



Special Regional Sewerage Program Technical Committee Meeting

AGENDA

Thursday, January 31, 2019

4:00 p.m.

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 October 25, 2018
- B. City of Ontario Regional Connection Requests for O-95 and O-99
- C. Baseline Recycled Water Pipeline Extension – Construction Contract Award

2. Informational Items

- A. Chino Basin Program (*Oral*)
- B. Rate Study (*Oral*)

3. Receive and File

- A. Draft Regional Policy Committee Agenda
- B. Building Activity Report
- C. Recycled Water Distribution - Operations Summary
- D. Regional Sewerage Pretreatment Committee Minutes
- E. Legislative Update

4. Previous Technical Committee Items Requested

None

5. Other Business

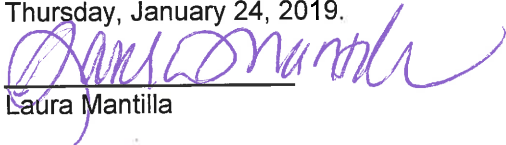
- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Regular Meeting – February 28, 2019

(Continued)

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, January 24, 2019.



Laura Mantilla

**ACTION
ITEM**

1A



Regional Sewerage Program Technical Committee Meeting MINUTES OF OCTOBER 25, 2018

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held on Thursday, October 25, 2018, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, Chino, California. Committee Chairman Noel Castillo called the meeting to order at 4:00 p.m.

ATTENDANCE

Committee Members:

Ron Craig	City of Chino Hills
Eduardo Espinoza (Alternate)	Cucamonga Valley Water District
Chuck Hays	City of Fontana
Noel Castillo	City of Montclair
Courtney Jones (Alternate)	City of Ontario
Harrison Nguyen(Alternate)	City of Upland
Halla Razak	Inland Empire Utilities Agency

ABSENT

Dave Crosley	City of Chino
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OTHERS PRESENT

Chris Berch	Inland Empire Utilities Agency
Kathy Besser	Inland Empire Utilities Agency
Shaun Stone	Inland Empire Utilities Agency
Christina Valencia	Inland Empire Utilities Agency
Pietro Cambiaso	Inland Empire Utilities Agency
Craig Proctor	Inland Empire Utilities Agency
Warren Green	Inland Empire Utilities Agency
Michael Dias	Inland Empire Utilities Agency
Victoria Medinilla	Inland Empire Utilities Agency
Neetu Gupta	Inland Empire Utilities Agency

ADDITIONS/CHANGES TO THE AGENDA

There were none.

1. ACTION ITEMS**A. APPROVAL OF THE MINUTES OF AUGUST 30, 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 August 30, 2018.

Motion carried: Unanimously.

B. RP-1 1158 RECYCLED WATER PUMP STATION UPGRADES CONSTRUCTION CONTRACT AWARD

Shaun Stone/IEUA gave a presentation on the Recycled Water Pump Station Upgrades. Mr. Stone stated that a feasibility study was conducted and indicated that the current system was undersized and in need of expansion to meet pumping capacity to increase groundwater recharge. The scope would replace existing pumps and associated electrical upgrades along with coating repairs to the existing wet well structure. The total project cost is \$6.6 million. The construction contract award is for \$4.43 million. Mr. Stone then reviewed the project schedule. Staff is requesting the Committee to recommend the IEUA Board of Directors award the construction contract for the Regional Water Recycling Plant No. 1 1158 Recycled Water Pump Station Upgrades to Stanek Constructors, Inc., for \$4.43 million.

Motion: By Courtney Jones/City of Ontario and seconded by Ron Craig/City of Chino Hills to recommend to the IEUA Board of Directors to award the construction contract for the Regional Water Recycling Plant No. 1 1158 Recycled Water Pipeline Pump Station Upgrades Construction Contract Award to Stanek Constructors, Inc., in the amount of \$4,430,000.

Motion carried: Unanimously.

2. INFORMATIONAL ITEMS**A. CHINO BASIN PROJECT (PROP 1)**

Chris Berch/IEUA gave an overview on the Chino Basin Project (CBP). He discussed the past and present water portfolio and how the water supply has changed. He reviewed the diverse water portfolio, concerns with water quality, subsidence and salinity. Mr. Berch stated that the CBP is a 25-year collaboration that will provide regional and state-wide benefits. He explained the benefits to the Bay Delta and stated that the project will reduce concerns with salinity risk, subsidence and emergency response risk.

Mr. Berch stated that the overall project cost is \$385 million. The grant from Prop 1 covers 54% of the project capital cost. IEUA has applied for \$53 million in SRF loans and \$29 million in federal funding and will leverage other outside funding. The project components consist of: 1) Recycled water interties; 2) Advanced water treatment; 3) Pipeline Interconnection; and 4) Wellhead improvements. Mr. Berch then discussed the next steps and project schedule.

Mr. Berch stated that IEUA needs to get a team together to develop an MOU, a term sheet and a detailed agreement with all the parties to be able to do this by 2025 and that it will require a lot of

commitment from everyone at the table. Halla Razak/IEUA stated that this is going to set priorities for the region for many decades. The Committee members from CVWD, Fontana and Ontario member agencies stated they were interested.

B. PLANNING & ENVIRONMENTAL RESOURCES ANNUAL REPORTS

Pietro Cambiaso/IEUA discussed the trends on the 10-year Growth Forecast, Water Use, Recycled Water & Energy reports. The building activity report for FY 2017/18 totaled 5,223 equivalent dwelling units (EDUs). The forecast for the next 10 years is about 53,000 EDUs. The peak in growth will be in year 2022 at approx. 7,000 EDUs. The trend today is mostly residential in the south service area. Mr. Cambiaso reviewed the Region Water Use trend. He stated that for FY 2017/18 the water use was about 200,000 AF, 10% more than last year and a reduction of about 11% from FY 2013/14 during the drought. Mr. Cambiaso highlighted that there was an increase in imported and recycled water for FY 2016/17 compared to FY2017/18. For recycled water deliveries, there was an increase of three percent overall mostly due to direct use. The electricity usage trend report showed recycled water pumping electricity usage was consistent and increased by 3 percent over the last few years. Overall the water usage and kilo watt has been steady over the last 7 years.

C. FY 2017/18 FOURTH QUARTER BUDGET VARIANCE REPORT

Christina Valencia/IEUA provided an update on the regional wastewater and recycled water programs. The total sources of funds exceeded the budget by 19 percent, primarily from user charges, connection fees and grants and loans. The total uses of funds was under budget by 17 percent compared to the adopted budget for operating expenses, utilities and project expenses. Ms. Valencia highlighted how we track cost of service. The cost of service per EDU trends for wastewater compared to adopted rates are close to projections. She indicated the recycled water cost of service compared to adopted rates are not fully recovering the full program cost.

D. ENGINEERING QUARTERLY PROJECT UPDATES

Shaun Stone/IEUA showed a video on the following projects and reviewed project costs and project schedules: San Sevaire Basin Improvements – EN13001; Preserve Lift Station – EN13028; and RP-1 Headworks – EN14019.

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 August 2018 Building Activity Report was received and filed by the Committee.

C. RECYCLED WATER DISTRIBUTION - OPERATIONS SUMMARY

The September 2018 Recycled Water Distribution Operations Summary was received and filed by the Committee.

D. LEGISLATIVE UPDATE

No report. Legislature reconvenes in January 2019.

4. PREVIOUS TECHNICAL COMMITTEE ITEMS REQUESTED

None

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER'S UPDATE

Ms. Razak informed the Committee that Ms. Valencia will be meeting with the Finance Directors from the member agencies on November 15 to discuss rates and fees, review IEUA programs and key initiatives.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

None.

C. COMMITTEE MEMBER COMMENTS

Ms. Jones asked the status on the pretreatment standards. Craig Proctor stated it will be discussed at the meeting in January.

Ms. Jones asked if the plan check fee letter was distributed. Mr. Stone stated not yet and will send soon.

D. NEXT MEETING – NOVEMBER 29, 2018

6. ADJOURNMENT - The meeting adjourned at 5:02 p.m.

Transcribed

by:

Laura Mantilla

**ACTION
ITEM**

1B

Date: January 31, 2019

To: Regional Technical Committee

From: Inland Empire Utilities Agency *K9*

Subject: Request by the City of Ontario for Two Regional Connection Points to the Eastern Trunk Sewer (Ontario Regional Sewer Connection #O-95 & #O-99)

RECOMMENDATION

It is recommended that the Regional Technical Committee approve the request by the City of Ontario for two new connection points to the Regional System (Ontario Regional Sewer Connection #O-95 and #O-99).

BACKGROUND

In October and December 2018, IEUA received two requests from the City of Ontario (Attachments "A" and "B") for the approval of two sewer connections located in Remington Street, west of Archibald Avenue and at the intersection of Merrill Avenue and Archibald Avenue. The purpose of the connections is for the City's Colony Commerce Center East Specific Plan and Subarea 29 (Park Place) Specific Plan, respectively. Regional Connection #O-95 and #O-99 will be made to existing manholes on the 42-inch Eastern Trunk Sewer located along Remington Street and Archibald Avenue.

SUMMARY OF FLOW RATE

Ontario Regional Connection #O-95: Peak Flow Rate = 0.266 MGD
Ontario Regional Connection #O-99: Peak Flow Rate = 0.278 MGD

The 42-inch Eastern Trunk Sewer is designed to deliver a maximum flow rate of 37.53 MGD to the Regional Water Recycling Plant No. 5. The proposed additional flow rate of 0.544 MGD is within the remaining pipeline capacity of 21.37 MGD.

CITY OF



ONTARIO

ONTARIO MUNICIPAL UTILITIES COMPANY

PAUL S. LEON
MAYOR

ALAN D. WAPNER
MAYOR PRO TEM

JIM W. BOWMAN
DEBRA DORST-PORADA
RUBEN VALENCIA
COUNCIL MEMBERS

October 25, 2018

SCOTT OCHOA
CITY MANAGER

SHEILA MAUTZ
CITY CLERK

JAMES R. MILHISER
TREASURER

SCOTT BURTON
UTILITIES GENERAL MANAGER

Ms. Liza Munoz
Senior Engineer
Inland Empire Utility Agency
6075 Kimball Avenue
Chino, CA 91710

Dear Ms. Munoz:

Subject: Request for Regional Sewer Connection to the Eastern Trunk Sewer located in Remington St.

The City of Ontario is hereby requesting a new Regional Point of Connection for the City's Colony Commerce Center East Specific Plan - Planning Area #1 & #2.

The City is proposing to connect a new 12-inch sewer line to the Eastern Trunk Sewer (ETS) at Manhole #16 within Remington Street west of Archibald Avenue (per IEUA drawing #D4639-013, RP-1 Bypass Sewer Project No. PL02012 Segment 1 at station 112+39.52). The connection will be to an existing 12-inch VCP sewer stub on the northern side of Manhole #16.

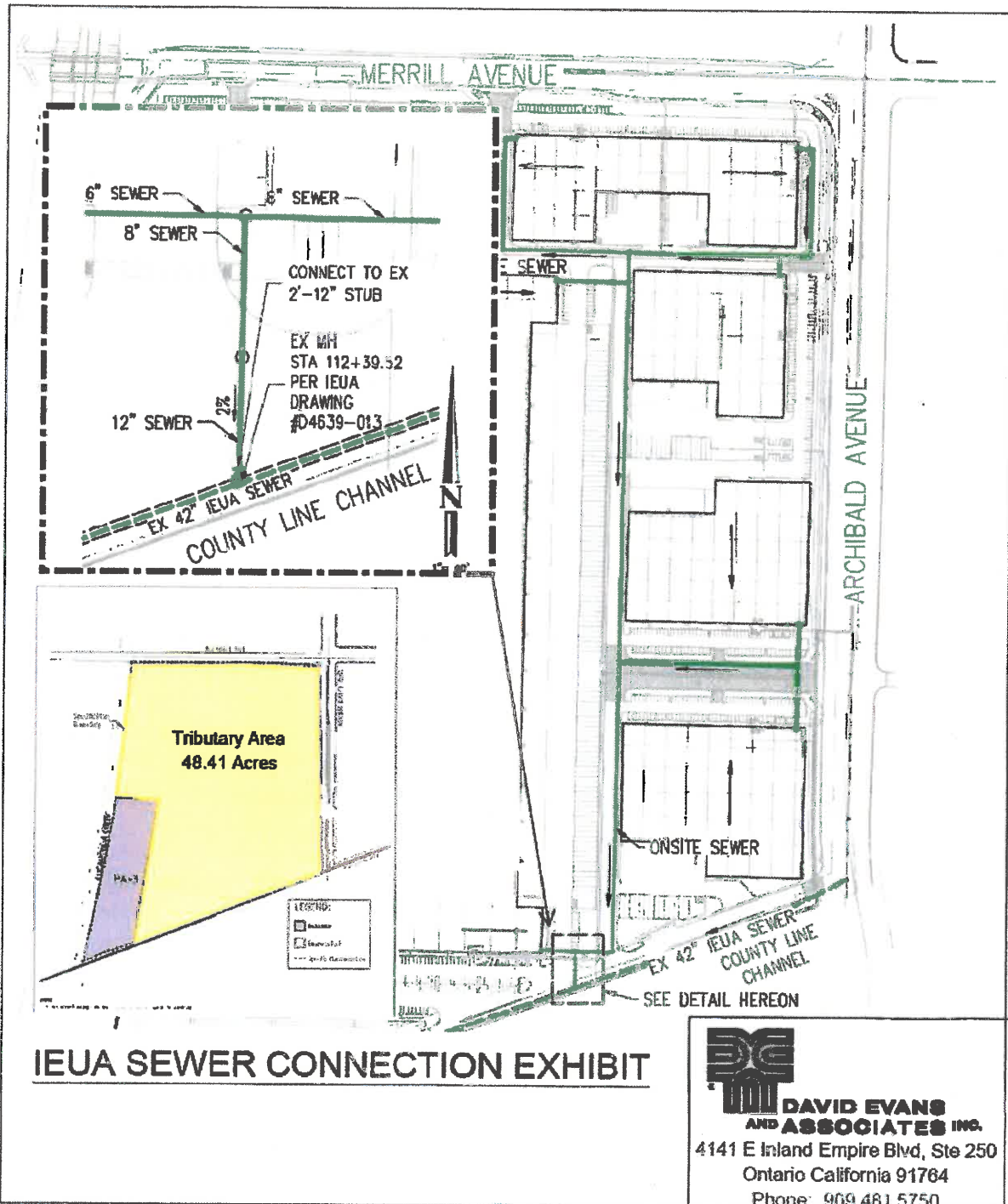
This proposed connection is for new development, which was included in the City of Ontario's Sewer Master Plan and is consistent with the terms of the Eastern Trunk Sewer Agreement between the City and IEUA.

The total ultimate estimated Average Dry Weather Flow (ADWF) is 0.111688 mgd and Peak Dry Weather Flow (PDWF) is 0.266193 mgd. This is based on the City's current Sewer Master Plan Demand Factors and peaking formula $[PDWF = 2.0 (ADWF)^{0.92}]$.

If you should need any further information, please contact Ahmed Aly at (909) 395-2657.

Sincerely,

Dennis Mejia, P.E.
Utilities Engineering Director



CITY OF



ONTARIO

ONTARIO MUNICIPAL UTILITIES COMPANY

PAUL S. LEON
MAYOR

ALAN D. WAPNER
MAYOR PRO TEM

JIM W. BOWMAN
DEBRA DORST-PORADA
RUBEN VALENCIA
COUNCIL MEMBERS

December 19, 2018

SCOTT OCHOA
CITY MANAGER

SHEILA MAUTZ
CITY CLERK

JAMES R. MILHISER
TREASURER

SCOTT BURTON
UTILITIES GENERAL MANAGER

Ms. Liza Munoz
Senior Engineer
Inland Empire Utility Agency
6075 Kimball Avenue
Chino, CA 91710

Dear Ms. Munoz:

Subject: Request for Regional Sewer Connection to the Eastern Trunk Sewer located in Archibald Avenue at Merrill Avenue from the west.

The City of Ontario is hereby requesting a new Regional Point of Connection for Planning Area #1 & #2 of the City's Subarea 29 (Park Place) Specific Plan.

The City is proposing to connect a new 8-inch sewer line to the Eastern Trunk Sewer (ETS) at Manhole #24 within Archibald Avenue from the west side of Merrill Ave (per IEUA drawing #D4639-017, RP-1 Bypass Sewer Project No. PL02012 Segment 1 at station 138+64.84). The connection will require reconstructing the manhole to abandon an existing 12-inch VCP sewer stub and adding a new drop 8-inch stub on the western side of Manhole #24.

This proposed connection is for new development, which was included in the City of Ontario's Sewer Master Plan and is consistent with the terms of the Eastern Trunk Sewer Agreement between the City and IEUA.

The total ultimate estimated Average Dry Weather Flow (ADWF) is 0.117200 mgd and Peak Dry Weather Flow (PDWF) is 0.278255 mgd. This is based on the City's current Sewer Master Plan Demand Factors and peaking formula $[PDWF = 2.0 (ADWF)^{0.92}]$.

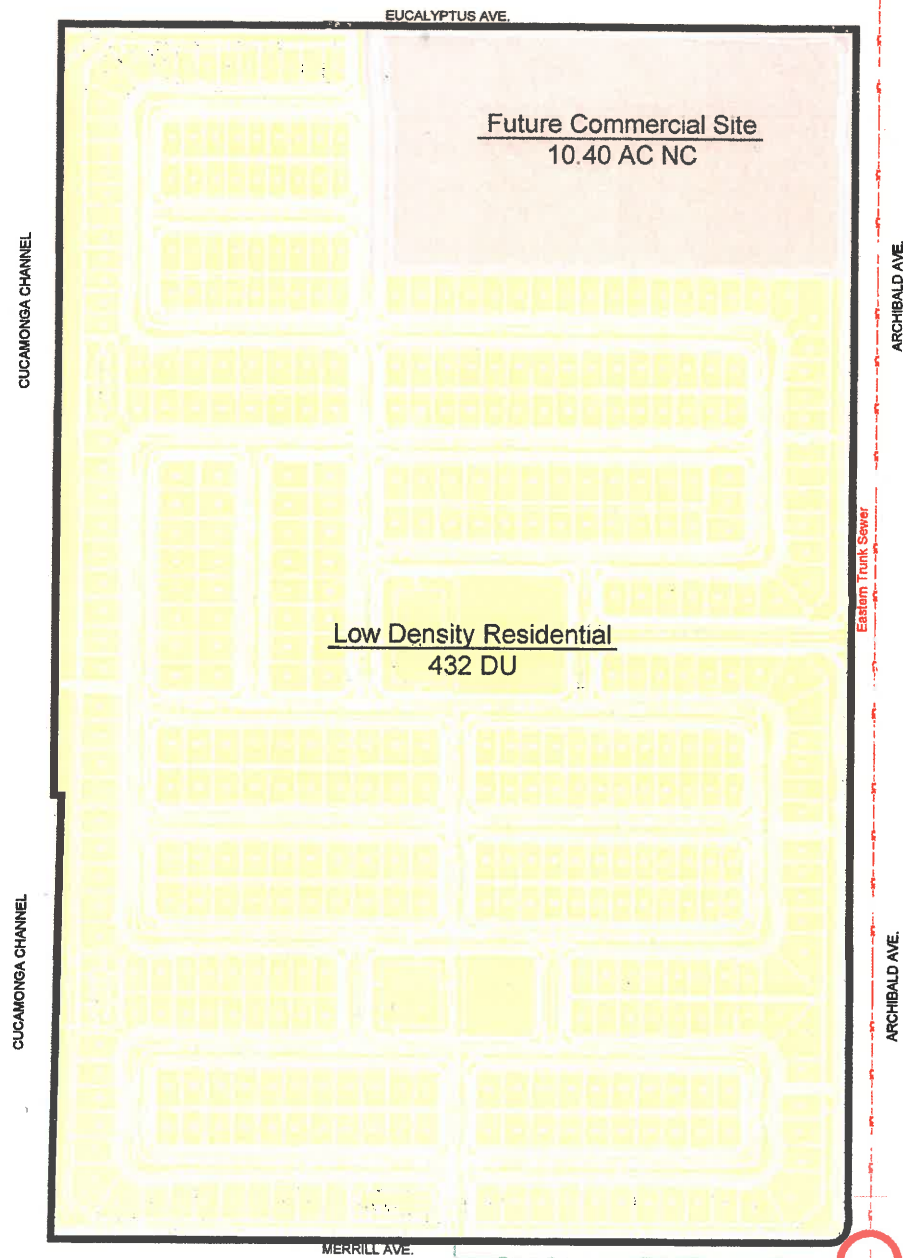
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Sincerely,

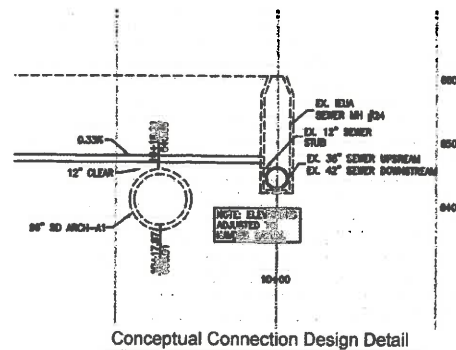
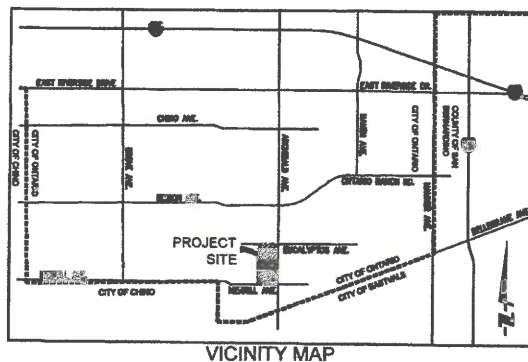
Dennis Mejia, P.E.
Utilities Engineering Director

Exhibit 1

Proposed IEUA Regional Connection Tributary Area



Proposed POC MH#24 Sta. 138+64.84 DWG NO D-4639-17



**ACTION
ITEM**

1C

Date: January 31/February 7, 2019

To: Regional Committees

From: Inland Empire Utilities Agency *YB*

Subject: Baseline Recycled Water Pipeline Extension Construction Contract Award

RECOMMENDATION

It is requested that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the Baseline Recycled Water Pipeline Extension, Project No. EN17049, to Trautwein Construction, Inc. in the amount of \$4,896,641.

BACKGROUND

In 2015, the Recycled Water Program Strategy (RWPS) was developed and defined several projects for implementation including the Baseline Recycled Water Pipeline Extension. The effects of the current and future drought conditions in the Chino Basin will be lessened with the implementation of this project as listed in the 2015 State Water Resources Control Board Proposition 1 State Revolving Fund program application.

The scope of work for this project is as follows:

- Installation of 8,200 linear feet of pipeline to tie into the existing 24-inch pipeline located on Baseline Avenue

This project will provide an additional 105 acre-feet of recycled water to the City of Fontana.

The Baseline Recycled Water Pipeline Extension Project is funded by a Clean Water State Revolving Fund loan and a \$2.5 million principal forgiveness grant; thereby funding more than 50% of the construction with grant funds.

On October 30, 2018, a request for bids was advertised on *Planet Bids* to seven prequalified contractors. Five of the seven prequalified contractors participated in the pre-bid meeting held on November 6, 2018.

On December 20, 2018, the following bids were received:

Bidder's Name	Total Price
Trautwein Construction, Inc.	\$4,896,641
E.J. Meyer	\$5,222,222
Norstar Plumbing and Engineering	\$5,430,000
WEKA Construction, Inc.	\$5,795,881
W.A Rasic	\$5,619,988
J.R. Filanc	\$7,240,000
Vido Artukovich	\$8,856,000
Engineer's Estimate	\$ 5,500,000

Trautwein Construction, Inc. was the lowest responsive, responsible bidder with a bid price of \$4,896,641. Trautwein Construction, 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. Trautwein Construction, 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:

Description	Estimated Cost
Design Services	\$521,046
Design Contract	\$404,753
IEUA Design Services (actuals)	\$116,293
Construction Services	\$787,326
Services During Construction	\$150,826
IEUA Construction Services (~13%)	\$636,500
Construction	\$5,385,641
Construction Contract (this action)	\$4,896,641
Contingency (~10%)	\$489,000
Total Project Cost	\$6,694,013
Total Project Budget	\$6,702,000

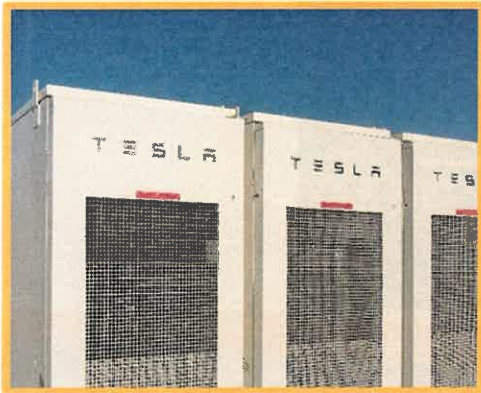
The following is the project schedule:

Project Milestone	Date
Construction Contract Award	February 2019
Construction Completion	November 2019

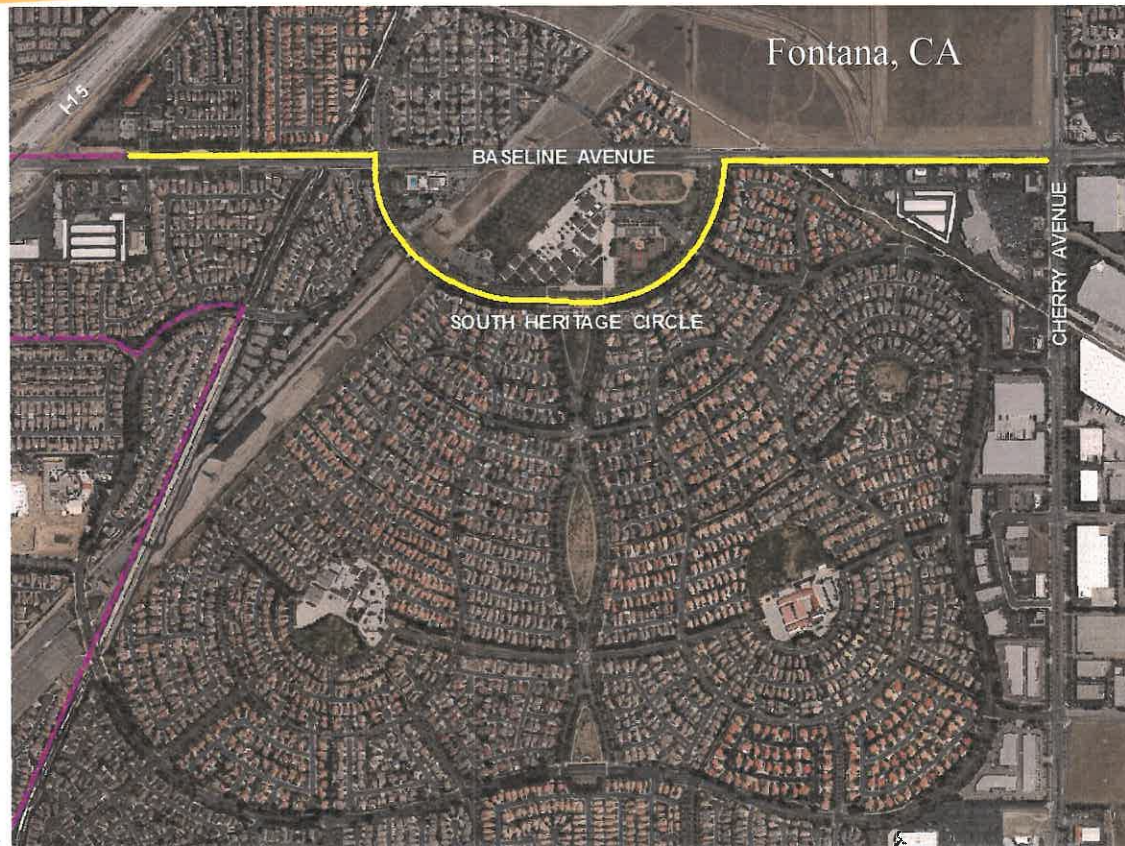
The Baseline Recycled Water Pipeline Extension Project is consistent with *IEUA's Business Goal of Water Reliability*, specifically the Recycled Water objective that IEUA will maximize the use of recycled water to enhance regional water reliability..

Baseline Recycled Water Pipeline Extension Construction Contract Award

Project No. EN17049



Project Location



The Project

- Scope includes:
 - Installation of 8,200 feet of 24-inch recycled water pipeline along Baseline Avenue and South Heritage Circle
- Add additional 105 acre-feet per year of new recycled water use in the City of Fontana



Park Landscaping



Median and Parkway Landscaping

Project Budget and Schedule

Description	Estimated Cost
Design Services	\$521,046
Design Consultant Contract (actuals)	\$404,753
IEUA Design Services (actuals)	\$116,293
Construction Services	\$787,386
Engineering Services During Construction	\$150,826
IEUA Construction Services (~13%)	\$636,500
Construction	\$5,385,641
Construction (This Action)	\$4,896,641
Contingency (~10%)	\$489,000
Total Project Cost:	\$6,694,013
Total Project Budget:	\$6,702,000

Project Milestone	Date
Construction	
Construction Contract Award	February 2019
Construction Completion	November 2019

Recommendation

- It is requested that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the Baseline Recycled Water Pipeline Extension, Project No. EN17049, to Trautwein Construction Inc. in the amount of \$4,896,641.

The Baseline Recycled Water Pipeline Extension Project is consistent with the **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.

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3A



Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, February 7, 2019

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 November 1, 2018
- B. Baseline Recycled Water Pipeline Extension Construction Contract Award

3. Informational Items

- A. Chino Basin Program Update *(Oral)*
- B. Legislative Update
- C. Rate Study *(Oral)*

4. Receive and File

- A. Building Activity Update
- B. Recycled Water Distribution – Operations Summary

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 – March 7, 2019

6. Adjournment

(Continued)

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, January 31, 2019.

Laura Mantilla

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Building Activity Report - YTD Fiscal Year 2018/19



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

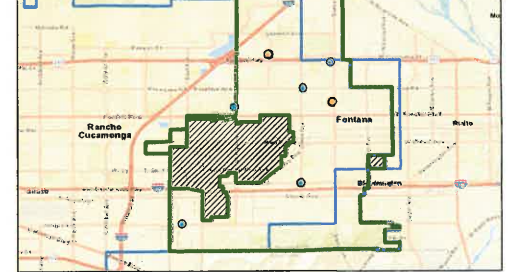
HALF MILE GRID: TOTAL EDU's (YTD)



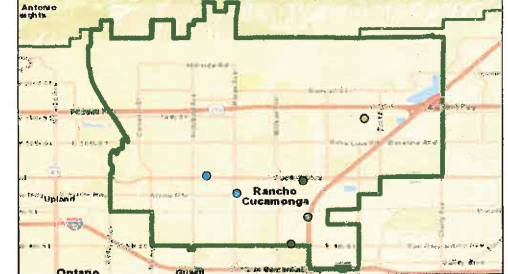
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual				Projected
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)	Total (EDUs)	Total (EDUs)
Chino	83	23	10	116	705
Chino Hills	58	52	0	110	442
CVWD	11	41	0	52	790
Fontana	115	28	0	143	793
Montclair	0	20	0	20	287
Ontario	374	29	21	424	2720
Upland	81	8	0	89	412
Total	722	201	32	954	6149

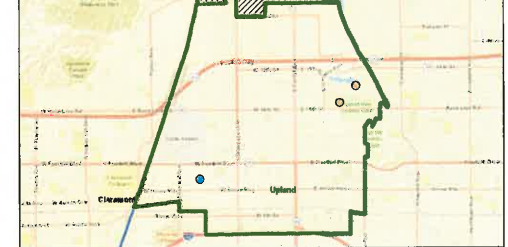
Fontana (Nov 2018)



Cucamonga Valley Water District (Nov 2018)



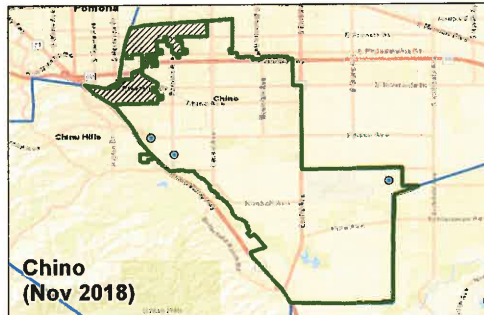
Upland (Nov 2018)



Chino Hills (Nov 2018)



Chino (Nov 2018)



Ontario (Nov 2018)



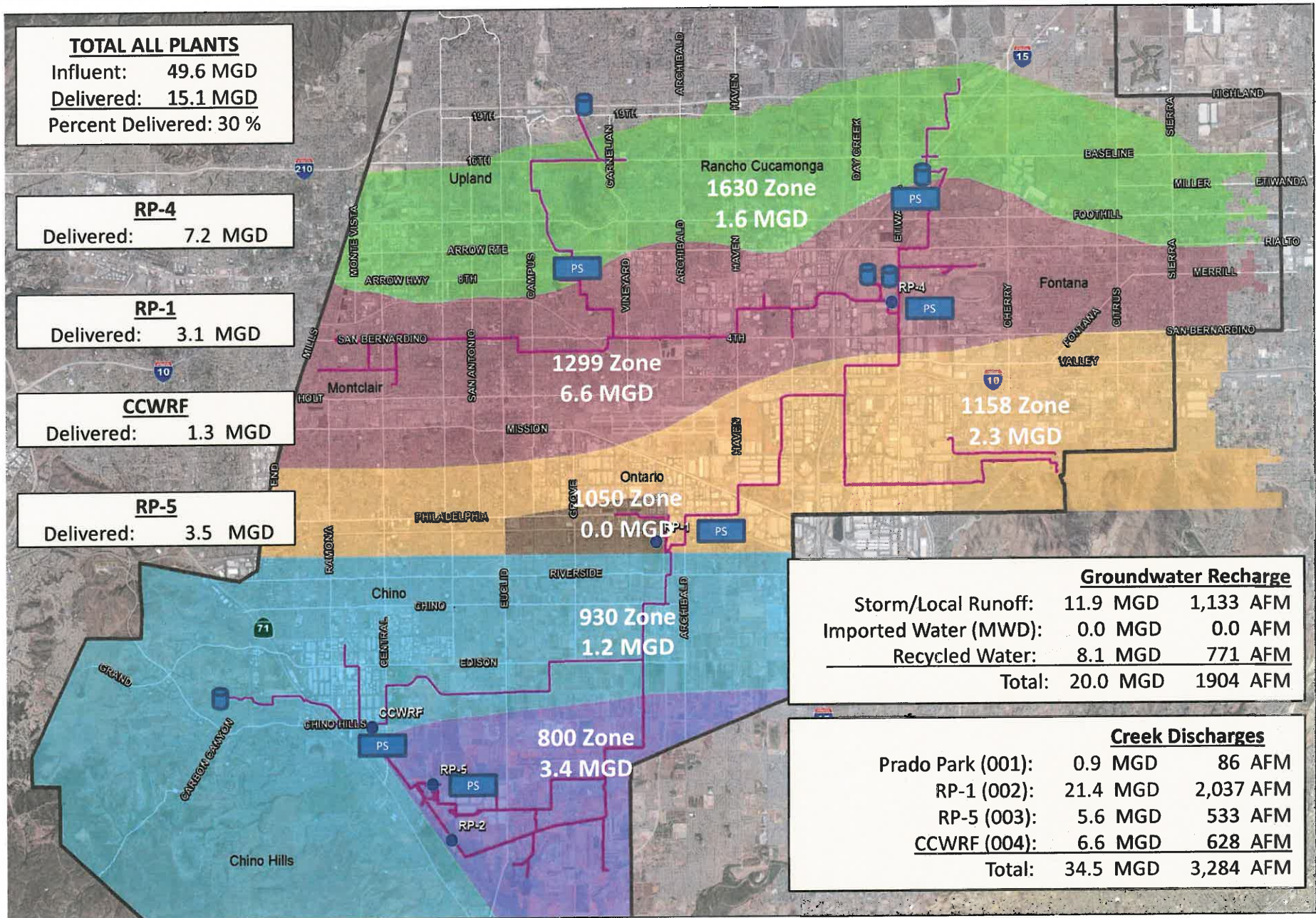
Montclair (Nov 2018)



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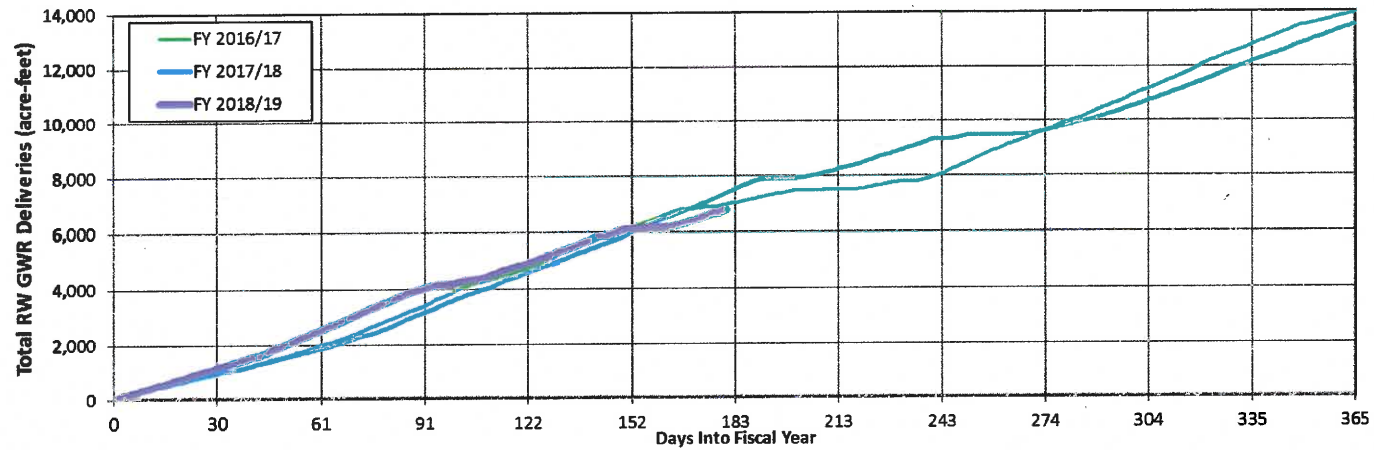
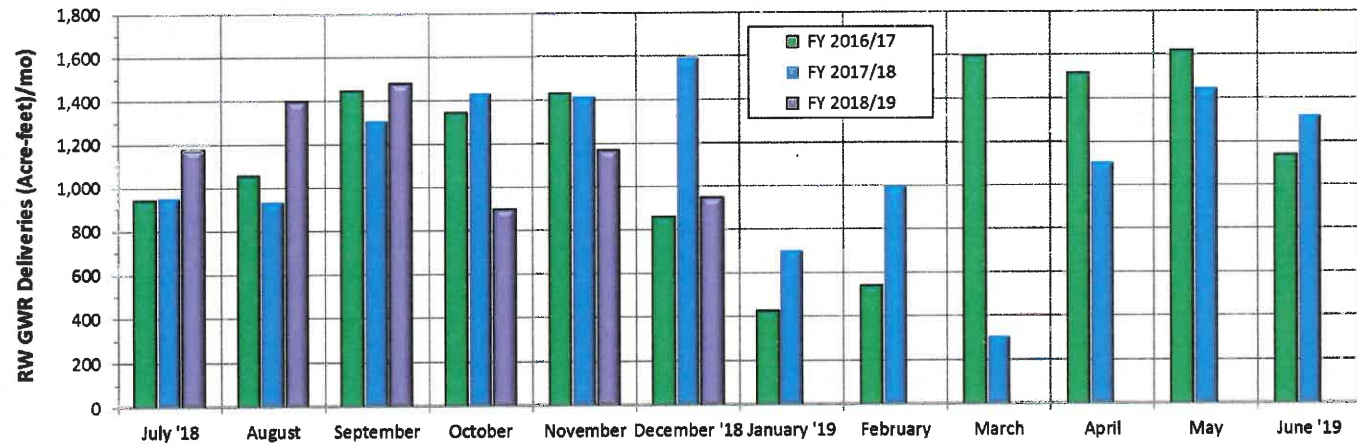
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IEUA RECYCLED WATER DISTRIBUTION – DECEMBER 2018



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

Basin	12/1-12/8	12/9-12/15	12/16-12/22	12/23-12/31	Month Actual	FY To Date Actual	Deliveries are draft until reported as final.	
Ely	0.0	0.0	0.0	25.9	25.9	1281		
Banana	0.0	0.0	0.0	0.0	0.0	295		
Hickory	0.0	0.0	0.0	7.6	7.6	180		
Turner 1 & 2	0.0	0.0	0.0	0.0	0.0	547		
Turner 3 & 4	12.1	0.0	0.0	8.5	20.6			
8th Street	8.1	44.3	79.7	122.2	254.3	1249		
Brooks	26.0	56.0	83.7	95.2	260.9	513		
RP3	1.5	54.5	45.0	70.1	171.1	1061		
Declez	0.0	9.8	33.2	62.2	105.2	1172		
Victoria	7.1	9.5	27.0	56.0	99.6	763		
San Sevaire	0.0	0.0	0.0	0.0	0.0	0		
Total	54.8	174.1	268.6	447.8	945.2	7,060	1,591	AF previous FY to day actual



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3D

**REGIONAL SEWERAGE PROGRAM
PRETREATMENT SUBCOMMITTEE**

December 4, 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
Tere Worsham.....	CVWD
Robert Herbster.....	City of Upland
Craig Proctor.....	IEUA

Conference Call

Tony Mata.....	City of Fontana
Nicole deMoet.....	City of Montclair
Michael Birmelin.....	City of Ontario
Wendy Hsiao.....	City of Ontario

Others Present

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 1158 Recycled Water Pump Station Upgrades.
- IEUA staff gave a PowerPoint presentation on the Chino Basin Conjunctive Use Environmental Water Storage/Exchange Program (Chino Basin Project).

b. Treatment Plants

RP-1/RP-4:

- RP-4 met all the NPDES requirements during the months of September through November 2018.
- On October 14 and November 8, 2018, RP-1 effluent (M-001B) grab samples collected and tested for total coliform had confirmed results of 204.6 and 261.3 MPN/100mL, 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.” The November 8, 2018 sample also exceeded the NPDES permit limitation specifying that “no total coliform sample shall exceed an MPN of 240 total coliform bacteria per 100 mL.”

RP-5:

- RP-5 met all the NPDES requirements during the months of September through November 2018.

CCWRF:

- CCWRF met all the NPDES requirements during the months of September through November 2018.

Agency-wide:

- The Agency-Wide 12-month running average TDS for the months of September and October 2018 were 473 and 479 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 September and October 2018 were 198 mg/L and 200 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 September through November 2018.

Recycled Water:

- On Monday, October 1, 2018, the IEUA staff discovered that recycled water was being released into the Declez Channel from a recycled water groundwater recharge basin, Declez Basin, located in an unincorporated area of Riverside County southwest of the IEUA-owned RP3 Basins. The duration of the recycled water release was estimated 2 days and 4 hours at a flow rate of 2.15 cfs, which

resulted in a total release volume of approximately 3 million gallons of recycled water into Declez Channel.

- On Friday, October 19, 2018, a recycle water release of approximately 50,000 gallons occurred when a vehicle struck an air relief vault located on Chino Avenue west of Cucamonga Creek. The recycled water entered the Cucamonga Creek Flood Control Channel (Cucamonga Creek) from approximately 10:28 a.m. to 1:30 p.m. on October 19, 2018.
- No agricultural runoff events were reported to IEUA by member agencies during the months of September through November 2018.

c. Pretreatment Programs

Evolution Fresh in the City of Rancho Cucamonga was issued a Notice of Violation and Order for Corrective Action (NOV/OCA) in November for exceeding the permitted local daily discharge limit for TDS in September. Results of industries investigation found the conductivity meter out of calibration and CIP dosing levels to be 2-3 times higher than recommended by chemical vendor. Corrective actions were implemented. Subsequent monitoring for TDS indicated compliance.

Inland Powder Coating in the City of Ontario was issued a Notice of Violation and Order for Corrective Action in October for failure to properly operate and maintain pretreatment equipment. Industry responded stating faulty pH probe identified by inspector has been replaced. Follow up inspection conducted by IEUA verified corrective actions have been completed.

Wing Lee Farms in the City of Chino exceeded its maximum daily discharge limit for flow in September and October. A Notice of Non-Compliance will be issued to Wing Lee Farms for the violations.

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 by the end of the year. The Cities of Chino and Ontario have already sent the one-time certifications and FAQ Sheet to the dental offices located within their City. The CVWD will 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 to IEUA on any new dental facilities that locate within their service area and copies of completed certifications.

b. Local Limits/Point of Connection Standards

The committee resumed discussions on Resolution No. 2018-5-1 establishing local limits applicable to the Regional Sewerage System Significant Industrial Users (SIUs). As previously noted, 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. Some member agencies are currently applying some of the Standards as limits, specifically a 100 mg/L limit for Fats, Oils and Grease (FOG), for their non-SIUs and Food Service Establishments (FSE). Further these limits have been incorporated into their City's Municipal Code and/or Ordinance. 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 reviewed the Water Environment Research Foundation study on Assessment of Grease Interceptor Performance that was provided to the committee. Two key findings of the study were that: 1. There is a high degree of variability when collecting FOG samples from an FSE and, 2. The analysis method itself displayed significant variability when measuring known concentrations of FOG.

IEUA also shared information provided by Orange County Sanitation Districts Source Control staff regarding limits for FOG. The OCSD staff recommendation was to avoid the 100 mg/L limit and rely on mandatory pumping using the 25% rule for grease interceptor maintenance. They also suggested strengthening ordinance prohibition language and include BMPs and education and outreach.

The committee members provided input on their current policies regarding permitting of FSE's and the control of FOG.

CVWD inspects the FSEs three times a year and requires Best Management Practices (BMP). They do not have a permit limit for FOG. The CVWD has an aggressive collection system cleaning program and there have been no SSOs as a result of FOG.

Chino Hills noted that they inspect the FSEs once a year. The FSEs are broken down into three different categories (high, medium, and low). Currently, there are no permits issued to the FSEs, but the City Ordinance allows for the issuance of enforcement. They do not have a permit limit for FOG. The City's collections staff perform routine maintenance on sewer system hot spots. There have been no SSOs as a result of FOG.

Upland noted they have 175 permitted FSEs which sample FOG once a year. The City's collections staff goal is to clean the entire collection system throughout

the year with a focus on hot spots. Upland uses the 100 mg/L FOG limit that was taken from the 2006 Point of Connection Standards. 60-70% of the FSEs are in compliance with the FOG Limit. Upland issues Notices of Violation for any exceedance of the FOG Limit. Any FSE that receives a NOV is required to clean their grease interceptor.

Chino noted that they do not permit their FSEs. Their ordinance does have a FOG Limit; however, they implement BMPs and the 25% rule for grease interceptor maintenance. The City's collections staff also has a goal to clean the entire collection system. The hot spots within the collection system are cleaned on a monthly basis.

Montclair noted they have 115 FSE and do not issue permits. Inspections are performed on an annual basis. The City uses BMPs and the 25% rule for grease interceptor maintenance. The City ordinance includes the FOG limit however the City does not require monitoring. The City's collection system is on a 2-2.5 year cleaning cycle.

Fontana permits 300 FSE's. The FOG limit is in the permit, however the 25% rule for grease interceptor maintenance is enforced. There is no required monitoring for FOG. The City also permits car washes. The City's collection system is on a 2-year cleaning program.

Ontario has 600 FSE's. Approx. 400 of the FSE have treatment devices and 130 are currently under permit. The City categorizes FSE's as high/medium/low. The categories are linked to the frequency of interceptor cleaning. The FSE permits are for 2 years and do not contain FOG limits. The City uses the 20% rule for grease interceptor maintenance and BMPs. The permits also allow for enforcement to require interceptor cleaning. There have been no SSOs as a result of FOG in the last 18 months.

IEUA surveyed the committee on their position of evaluating a FOG limit specifically for FSEs.

Upland supports a separate study to establish a new FOG limit for FSEs. The FOG limit was something the City had used for permitting and enforcement and has concerns that the 25% rule for grease interceptor maintenance may not be as legally defensible as the previously held numerical effluent limit.

Chino noted that establishing a new FOG limit is not as important as maintaining the hotspots in their collection system. Chino would support a study to establish the FOG limit if the group decided that was the direction it wanted to go but would want to check with management on their position as well, especially in terms of funding for the study.

Chino Hills agreed with Chino's position. They believe that what the city is currently doing for the collection system and for FOG and the FSEs is working. Management would need to be consulted for their opinion on funding a study if that is the direction the committee chooses.

Ontario does not agree with moving forward with a study to impose a FOG limit of FSEs. The FOG limit would be an unnecessary effort when a narrative standard and BMPs are working. Ontario staff noted that there would need to be a need (e.g. SSOs) to justify a study. Ontario's other concern is that establishing a FOG limit would also end up requiring FSEs to put in treatment equipment when the current BMPs are working.

Montclair has noted the 25% rule for grease interceptor maintenance has worked for the City. Montclair is open to a study and is also interested in surveying a wider number of agencies to see how they address FSE's.

Fontana does not support moving forward with a study. The City is also not interested in any monitoring program for FOG. The 25% rule for grease interceptor maintenance and their inspection program are working.

CVWD does not support moving forward with a study. The BMPs and the inspection process are working and therefore it is unnecessary to spend money and resources on attempting to develop a FOG limit.

IEUA proposed to work with Montclair to obtain additional information from other agencies and discuss further at the next committee meeting.

c. CASA Study Update

IEUA gave a brief update on the CASA study residential site sampling program. Locations have been identified and provided to the consultants. It is expected that the contractor conducting the sampling and flow monitoring will be performing reconnaissance at each location within the next month. IEUA will notify the committee members in advance so they can have someone present.

The next pretreatment meeting is tentatively scheduled for February 5, 2018.

The meeting adjourned at 2:45 p.m.

RECEIVE AND
FILE

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Date: January 31, 2019/February 7, 2019
To: Regional Sewerage Committees
From: Inland Empire Utilities Agency *HS*
Subject: Fiscal Year 2019/20 Legislative Policy Principles

RECOMMENDATION

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

BACKGROUND

The item was presented as an action item at the IEUA Board of Directors meeting on January 16, 2019.



Date: January 16, 2019

To: The Honorable Board of Directors

From: Kirby Brill, Interim General Manager

Committee: Community & Legislative Affairs

01/09/19

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

Subject: Fiscal Year 2019/20 Legislative Policy Principles

Executive Summary:

Each year, the IEUA Board of Directors (Board) adopts Federal and State legislative priorities for the following year. The attached legislative policy principles are consistent with the current mission and business goals of the Agency, and are tailored to fit relevant issues that may be faced during the 2019/20 legislative year. As legislation can at times be fast moving, the adoption of legislative policy principles allows staff to be more efficient and effective regarding positions on pending legislation. The legislative policy principles provide staff with the necessary guidelines in taking positions quickly when necessary, as well as making position recommendations to the Community and Legislative Affairs Committee and the Board when time allows.

Staff's Recommendation:

Staff recommends that the Board approve the legislative policy principles for the 2019/20 legislative session.

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

Account/Project Name:

Not Applicable

Fiscal Impact (explain if not budgeted):

Not Applicable

Prior Board Action:

Not Applicable

Environmental Determination:

Not Applicable

Business Goal:

Approving legislative policy principles is in line with IEUA's business practices goal of advocating for development of policies, legislation and regulations that benefit the region.

Attachments:

Attachment 1 - IEUA Proposed Legislative Policy Principles

IEUA Proposed Legislative Policy Principles

Water-Use Efficiency Planning

- Support administrative and legislative action to identify and promote the use of salt-less water softening technology. Oppose any efforts to endorse salt-based technologies.
- Support administrative and legislative actions that protect, respond and plan for drought conditions while maintaining the necessary environmental protections.
- Support administrative and legislative actions on water-use efficiency that create and/or improve regulations and mandates recognizing the variations among the different communities, regions and counties with respect to their capability of withstanding the impacts of drought.
- Support administrative and legislative actions that promote and/or improve water quality from various constituents including salinity, perchlorates, nitrate and volatile organic compounds.
- Oppose efforts to impose public goods charge and support alternative efforts to a sustainable approach to ensure every Californian has access to safe, clean and reliable water.
- Support member agency and regional legislative positions that align with IEUA's current policy principles.

Regulations/Compliance

- Support administrative and legislative actions for environmental compliance (e.g., air, water, hazardous materials and waste) that provide for regulatory compliance flexibility, promote consistency and reduce regulatory duplication.
- Support administrative/legislative actions to improve clarity and workability of California Environmental Quality Act (CEQA) and eliminate other duplicative state processes.
- Actively monitor and participate where appropriate in the development of water use efficiency regulations.

Energy

- Promote water-energy nexus administrative/legislative and/or regulatory activities that preserve IEUA's ability to pursue supply options and oppose constraints on supply development.
- Support administrative and legislative actions that remove barriers and encourage energy sector investments in water conservation and energy management programs.
- Support legislation and other programs that would increase the value of the Renewable Energy Credits (RECs) generated and sold by wastewater treatment agencies that utilize their renewable energy on-site in California.
- Support legislation and other programs that would facilitate self-generation projects interconnection to the electric grid by reducing interconnection costs, metering requirements, project review process and timeline.
- Support administrative and legislative actions that encourage renewable energy through organics management, including landfill diversion.

Financial

- Support maintaining tax exempt status for municipal debt.
- Support measures to reduce the cost of financing water infrastructure projects.
- Support efforts to reauthorize, increase of the funding cap federal funding, and extension of Title XVI/WIIN grant program, the federal EPA/State Revolving Loan program, and other funding mechanisms.
- Support funding and incentive programs to promote water use efficiency, including EPA's *WaterSense* program, education programs and tax exemptions incentives.
- Support funding programs that promote energy efficiency, increase renewable generation, strengthen local grids and energy reliance.
- Support federal funding for drought relief in California and reasonable reform of the Endangered Species Act (ESA).
- Advocate funding that ensures a fair and equitable financing process for the public.
- Support efforts to reinstate public agency advanced bond refunding.
- Support funding opportunities that align with the Chino Basin Program, and the needs of member agencies.
- Support legislative or public initiatives that include bond funding for water projects.

Administrative/Other

- Support legislative actions that are aligned with the Agency's goals and objectives and support member agency and regional legislative positions.
- Support legislation that increases local control and limits additional financial burdens related to employee relations and collective bargaining that can be appropriately negotiated at the bargaining table.
- Oppose any measure that imposes mandates upon local governments that are more properly decided at the local level.
- Support local government efforts to establish succession planning and mentoring programs.
- Support legislation that streamlines the Workers' Compensation system and makes it easier for employers, employees, and health care providers to navigate.
- Support reform measures that provide sustainable and secure public pensions and other post-retirement benefits to ensure responsive and affordable public services.