

NOTICE OF MEETING

**OF THE
REGIONAL SEWERAGE PROGRAM
POLICY COMMITTEE**

OF THE



WILL BE HELD ON

THURSDAY, SEPTEMBER 1, 2016

4:30 P.M.

**BOARD ROOM
AT THE OFFICE OF THE AGENCY
6075 KIMBALL AVENUE, BUILDING A
CHINO, CA 91710**



Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, September 1, 2016

4:30 p.m.

Location

Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91710

Call to Order and Roll Call

Pledge of Allegiance

Public Comment

Additions to the Agenda

- 1. Technical Committee Report (*Oral Update*)**
- 2. Action Item**
 - A. Approval of the June 2, 2016 Meeting Minutes
 - B. Construction Contract Award for RP-1 Mixed Liquor Return Pumps and Aeration Basin Panel Repairs
- 3. Informational Items**
 - A. Regional Contract (*Oral Update*)
 - B. Salinity Update
- 4. Receive and File**
 - A. Building Activity Update
 - B. Recycled Water Distribution – Operations Summary
 - C. Semi-Annual Recycled Water Update
- 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 6, 2016
- 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 by 5:30 p.m. in the foyer at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA on Monday, August 29, 2016.

A handwritten signature in black ink, appearing to read "Laura Mantilla", written over a horizontal line.

Laura Mantilla

ACTION ITEM

2A



Regional Sewerage Program Policy Committee Meeting

MINUTES OF JUNE 2, 2016 MEETING

CALL TO ORDER

A meeting of the IEUA/Regional Sewerage Program – Policy Committee was held on Thursday, June 2, 2016, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, Chino, California. Jim Bowman, City of Ontario, called the meeting to order at 4:30 p.m.

ATTENDANCE

Committee Members:

Earl Elrod	City of Chino
Peter Rogers	City of Chino Hills
Jesse Sandoval	City of Fontana
Paul Eaton	City of Montclair
Jim Bowman	City of Ontario
Debbie Stone	City of Upland

Absent Committee Members:

Kathy Tiegs	Cucamonga Valley Water District
Terry Catlin	Inland Empire Utilities Agency

Others Present:

Jesus Plasencia	City of Chino
Scott Burton	City of Ontario
Rosemary Hoerning	City of Upland
P. Joseph Grindstaff	Inland Empire Utilities Agency
Christina Valencia	Inland Empire Utilities Agency
Sylvie Lee	Inland Empire Utilities Agency
Chris Berch	Inland Empire Utilities Agency
Randy Lee	Inland Empire Utilities Agency
Craig Proctor	Inland Empire Utilities Agency
Shaun Stone	Inland Empire Utilities Agency
Laura Mantilla	Inland Empire Utilities Agency
Peter Soelter	Inland Empire Utilities Agency

PLEDGE OF ALLEGIANCE

Committee Member Debbie Stone led those present in the pledge of allegiance to the flag. A quorum was present.

PUBLIC COMMENTS

There were no public comments.

ADDITION TO AGENDA

Chairman Bowman was asked by IEUA staff to add an action item to the agenda. Joseph Grindstaff explained that IEUA became aware of the item after posting. It is an addition to Item 2.B. that requires a vote to add the item to the agenda, waiving the posting requirements for the Regional Contract Amendment for the June 15 Public Hearing.

Motion: By Paul Eaton/City of Montclair and seconded by Earl Elrod/City of Chino to add action item (2.B1) to the agenda.

Motion carried: Unanimously.

1. TECHNICAL COMMITTEE REPORT

Sylvie Lee/IEUA provided the Committee with the following updates on behalf of Ryan Shaw/City of Ontario:

- Approved Action Items by the Regional Technical Committee at the May 26, 2016 meeting.
 - Unanimously approved the Fiscal Year 2016/2017 amended budget.
 - Unanimously approved the Recycled Water Resolutions, which included minor revisions requested by the Technical Committee. The Committee thanked IEUA staff for their hard work and look forward to resolving the related issues during the upcoming Regional Sewage Contract renewal/renegotiations.
- Informational Item
 - The Technical Committee reiterated the need to address the major issues identified in the recent sewer audit/report and subsequent letter. IEUA and the Committee Members will be meeting on June 8, to discuss specific actions needed by individual agencies to respond to their recent sewer audit and find solutions to the issues identified.

2. ACTION ITEMS**A. Approval of Minutes of May 5, 2016 Regional Policy Committee Meeting**

Motion: By Debbie Stone/City of Upland and seconded by Peter Rogers/City of Chino Hills to approve the minutes of the May 5, 2016 Regional Policy Committee Meeting.

Motion carried: Unanimously.

B.1 Waive Posting Requirement

Chairman Bowman stated that this action is requesting the Policy Committee Members to waive the 15 day posting requirements for establishing the recycled water surcharge rate pursuant to Section 26A, subsection A1, and A2, of the Regional Contract, and allow the Public Hearing to be held on June 15, 2016.

Motion: By Earl Elrod/City of Chino and seconded by Jesse Sandoval/City of Fontana to waive the 15 day posting requirement for establishing the recycled water surcharge rate, and allow the Public Hearing to be held on June 15, 2016.

Motion carried: Unanimously.

B. Regional Contract Amendment

Ms. Lee/IEUA stated that the Recycled Water Policy Principles were approved by the Committee and adopted by the IEUA Board in March 2016. The last proposal discussed was to implement a regional contract amendment. Since then there have been discussions with the Regional Technical Committee Members and IEUA, and as a result the following three options are being presented in the staff memo: option 1: do nothing, option 2: IEUA Board adopts Resolutions and option 3: amend Regional Contract as proposed.

Ms. Lee stated that the member agencies unanimously support option 2, which are the two resolutions included in the package. The first resolution, provides the basis for recycled water use that the City of Chino will be grandfathered for the next seven years, and set the definition for surcharge rate for the recycled water use over base entitlement. The second resolution establishes the surcharge rate for use in excess of entitlement.

Motion: By Earl Elrod/City of Chino and seconded by Peter Rogers/City of Chino Hills to make recommendation to the IEUA Board of Directors to approve Option 2, that the IEUA Board Adopt the two Resolutions consistent with the Recycled Water Policy Principles:

1. Provides the basis for recycled water use that the City of Chino will be grandfathered for the next seven years, and set the definition for surcharge rate for the use of over base entitlement.
2. Establishes the surcharge rate for use in excess of entitlement.

Motion carried: Unanimously.

C. Amended Fiscal Year 2016/17 Budget

Christina Valencia/IEUA stated that last year the Agency implemented a biennial budget and adopted a budget for Fiscal Year 2015/16 and 2016/17. In April 2016, she gave an overview of the Fiscal Year 2016/17 O&M amendments for all of the funds and stated that at that time IEUA was working on the Ten-Year Capital Improvement Plan. Ms. Valencia indicated that today's overview will focus on the Regional Wastewater Recycled Water and Recharge Water funds. Total Revenues & Other Funding Sources was amended from \$183.2 million to \$173.2

million, primarily due to the revised forecast of new connections, which were reduced from 4,580 EDUs to 3,000.

Total Expenses and Other Uses of Funds was amended from \$156.6 million to \$173.8 million, due to an increase in operating expenses (program costs to support Capital Improvement Plan and O&M project costs and reduced vacancy factor) and Capital Improvement Plan. She stated that there is not much change in the Total Estimated Fund Balance from what was adopted and amended for 2016/17. She indicated that in 2017, IEUA will start early repayment of the 2008A Bonds, by accelerating payment of bonds and expect to save about \$50 million in present value savings under service cost.

Ms. Valencia reviewed the Recharge Master Project Update. There is approximately \$42 million in the project budget; \$6 million is IEUA's share and \$36 million is CBWM. Ms. Valencia stated that the use of property taxes going forward will not change for the RO fund and will remain at \$9.5 million. The WC fund will remain at \$2.2 million and the Administrative Services (GG) fund will not change; however, there will be an increase to future growth which will be allocated to the WW fund to help pay for the infrastructure going forward.

Ms. Valencia reported that the recycled water program has been heavily financed through inter-fund loans, which are still outstanding and IEUA deferred the repayment to the NRW fund from the Recycled Water fund. She indicated that water member agencies asked the IEUA Board to forgive the debt of \$4.3 million (this loan went from the Administrative Services fund to the Recycled Water fund, primarily to support the turf rebate program), which is the recommendation going to the Board for approval in June.

Motion: By Earl Elrod/City of Chino and seconded by Peter Rogers/City of Chino Hills to make recommendation to the IEUA Board for approval of the proposed amendments to the FY 2016/17 budget for the: Regional Wastewater Capital Improvement (RC) fund, Regional Wastewater Operating & Maintenance (RO) fund, Recycled Water (WC) fund and Recharge Water (RW) fund.

Motion carried: Unanimously.

3. INFORMATIONAL ITEMS

A. RP-1/RP-5 Expansion Preliminary Design Report (PDR)

Shaun Stone/IEUA reviewed the facility expansion schedule and stated that IEUA completed a capital cost and net present value cost analysis of the decommissioning of CCWRF. The decision is to continue to operate CCWRF as it was the lowest net present value compared to relocating to RP-5. Mr. Stone stated that IEUA looked at a couple of different options for secondary treatment. Through the analysis, secondary treatment system conversion to MBR was the lowest cost option. In addition, he stated that a onetime expansion to ultimate capacity of 30 MGD was more cost effective than phased expansions.

B. Strategic Grant Planning

Chris Berch/IEUA presented an overview of the strategic grant planning. Mr. Berch reported that there was a total of about \$269 million of grants secured for the region and \$151 million in low interest SRF loans. Over the last couple of years, IEUA has been obtaining more SRF

loans. He indicated that IEUA will continue not to only pursue grants on behalf of the agency, but also pursue grants and low interest loans on behalf of the region. He stated that IEUA can help the cities or water districts through those programs and will continue to do programmatic environmental documents for the region to be proactive and progressive.

C. Regional Audit Response

Ms. Lee addressed this item in the Technical Committee Report.

4. RECEIVE AND FILE

A. Building Activity Report (YTD)

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

B. Recycled Water Distribution – Operations Summary

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

C. Sewer Fee Evaluation

The Sewer Fee Evaluation was received and filed by the Committee.

D. Recharge Master Plan Update Project Resolutions and Agreements

The Recharge Master Plan Update Project Resolutions and Agreements were received and filed by the Committee.

5. OTHER BUSINESS

A. IEUA General Manager's Update

- Mr. Grindstaff announced that Ernest Yeboah is retiring and Randy Lee was recently appointed as Executive Manager of Operations/Assistant General Manager.
- Mr. Grindstaff informed the Committee of Director Gene Koopman passing and stated he will be missed. Mr. Elrod asked if IEUA can send member agencies information of service arrangements.

B. Committee Member Requested Agenda Items for Next Meeting

None.

C. Committee Member Comments

None.

D. Next Meeting – August 4, 2016

6. ADJOURNMENT – Chairman Bowman adjourned the meeting in memory of Director Koopman at 5:08 p.m.

Transcribed by:


Laura Mantilla
Executive Assistant, IEUA

ACTION ITEM

2B



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Date: August 25, 2016/September 1, 2016
To: Regional Committees
From: Inland Empire Utilities Agency 
Subject: Construction Contract Award for the RP-1 Mixed Liquor Return Pumps and Aeration Basin Panel Repairs

RECOMMENDATION

It is recommended that the Regional Committees authorize the Agency to award the construction contract for the RP-1 Mixed Liquor Return Pumps and Aeration Basin Panel Repairs, Project Nos. EN16024 and EN17040, to the lowest responsive and responsible bidder, J. F. Shea Construction, Inc.

BACKGROUND

Operation of Ground Water Recharge (GWR) facilities has a permit condition for recharged flow to meet 5 mg/L Total Nitrogen (TN) measured at the lysimeters at each GWR basin. In general, this requirement is more stringent than the Agency's 12-month Agency wide average for Total Inorganic Nitrogen (TIN) of 8 mg/L. To ensure consistent recycled water compliance, RP-1 needs to improve nitrogen removal efficiencies in the secondary system. The RP-1 Mixed Liquor Return (MLR) Pumps project is expected to assist RP-1 in meeting nitrogen removal for recycled water use. As stated in the Facilities Master Plan, "RP-1 is near capacity at current flows to meet the 8 mg/L requirement and improvement is needed to meet the 5 mg/L GWR TN permit requirements."

Facilities Master Planning efforts have indicated several projects to improve secondary system capacity which include operational adjustments, large scale construction of system expansions, and smaller scale system improvements to the current secondary system. Due to the schedule of the planned RP-1 expansion, the Agency pursued the implementation of the small scale system improvement by adding MLR to the secondary system. This project provided the most cost effective and timely relief of to the RP-1 capacity challenges.

The Aeration Basin Panel Repairs project is to repair and replace the aeration panels in all six aeration basins. The repair and replacement of the aeration basin panels is a routine maintenance project scheduled for this year by IEUA Maintenance. Since the MLR Pumps project requires a full aeration basin shutdown, the IEUA Operations and Maintenance Departments requested to use the shutdown to complete the aeration basin panel

repair/replacement at the same time that the mixed liquor return pumps were being installed under one contract. Completing both projects under one shutdown would minimize operational disruptions and provides economies of scale in the construction contract.

On July 14, 2016, a request for bids was advertised to the four pre-qualified contractors and on August 16, 2016, the following bids were received:

BID SUMMARY

Contractor Name	Bid for the RP-1 Mixed Liquor Return Pumps (EN16024)	Bid for the RP-1 Aeration Basin Panel Repairs (EN17040)	Lump Sum
J.F. Shea Construction, Inc.	\$4,888,000	\$1,745,000	\$6,633,000
W.M. Lyles Co.	\$4,868,321	\$2,920,000	\$7,788,321
Myers and Sons Construction , LP	\$5,580,000	\$3,408,000	\$8,989,000
Clark Construction, California, LP	\$7,695,000	\$3,095,000	\$10,790,000
Engineer's Estimate	\$4,700,000	\$1,700,000	\$6,400,000

J. F. Shea Construction, Inc. is the lowest responsive and responsible bidder with a bid of \$6,633,000.

The projected costs are as follows:

Description	Estimated Cost	
	EN16024	EN17040
Design	\$675,000	\$15,000
Construction	\$4,888,000	\$1,745,000
Engineering Services During the Construction	\$195,000	\$8,000
Construction Services (~7%)	\$342,000	\$122,000
Construction Contingency (~10%)	\$488,000	\$175,000
Total Estimated Project Cost	\$6,588,000	\$2,065,000

The Project Schedule is as follows:

Project Milestone	Date
Construction Contract Award	September 2016
Construction Completion	January 2018

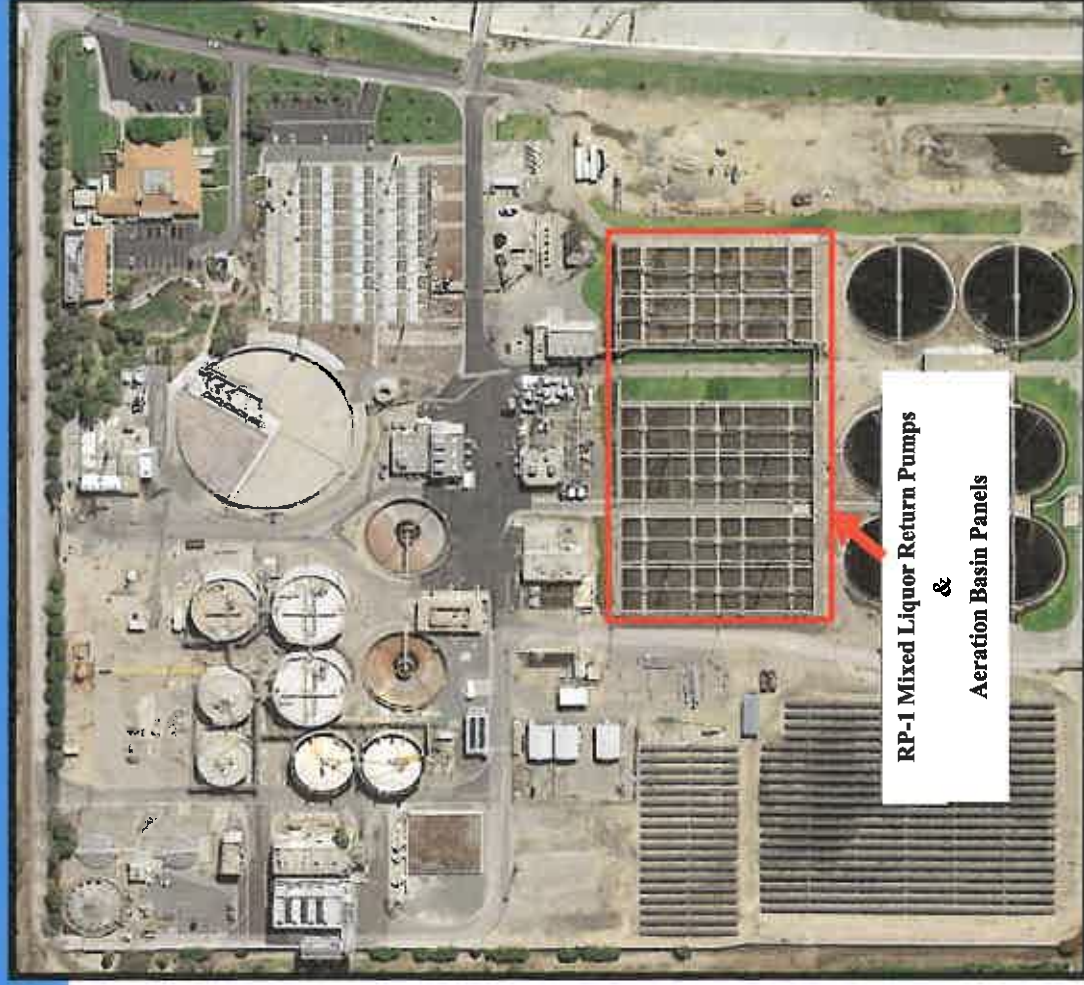
RP-1 Mixed Liquor Return Pumps and Aeration Basin Panel Repairs
August 25, 2016/September 1, 2016
Page 3

These projects are part of the Agency's Wastewater Management Capacity Business Goal to maintain capacity within facilities to meet essential service demands and to protect public health and environment.

RP-1 Mixed Liquor Return Pumps &
Aeration Basin Panel Repairs
Construction Contract Award
Project Nos. EN16024 & EN17040
September 21, 2016



Project Location



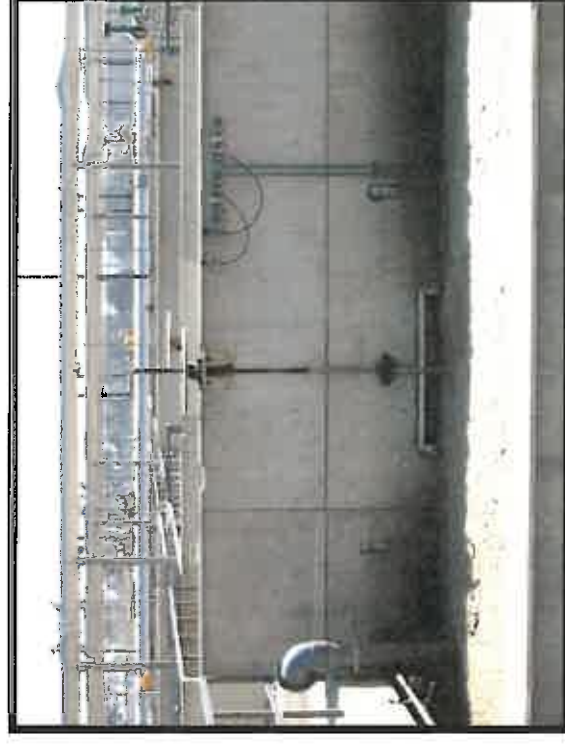
Project Request/Background RP-1

Aeration Basins

- **Stringent current permit limitations:**
 1. Ground Water Recharge (GWR) Permit: 5 mg/L Total Nitrogen (TN) at lysimeters
 2. NPDES Permit: Total Inorganic Nitrogen (TIN) 8 mg/L
- **Facilities Master Planning 2015:**
 - RP-1 is near capacity at current flow to meet the TIN and TN requirements
- **Repair and replacement of the aeration panels is a routine maintenance project**
 - Scheduled every 3 to 5 years based on decline in the performance of the aeration panels

Project Scope

- Add mixed liquor return functionality to all 6 trains
- Repair and replace the existing aeration panels



Bid Summary

- On July 14, 2016, a request for bids was advertised to the four prequalified contractors
- On August 16, 2016, the following bids were received:

Bidder's Name	Mixed Liquor Return Pump	Aeration Basin Panel Repairs	Lump Sum
J.F. Shea Construction, Inc.	\$4,888,000	\$1,745,000	\$6,633,000
W.M. Lyles Co.	\$4,868,321	\$2,920,000	\$7,788,321
Myers and Sons Construction, LP	\$5,580,000	\$3,408,000	\$8,989,000
Clark Construction, California, LP	\$7,695,000	\$3,095,000	\$10,790,000
Engineer's Estimate	\$4,700,000	\$1,700,000	\$6,400,000

Project Cost/Schedule

Description	Mixed Liquor Return Pump	Aeration Basin Panel Repairs
Design	\$675,000	\$15,000
Construction	\$4,888,000	\$1,745,000
Construction Services (~7%)	\$342,000	\$122,000
Engineering Services During Construction	\$195,000	\$8,000
Construction Contingency (~10%)	\$488,000	\$175,000
Total Project Cost	\$6,588,000	\$2,205,000

Project Milestone	Date
Construction Contract Award	September 2016
Construction Completion	January 2018

Recommendation

It is recommended that the Regional Committees authorize the Agency to award the construction contract for the RP-1 Mixed Liquor Return Pumps and the RP-1 Aeration Basin Panel Repairs, Project Nos. EN16024 and EN17040, to the lowest responsive and responsible bidder, J.F. Shea Construction, Inc.

Projects are part of the Agency's **Wastewater Management Capacity** Business Goal to maintain capacity within facilities to meet essential service demands and to protect public health and environment.

**INFORMATION
ITEM**

3B

Salinity Update



Inland Empire Utilities Agency

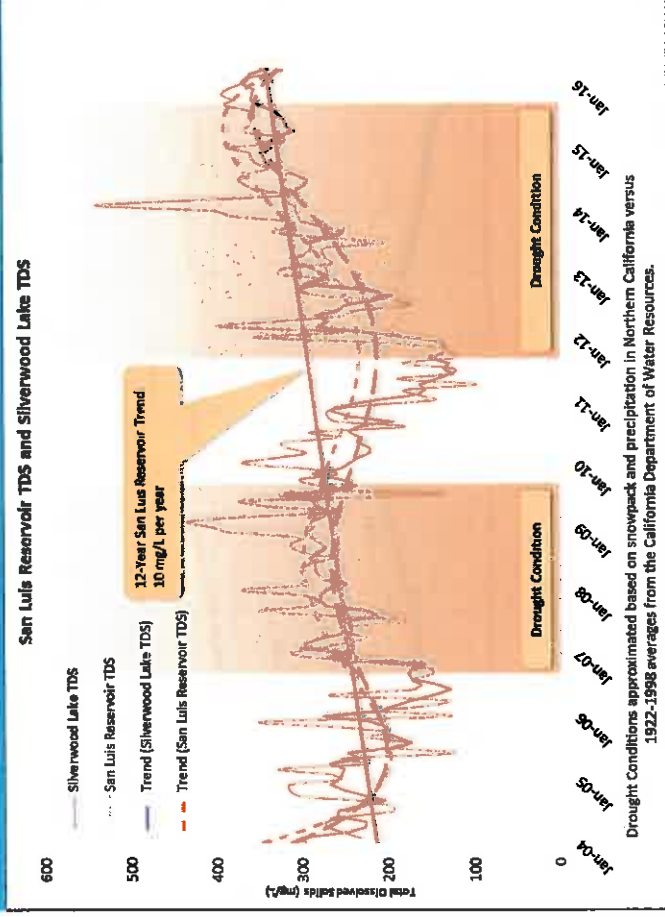
A MUNICIPAL WATER DISTRICT

August 25, 2016 & September 1, 2016
IEUA Regional Sewerage Program
Technical & Policy Committees

Regional Commitment to Salinity Management Key to Recycled Water

- Maximum Benefit Plan enables use of recycled water (irrigation & GWR)
- Commitment to RWQCB/SWRCB to implement regional programs to manage/reduce TDS as part of the OBMP and Maximum Benefit Plan
- Region has been working for past 15+ years to meet this commitment
 - Chino Basin Desalters (40,000 AF)
 - Self-generating water softener use ordinance
 - Brine line discharge requirements for high TDS industrial users
 - Chemical use optimization in the WWTP
 - Securing high quality supplemental water

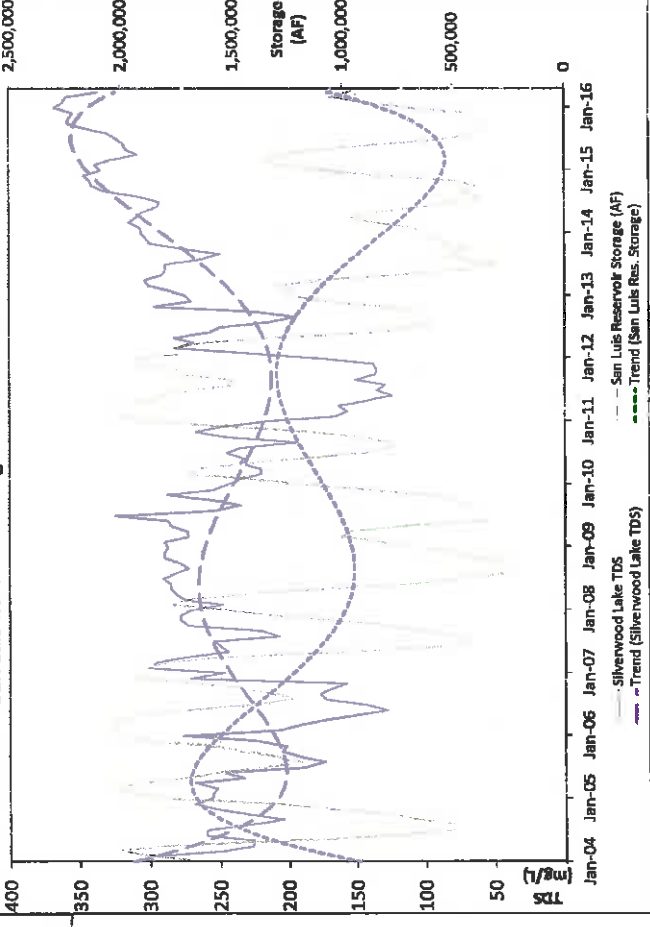
Salinity in the water supply



Imported Water TDS and Agency-Wide Water Supply TDS



San Luis Reservoir Storage and Silverwood Lake TDS

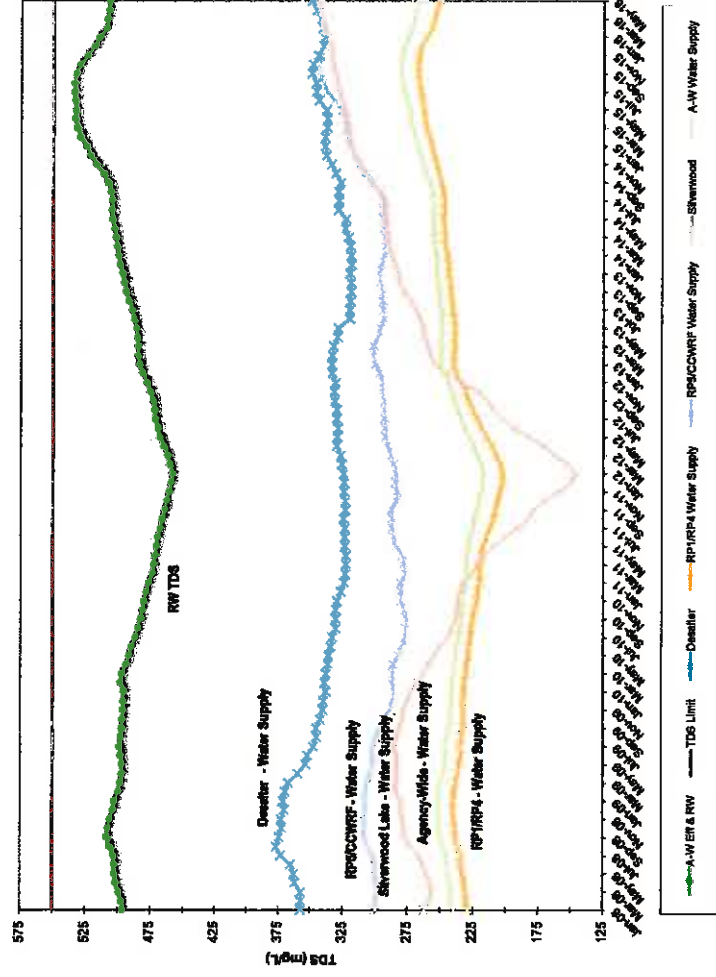


- Local water supply TDS is affected by SWP TDS
- 12-year SWP average: +10 mg/L per year
- SWP +10 mg/L results in +2 mg/L in local water supply*

*assumes 50,000 AFY of SWP, and total demand of 200,000 AFY

SWP impacts local water supply TDS ...

	State Water Project TDS	IEUA Water Supply (local +SWP)TDS	Effluent TDS
2014	285	238	499
2016	370	285	507
Potential	450	302	550

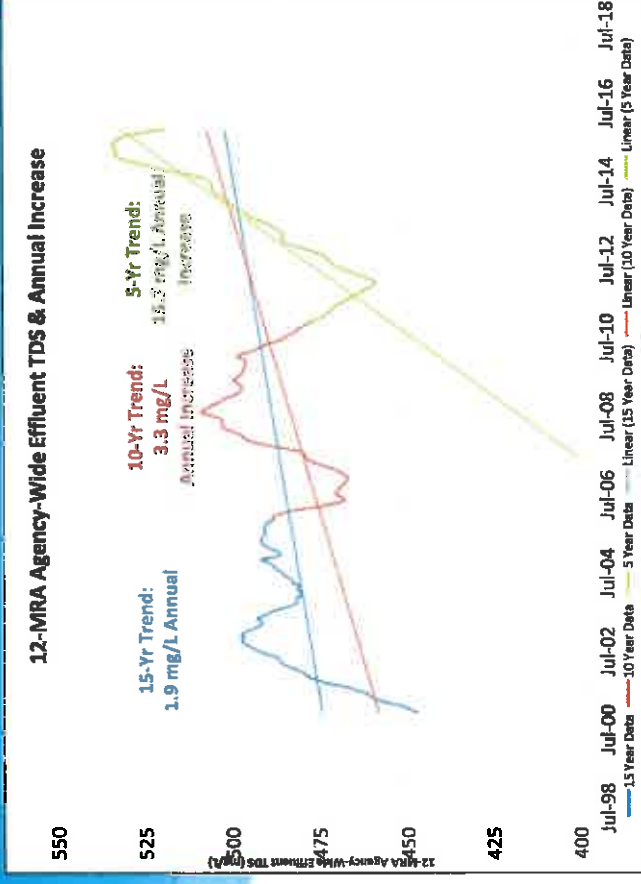
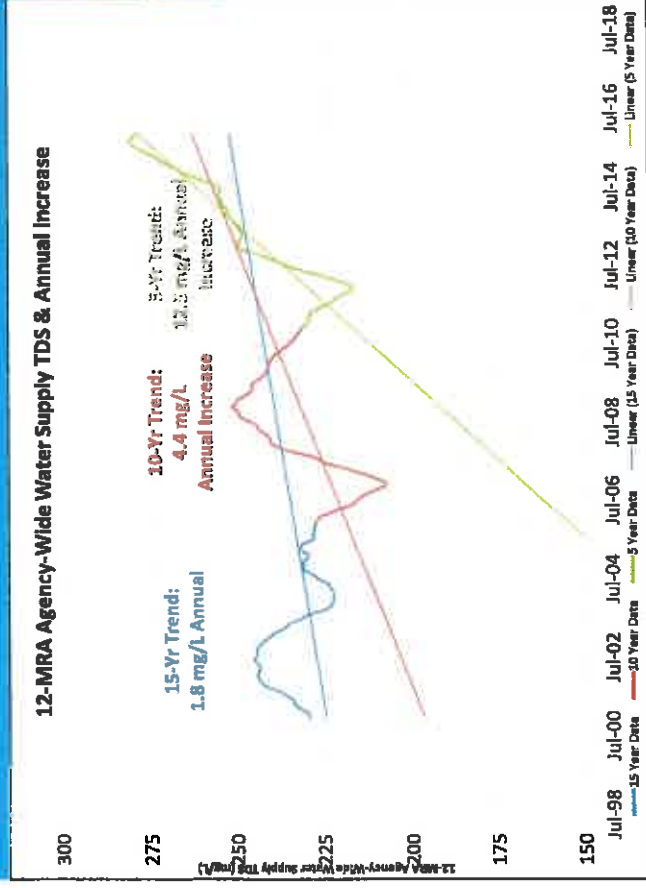


SWP is 20 - 30% IEUA supply

Total RW TDS **cannot** exceed 550 mg/L

August 25, 2016 & September 1, 2016
IEUA Regional Sewerage Program
Technical & Policy Committees

TDS is an inclining trend ...



TDS Trend	Water Supply TDS Annual Increase	Effluent TDS Annual Increase	Year Effluent TDS Limit of 550 mg/L is Reached
15 Years	1.8 mg/L	1.9 mg/L	2026 - 2027
10 Years	4.4 mg/L	3.3 mg/L	2020 - 2022
5 Years	12.5 mg/L	15.7 mg/L	2017 - 2018



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

What happens if RW TDS exceeds 550 mg/L?

Could result in:

- Mandatory penalties/ Notice of Violation
- Cease and desist order from RWQCB
- Prohibition on use of recycled water for groundwater recharge
- Requirements for additional TDS management:
 - Construction of additional groundwater desalters
 - Desalting of recycled water (advanced treatment)

Alignment with planning initiatives

Options for long term salinity management

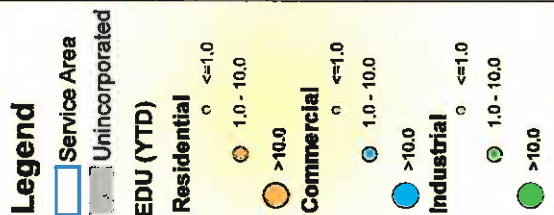
- Manage source water supply portfolio
- Investment opportunities:
 - SARCCUP & Groundwater Banking
 - Low Impact Development/rainwater infiltration
 - Local projects to increase groundwater yield
 - Advanced treatment of recycled water

IRP Phase 2 discussions

**RECEIVE AND
FILE**

4A

Building Activity Report - YTD Fiscal Year 2015/16



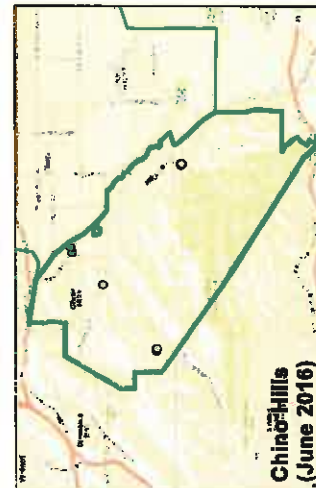
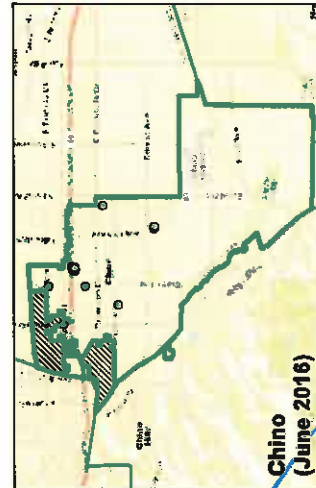
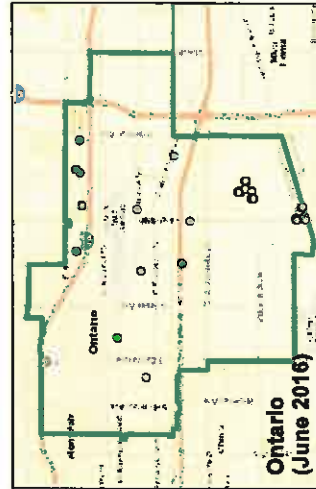
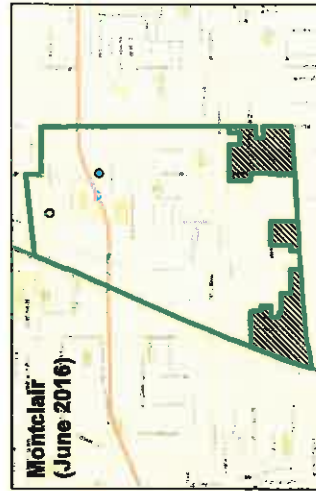
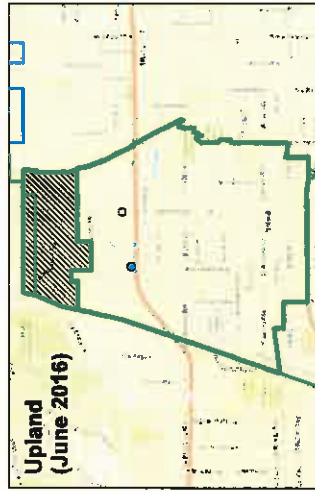
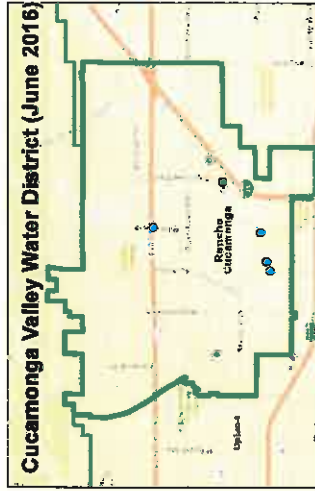
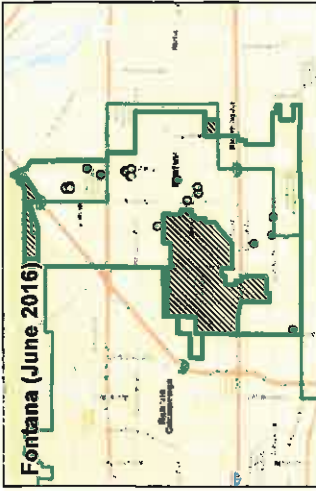
HALF MILE GRID: TOTAL EDU's (YTD)



TOTAL EDU BY CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Projected	
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)	Total (EDUs)	Total (EDUs)
Chino	523	57	1	581	842
Chino Hills	464	105	0	569	691
CWD	361	196	650	1208	364
Fontana	676	705	24	1405	445
Montclair	54	20	0	74	134
Ontario	485	110	136	731	3000
Upland	171	37	0	208	353
Total	2734	1230	811	4775	5849

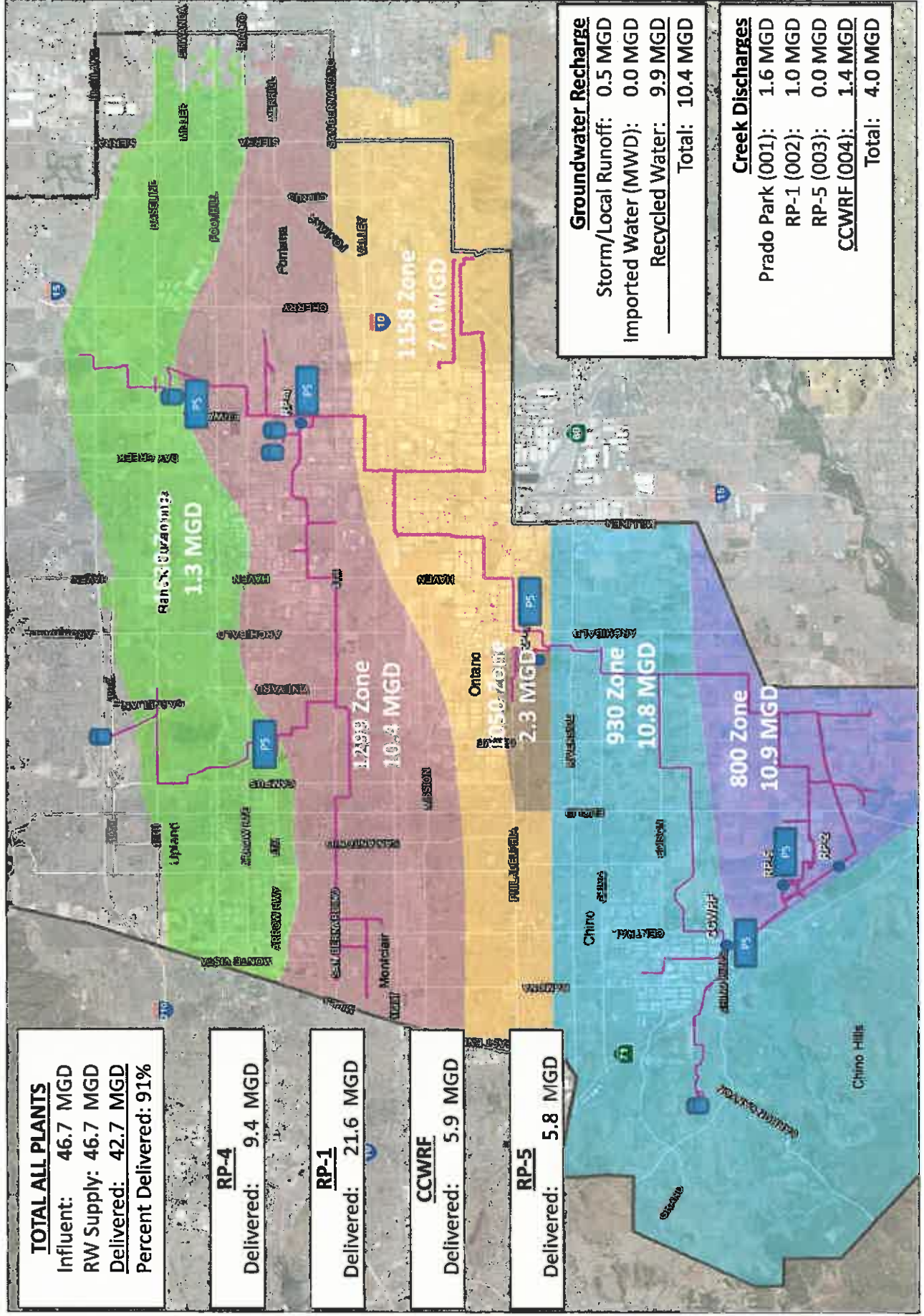
* Final EDUs pending FY15/16 Reconciliation



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4B

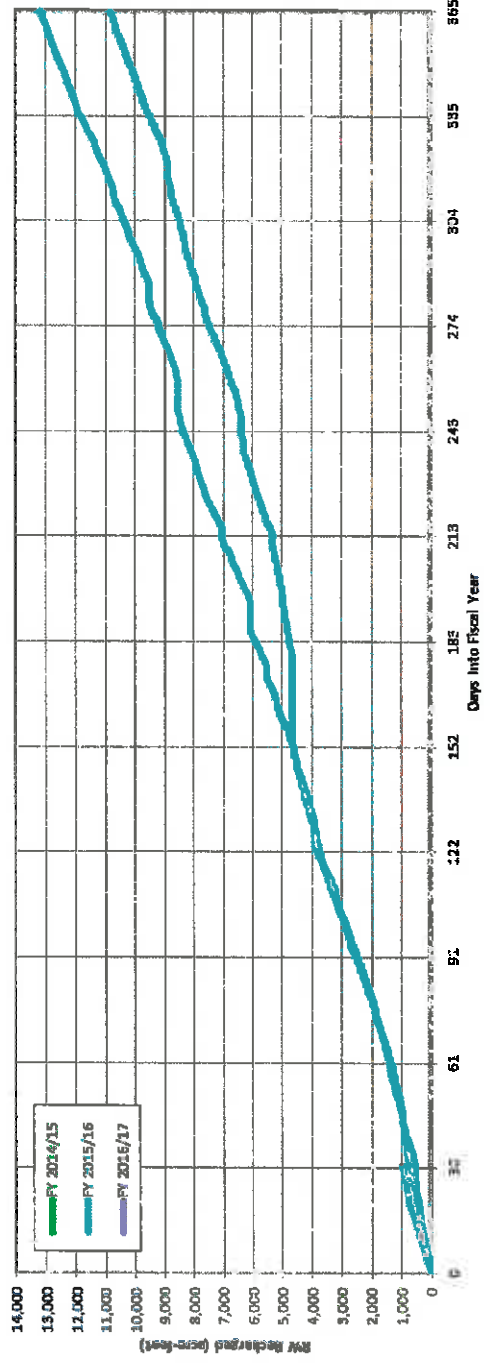
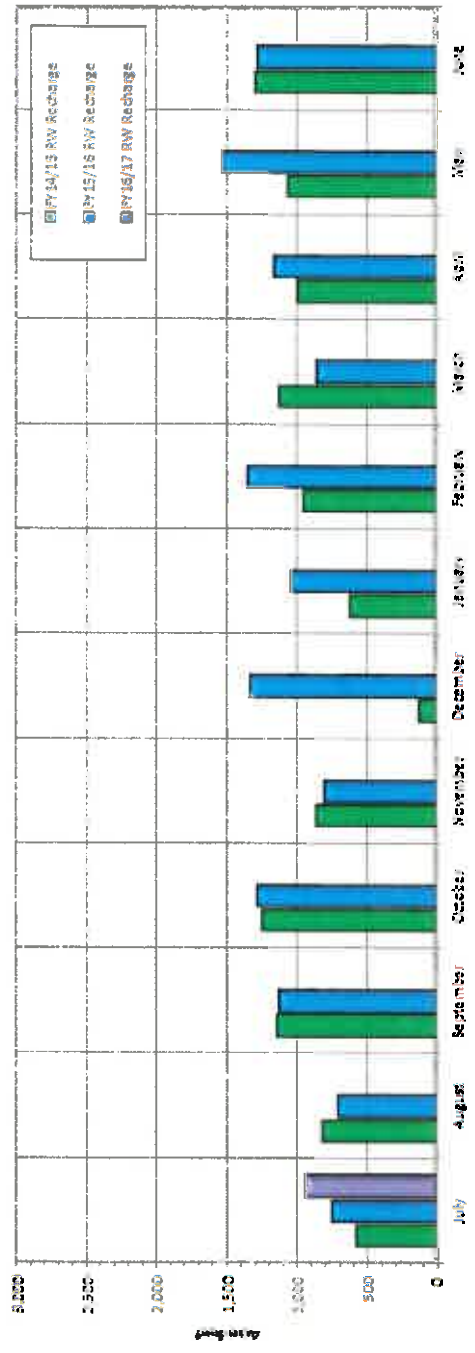
IEUA RECYCLED WATER DISTRIBUTION – JULY 2016



Recycled Water Recharge Actuals / Plan - July 2016 (Acre-Feet)

Deliveries are draft until reported as final.

Basin	7/1-7/8	7/9-7/15	7/16-7/22	7/23-7/31	Month Actual	Month Plan	FY To Date Actual
Ely	518	22.5	16.5	22.1	112.9	130	113
Benana	45.2	39.2	42.9	56.1	183.3	50	183
Hickory	0.0	0.0	0.0	0.0	0.0	150	0
Turner 18.2	32.4	30.6	20.8	1.3	85.2	50	85
Turner 38.4	0.0	0.0	0.0	0.0	0.0	0	0
8th Street	71.7	59.9	61.8	65.9	259.4	200	259
Brooks	0.0	0.0	0.0	0.0	0.0	0	0
RP3	34.8	33.4	7.3	23.2	98.8	100	98
Deleaz	47.2	61.9	24.1	46.1	201.3	150	201
Victoria	0.0	0.0	0.0	0.0	0.0	0	0
San Serrano	0.0	0.0	0.0	0.0	0.0	0	0
Total	283.1	267.6	173.4	216.7	940.8	850	940



**RECEIVE AND
FILE**

4C

Recycled Water Semi-Annual Update FY 2015/16



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Andy Campbell

August 25, 2016 & September 1, 2016
IEUA Regional Sewerage Program
Technical & Policy Committees

RW Project- Wineville Pipeline

■ Wineville Extension to RP3

- Capital Improvements Complete
- Approx. 3,000 AFY RW Capacity
- Increased RP3 Delivery Capacity
 - 4 cfs to 20 cfs
 - Initiated Sept. 9 2015
 - RP3 RW 15/16 delivery was 3282 AF
- Allows Declez Basin RW Start-Up
 - 4 to 8 cfs
 - Initiated Dec. 23, 2015
 - Declez RW 15/16 delivery was 969 AF



RW Project- San Sevaine

- San Sevaine 5 Pump Station & Pipeline to upper 3 Basins
 - 85% design August 2016
 - January 2017 Bid & Award
 - 1 year Construction
 - Estimated Completion January 2018
 - Approx. 4,000-6,000 AFY RW Capacity



RW Projects

- Prop 1 Grant Projects
 - State Board requested additional CEQA Information
 - Pending Award Notifications (1) December 2016 and (2) February 2017

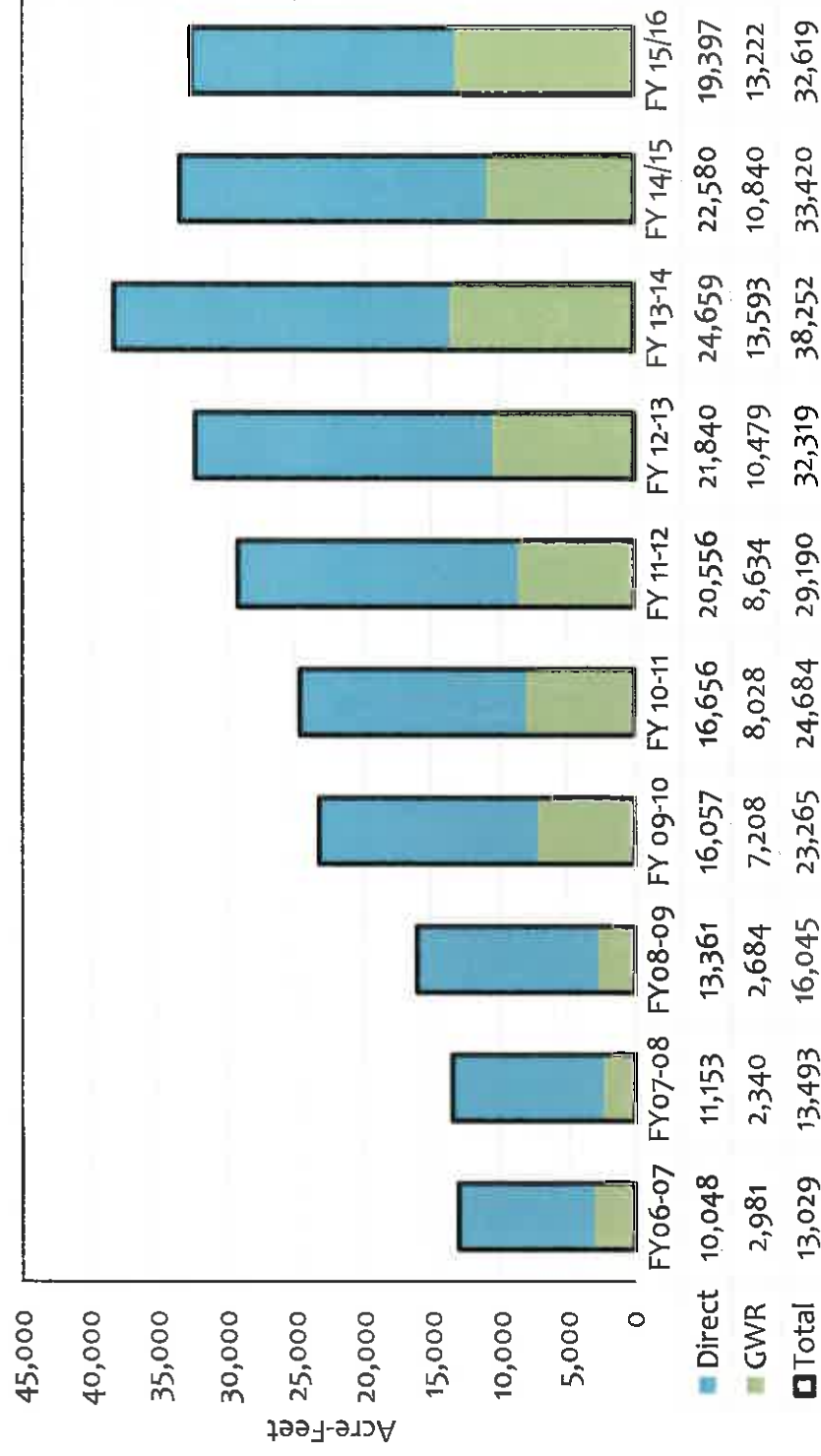
Project Name	Status	Estimated Completion Date	Project Benefit (AFY)	Prop 1 Group
San Sevaine Basin Improvements	Design	Jan-18	4,000 - 6,000	1
Napa Lateral	Pre Design	Dec-18	1,000	1
RP-1 1158 PS Upgrades	Pre Design	Jul-19	Reliability	2
RP-5 RW Pipeline Bottleneck	Pre Design	Dec-18	Reliability	2
Pressure Sustaining Valve Installation	Pre Design	Dec-18	Reliability	2
RP-1 Parallel Outfall Pipeline	Pre Design	Dec-18	Reliability	2
Baseline RW Extension	Pre Design	Dec-18	100	2
City of Ontario Euclid/Riverside Pipeline	Design	Dec-18	600 - 1,200	2

■ 1630 W and 1630 E Surge Projection Projects

- Estimated completion: October 2016

August 25, 2016 & September 1, 2016
IEUA Regional Sewerage Program
Technical & Policy Committees

FY15/16 RW Demand



RW GWR Allocations

Agency	Pro Rata Share	Recharge Allocation (Acre-Feet) FY15/16
Chino	10.6%	1,319
Chino Hills	8.9%	1,112
CVWD	25.2%	3,140
Fontana	19.2%	2,399
Montclair	4.5%	556
Ontario	21.7%	2,703
Upland	10.0%	1,243
Total	100.0%	
JCSD's Allocation:		750
Total Amount Recharged:		13,222