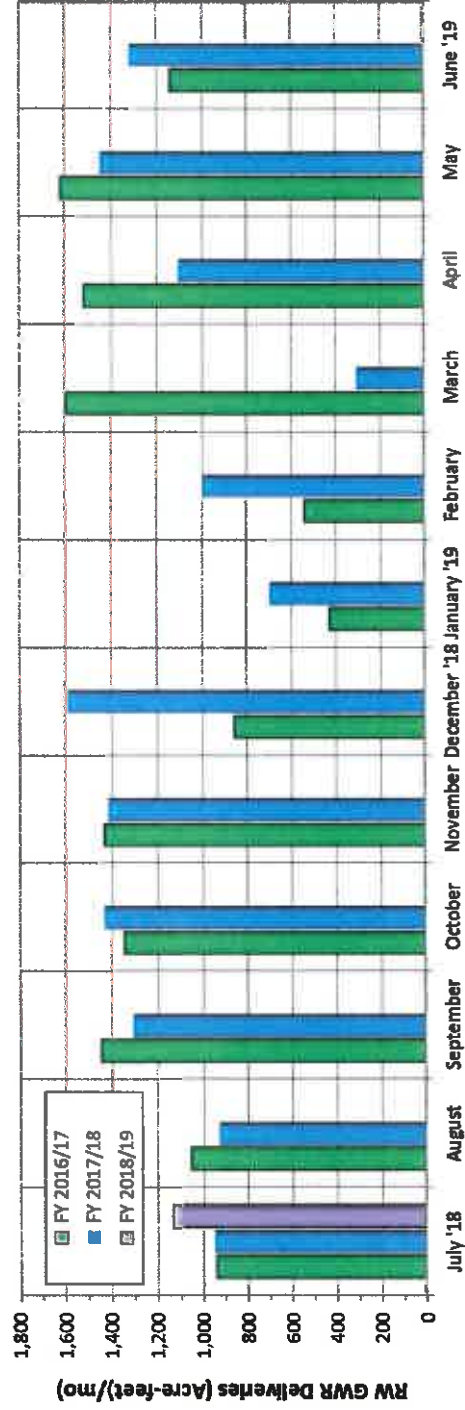
**3C**

# IEUA RECYCLED WATER DISTRIBUTION – JULY 2018



Recycled Water Recharge Actuals / Plan - July 2018 (Acre-Feet)

Basin	7/1-7/7	7/8-7/14	7/15-7/21	7/22-7/31	Month Actual	FY To Date Actual	Deliveries are draft until reported as final.
Ely	38.2	40.6	51.2	80.3	218.3	218	
Banana	35.5	0.0	53.6	63.8	152.9	153	
Hickory	0.0	0.2	14.6	3.8	18.6	19	
Turner 1 & 2	20.6	10.5	20.7	19.1	70.9	97	
Turner 3 & 4	23.8	2.1	0.0	0.0	25.9	98	
3th Street	3.2	37.7	12.8	43.8	97.5	1	
Brooks	1.3	0.0	0.0	0.0	1.3	1	
RP3	84.8	40.8	23.2	33.2	181.9	162	
Dodaz	48.4	48.4	70.0	113.1	277.8	278	
Victoria	36.1	41.4	10.5	16.5	104.5	105	
San Sevaline	0.0	0.0	0.0	0.0	0.0	0	
Total	269.8	221.6	256.6	381.7	1,129.7	1,130	952 AF previous FY to day actual



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# IEUA Bill Matrix

Last Updated 8-13-18

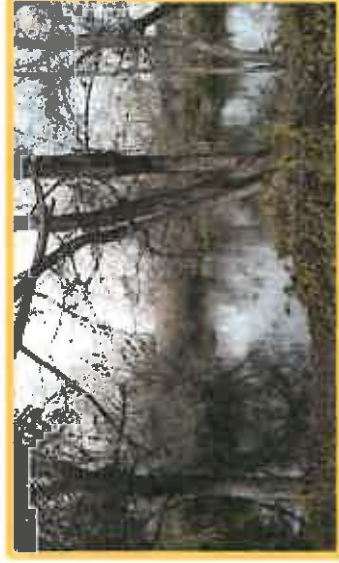
Year	IEUA Action	Bill No.	Author	Bill Name	Final Status	Comments
2017	Support	<u>Prop 68</u> <u>(SB 5)</u>	de León, (D- Los Angeles)	Water Bond	Passed on the primary ballot on June 5, 2018	Joined Californians for Clean Water and Safe Parks Coalition - Prop 68 (2/18)
2018	Support	<u>SB 606</u>	Hertzberg, (D- Van Nuys)	Water Management Planning	Signed by the Governor	Approved by the IEUA Board in May 2018
2018	Support	<u>AB 1698</u>	Friedman, (D- Glendale)	Water Management Planning		
2018	Support	<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	Oppose	<u>SB 623</u>	Manning, (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	Support	Water Bond	Jerry Meral	Water Supply and Water Quality Act of 2018	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	Watch	<u>AB 269Z</u>	Gallagher (R- Chico)	Idled Ag Land and Water Transfers	-	Signed on to MWD Coalition. Opposition has been pulled.
2018	Oppose	<u>SB 998</u>	Dodd (D-Napa)	Discontinuation of residential water service: urban and community water systems	-	Concerns for planning agencies
2018	Watch	<u>AB 244Z</u>	Reyes (D-Grand Terrace)	CEQA	-	CASA Opposed
2018	Watch	Potential <u>Budget Trailer Bill</u>	Administration	Water quality: Safe and Affordable Drinking Water Fund	-	Budget trailer bill language to require that retail water providers invoice and collect a "voluntary donation" from each customer. Retail customers can choose to "opt out" by adjusting their payment to the water provider.

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# Septic to Sewer Feasibility Study Update



# Project Update

- **Septic System Parcels and Project Grouping**

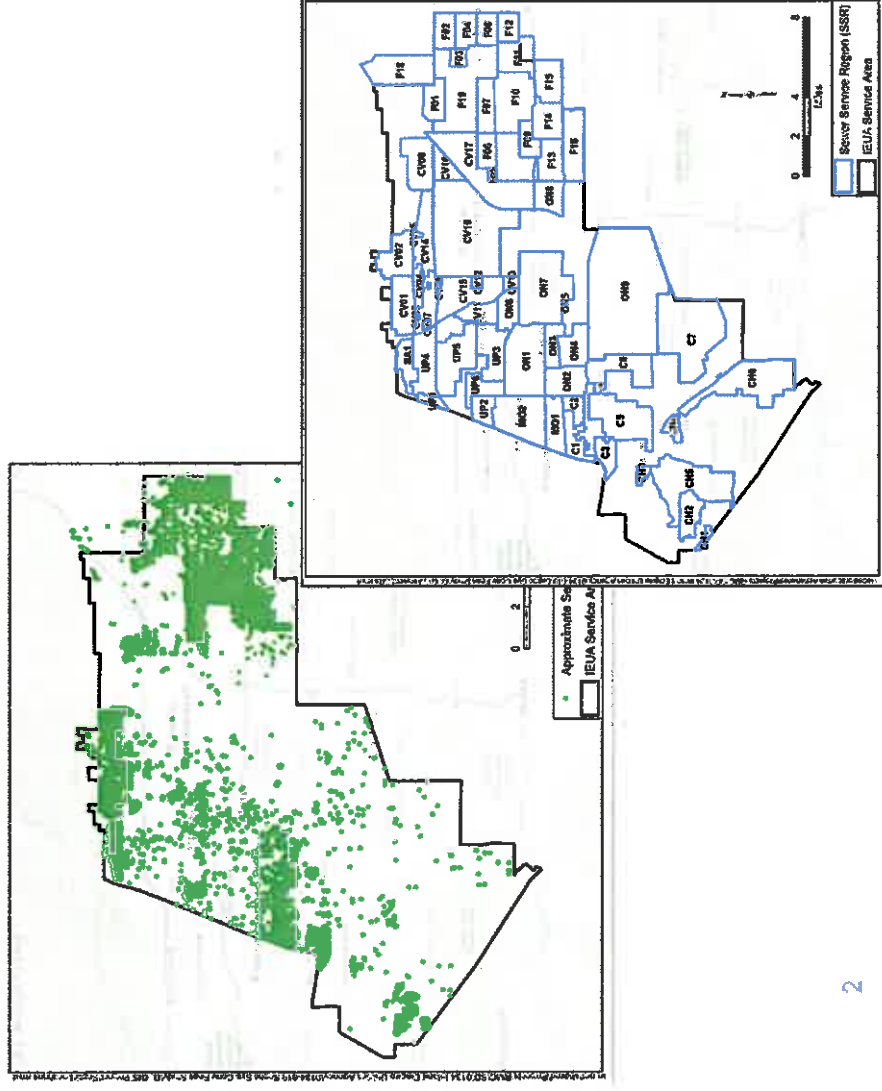
- 21,800 septic system parcels
- Residential: 18,000 parcels

- **Prioritization of Projects**

- Cost estimates generated for each contracting agency

- **Grant Funding Opportunities**

- Prop 1 Groundwater Grant Program





# Project Update – Cost Summary

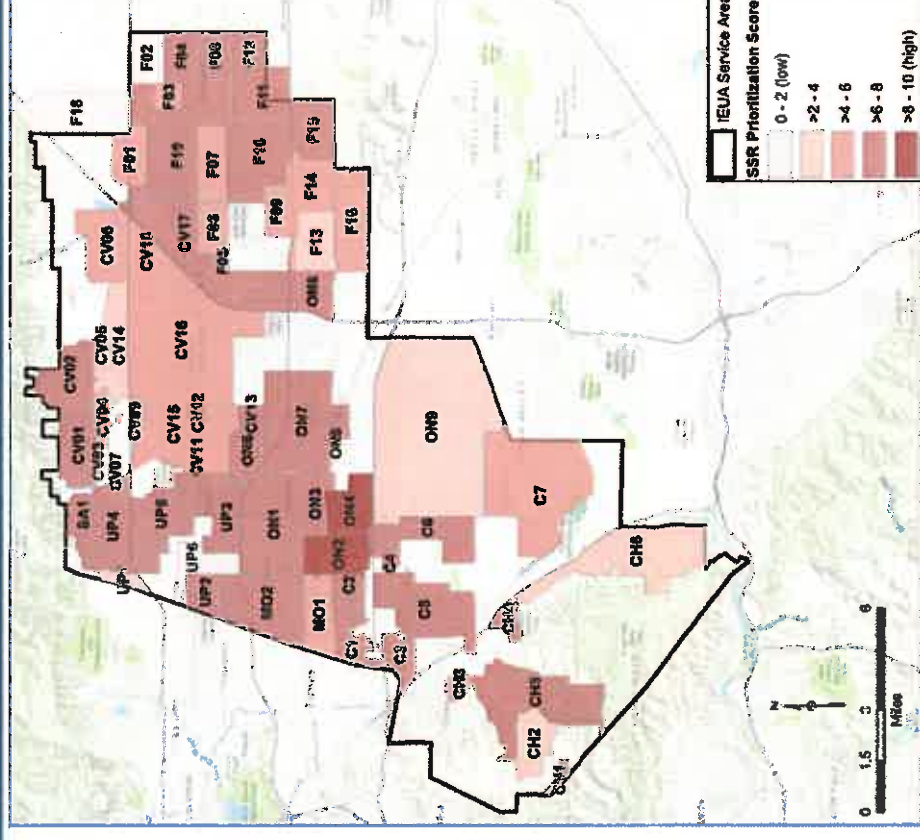
	Chino	Chino Hills	CVWD	Fontana	Montclair	Ontario	Upland*
# of Septic Systems	1,895	689	4,666	11,766	510	661	1,617
Sewer Lines (LF)	128,800	84,676	375,154	639,625	24,674	116,237	95,295
Estimated Capital Cost (\$M)	\$88	\$57	\$236	\$497	\$19	\$89	\$69
Connection Fees (\$M)**	\$13	\$4	\$35	\$64	\$2	\$4	\$11
Total Estimated Cost (\$M)	\$101	\$62	\$271	\$561	\$21	\$94	\$80
Estimated Cost/Septic Tank	\$53,000	\$90,000	\$58,000	\$48,000	\$41,000	\$142,000	\$49,000

\* Includes San Antonio Heights

\*\* Includes IEUA Connection Fees (post-1979) and Contracting Agency Sewer Impact Fees

# Contracting Agency Workshop

- Draft Feasibility Study to Contracting Agencies – April 6, 2018
- Workshop with RMC and Contracting Agencies – May 9, 2018
  - Contracting Agency participation and comments
  - Prioritization comments and review
- Finalization of Feasibility Study
  - Implementation of comments – June 2018
  - Distribution of final study – August 2018
  - Provide support to Contracting Agencies as requested



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**REGIONAL SEWERAGE PROGRAM  
PRETREATMENT SUBCOMMITTEE**

August 7, 2018  
1:30 PM  
IEUA HQ Building B, Adobe Conference Room  
6075 Kimball Avenue  
Chino, CA 91710

**Minutes**

**Members Present**

Andy Zummo.....	City of Chino Hills
Nicole deMoet.....	City of Montclair
Robert Herbster.....	City of Upland
Craig Proctor.....	IEUA

**Conference Call**

Praseetha Krishnan.....	CVWD
Tony Mata.....	City of Fontana

**Others Present**

Noel Castillo.....	City of Montclair
Wendy Hsiao.....	City of Ontario
Ken Tam.....	IEUA
Michael Barber.....	IEUA

**1. Introductions**

Introductions of those present were given.

**2. Informational Items & Updates**

**a. Tech Meeting Report**

- The Technical Committee approved the contract award for the RP-1 Electrical Upgrades construction contract.
- The Kearns and West facilitation team updated the Regional Technical Committee on the upcoming Regional Contract negotiation meetings.
- IEUA Operations staff provided an overall update of operations at the IEUA water recycling facilities.

- Tech Committee Chair requested that the Receive and File Item from the previous pretreatment committee meeting be pulled for discussion. Specifically, the matter discussed was regarding the adoption of the new local limits resolution and the rescission of the previous local limits resolution. The concern from the Technical Committee was the discharge standards in the rescinded local limits resolution. IEUA staff explained the history behind the discharge standards and suggested that a Pretreatment Committee meeting be held to discuss the matter.

b. Treatment Plants

RP-1/RP-4:

- RP-1/RP-4 met all the NPDES requirements during the month of June 2018.
- On May 5 and May 14, 2018, RP-4 effluent grab samples collected and tested for total coliform had confirmed results of 39.9 and 155.3 MPN/100 mL, respectively. The NPDES permit specifies that "the number of total coliform bacteria shall not exceed an MPN of 23 total coliform bacteria per 100 mL in more than one sample in any 30-day period."

RP-5:

- RP-5 met all the NPDES requirements during the months of May and June 2018.

CCWRF:

- CCWRF met all the NPDES requirements during the months of May and June 2018.

Agency-wide:

- The Agency-Wide 12-month running average TDS for the months of May and June 2018 were 463 and 465 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 May and June 2018 were both 202 mg/L, which did not exceed the 250 mg/L Agency-wide 12-month running average limit.

Collections System:

- No SSOs occurred during the months of May and June 2018.

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 May and June 2018.
- No agricultural runoff events were reported to IEUA by member agencies during the months of May and June 2018.

c. Pretreatment Programs

Amphastar Pharmaceuticals, Inc., in the City of Rancho Cucamonga was issued a Notice of Violation and Order for Corrective Action in August for exceeding the permitted federal daily and monthly average discharge limit for Acetone in July. Results of industries investigation is pending.

Forbes Industries in the City of Ontario was issued a Notice of Violation and Order for Corrective Action (NOV/OCA) in July for exceeding the permitted federal monthly average discharge limit for zinc in February. Forbes Industries failed to respond to the July NOV and will be issued a second NOV. Results of industries investigation is pending.

Coca-Cola North America Ontario Syrup Plant in the City of Ontario was issued a Notice of Violation and Order for Corrective Action (NOV/OCA) in June for exceeding the permitted local daily discharge limit for TDS in May. Subsequent monitoring for TDS indicates compliance. No further enforcement action necessary.

Western Metals Decorating in the City of Rancho Cucamonga was issued a Notice of Violation and Order for Corrective Action in August for exceeding the permitted federal monthly average discharge limit for Chromium in April. Enforcement action is pending.

3. Discussion Items

a. Dental Amalgam Rule

IEUA updated the committee on the status of the inventory lists of active dental offices. It is IEUA's goal to have the one-time dental compliance certification form mailed to all dental offices within the next few months. The City of Ontario has already sent the one-time certifications and FAQ Sheet to the dental offices located within their City. As previously noted, City of Chino and the CVWD would like to take the lead notifying the dental offices in their service area. As previously requested by IEUA, all member agencies need to continue to provide information on any new dental facilities that locate within their service area.

b. Local Limits

In May, the IEUA Board adopted Resolution No. 2018-5-1 establishing local limits applicable to the Regional Sewerage System Significant Industrial Users (SIUs). Key changes to the local limits included more stringent limits for chromium, copper, lead, nickel and zinc. The method for TDS analysis was also changed to TDS by summation. With the adoption of the local limits, Resolution No. 2006-11-4 was rescinded in its entirety. This has created a concern for some of the member agencies because this latest revision removed "Point of Connection Standards" (Standards) applicable to the "Exhibit A" connection points in the regional sewage system. Member agencies are currently applying some of the Standards as limits for their non-SIUs and Food Service Establishments (FSE). Further these limits have been incorporated into their City's Municipal Code. By removing the Standards from the IEUA local limit resolution there is concern that limits incorporated into permits issued by the member agencies are no longer enforceable.

IEUA staff gave a brief history of how the regions pretreatment program has evolved over the years noting that prior to 2006, each member agency managed their own pretreatment program. This included permitting industries and developing local limits specific to their service area. The member agencies local limits were derived from IEUA's Exhibit A Point of Connection Limits. In 2003, a pretreatment compliance audit conducted by the EPA and Regional Water Quality Control Board (RWQCB) required IEUA, as the Control Authority, to obtain pretreatment program approval and serve as lead agency for the pretreatment program within the IEUA service area. In 2006, IEUA obtained pretreatment program approval which subsequently meant the member agencies pretreatment programs were invalidated. As part of the approval process, IEUA elected to only permit SIUs within the service area, allowing non-SIUs to be managed by the member agencies source control programs. The revised local limits applicable to SIUs were also approved during this process, and the Exhibit A Point of Connection Limits were changed to "Discharge Standards". The intent of the revision was that monthly sewer trunk line monitoring conducted by the member agencies at the Exhibit A connection points could be used to monitor and trend the current wastewater conditions in the Regional System.

In 2009, the pretreatment committee had lengthy discussions on the Exhibit A monitoring practices. Committee members felt the monitoring was antiquated and questioned the validity of analysis locations, frequency, methods and cost. As a result of the discussions, the Regional Technical Committee approved a temporary suspension of all Exhibit A monitoring with the caveat that in the event of a slug load to one of the IEUA treatment plants, IEUA would cooperatively assist the member agencies with upstream tracking until the source is located or the incident ceases. This practice continues to date.

Discussion ensued on how best to ensure compliance for agencies that continue to permit their non-SIUs and FSEs. Some member agencies believe that IEUA should have kept Exhibit A Connection Point Standards in the current local limit resolution or adopt new standards. IEUA staff expressed concern that the old standards are no longer technically defensible as they were based on NPDES discharge limits that no longer exist. Specifically, the reference to the 100 mg/L oil and grease standard was taken from an EPA guidance document developed in 1977. While no consensus was reached, it was agreed that this topic will need further discussion at the next pretreatment committee meeting in September.

#### Other Items

On July 17, 2018, IEUA operations staff notified the IEUA pretreatment group that a slug of bright green wastewater entered RP-1 through the East leg influent trunk line. While the slug did not affect the influent pH or EC it was large enough to discolor secondary treatment system flows. The color was removed through chlorination process. As the slug load had already passed through the collection system by the time pretreatment was notified a source was not identified.

The next pretreatment meeting is tentatively scheduled for September 4, 2018.

The meeting adjourned at 2:33 p.m.



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## Laura Mantilla

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**From:** Terra Alpaugh <talpaugh@kearnswest.com>  
**Sent:** Tuesday, August 14, 2018 3:10 PM  
**To:** Chelsea Cullen; Coker, Amanda; jalire@cityofchino.org; tmata@fontana.org; Chris Berch; Crosley, Dave; rhoerning@ci.upland.ca.us; hnguyen@ci.upland.ca.us; KGienger@ontarioca.gov; JRomero@ontarioca.gov; sburton@ontarioca.gov; ndemoet@cityofmontclair.org; aphillips@cityofmontclair.org; Craig Proctor; Laura Mantilla; kmorris@fontana.org; Sylvie Lee; ronc@mbakerintl.com; nmajaj@chinohills.org; JohnB@cvwdwater.com; Gloria Rivera; mprudnica@gmail.com; dennis@diemerengineering.com; Noel Castillo; Chuck Hayes; Michael Harty; Halla Razak; matencio@fontana.org; cjjones@ontarioca.gov; Kati Parker; EduardoE@cvwdwater.com; mwiley@chinohills.org  
**Subject:** [SCN] Sewage Contract Negotiation Action Items

Hi all –

**Below are the action items** we recorded from the first round of contract negotiation meetings last week. Please let me know if you feel I've missed or mischaracterized anything.

You'll note that I've branded this email "SCN" for "Sewage Contract Negotiations." I will label all emails going forward with this acronym to make them more easily searchable.

*Please look for additional items from me over the next few days, which will include (1) a revised Terms of Reference Document, (2) a link to a Google Docs folder in which we're beginning to assemble project related materials, and (3) a meeting summary of last week's discussions. **Thank you for your patience as we get organized!***

### Action Items for 8/8 and 8/9 Sessions

#### • - **Contract Agencies:**

- o Confirm with your IT departments that Google Docs is OK; notify Terra immediately if you will not be able to access documents via Google Docs.
- o Provide additional edits to Terms of Reference document by ~~FRIDAY Aug 17~~ **COB. TUESDAY AUG 21 COB** (date revised).
- o Review Terms of Reference document internally in advance of Aug 22/23 sessions in preparation for signing.

#### • - **KW:**

- o Plan to provide report back to Policy Committee on proposed schedule and materials to date at September 6 meeting.
- o Put negotiating session's topics in the subject line of the meeting invite.
- o Distribute materials on Thursdays rather than Fridays when possible due to agency schedules.
- o Set up Google Docs (or alternative) file as a central repository for relevant documents; provide a tutorial on how to use.
- o Make edits to Terms of Reference (TOR) document and circulate fresh copy by 8/13/18 (Note: this is forthcoming!). Edits include:
  - § Under term sheet section, adding that it would be non-binding unless sent to governing body
  - § Addressing importance of access to data consistent with confidentiality

§ Clarifying role of negotiating sessions vs scheduled TC meetings, how lead negotiator is described (e.g., not necessarily a TC representative)

o Continue to revise Recycled Water Scoping Document in advance of Sept 6 Policy Committee meeting.

• - **Craig Proctor/IEUA:**

o For the three RW types (delivery to customers, discharge down the river for SAR, and groundwater recharge), (1) are the levels of treatment the same, and (2) are the discharge requirements the same?

o Amend the existing "Base Entitlement" Table to include quantities of RW not associated with Contract Agencies, as well as any potential additional supplies of RW.

o Identify the source of data in "Demand Forecast" table on Slide 10 of the PPT.

o Provide a table/explanation of how/when IEUA can use accumulated additional deliveries as a credit to meet its SAR obligations.

o Provide additional background on the SAR judgment. [SAR Judgements provided by Craig P on Aug 8]

o Determine whether there are minimum river flows/environmental obligations distinct from the SAR flows. If so, what amount and time of year?

o Determine whether IEUA has a list of the reports required under the current contract (e.g. name, frequency, content).

Best,  
Terra

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