



Regional Sewerage Program Technical Committee Meeting

AGENDA

Thursday, February 26, 2015

4:00 p.m.

Location

Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708

Thursday, February 26, 2015

Call to Order and Roll Call

1. Approval of Minutes

- A. Minutes of January 29, 2015 Meeting

2. Action Items

- A. Proposed Multi-Year EDU Volumetric Rate Adoption for Fiscal Years 2015/16 – 2019/20 (Written/PowerPoint)
- B. Adoption of Ten-Year Capital Improvement Plan (Written/PowerPoint)

3. Informational Items

- A. Recycled Water Semi-Annual Update (Written/PowerPoint)
- B. Mid-Year Building Activity Update (PowerPoint)

4. Receive and File

- A. Draft Regional Policy Committee Agenda
- B. Building Activity Report (YTD)
- C. Recycled Water Operations Summary

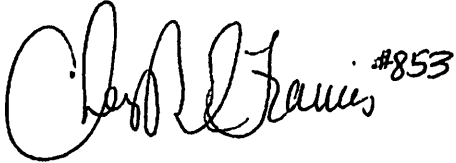
5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting –March 26, 2015

6. Adjournment

DECLARATION OF POSTING

I, Cheyanne Reseck-Francis, Administrative 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 Thursday, February 19, 2015.



Cheyenne Reseck-Francis

**APPROVAL OF
MINUTES**

1A



Regional Sewerage Program Technical Committee Meeting

MINUTES OF January 29, 2015 MEETING

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held on Thursday, January 29, 2015, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, Chino, California. Ryan Shaw, City of Ontario, called the meeting to order at 4:04 p.m.

ATTENDANCE

Committee Members:

Jesus Plasencia	City of Chino
Steve Nix	City of Chino Hills
Tony Mata	City of Fontana
Mike Hudson	City of Montclair
Ryan Shaw	City of Ontario
Rosemary Hoerning	City of Upland
Braden Yu	Cucamonga Valley Water District
P. Joseph Grindstaff	Inland Empire Utilities Agency

Absent Committee Members:

None.

Others Present:

Toby Weissert	Carollo Engineers
Robb Grantham	Carollo Engineers
Nadeem Majaj	City of Chino Hills
Mark Wiley	City of Chino Hills
Dan Chadwick	City of Fontana
Nicole deMoet	City of Montclair
Shawn Perumean	Cucamonga Valley Water District
Craig Proctor	Inland Empire Utilities Agency
Kathy Besser	Inland Empire Utilities Agency
Tina Cheng	Inland Empire Utilities Agency
Elizabeth Hurst	Inland Empire Utilities Agency
Javier Chagoyen-Lazaro	Inland Empire Utilities Agency
Chris Berch	Inland Empire Utilities Agency
Christina Valencia	Inland Empire Utilities Agency
Majid Karim	Inland Empire Utilities Agency

Sylvie Lee	Inland Empire Utilities Agency
Cheyenne Reseck-Francis	Inland Empire Utilities Agency

1. APPROVAL OF MINUTES**A. Minutes of November 20, 2014 Meeting**

Motion: By Braden Yu/CVWD and seconded by Jesus Plasencia/City of Chino to approve the minutes of the November 20, 2014 Technical Committee meeting.

Motion carried: Unanimously.

(Committee Member Rosemary Hoerning entered the meeting room at 4:12 p.m.)

2. INFORMATIONAL ITEMS**A. Draft Ten-Year Capital Improvement Plan**

Elizabeth Hurst/IEUA gave a presentation highlighting the key drivers of the FY15/16 TYCIP, 10-year EDU growth forecast, member agency wastewater flow projections, Wastewater Facilities Master Plan Update wastewater flow projections, influent wastewater loadings, TYCIP by fund and funding source, budget estimate by fund, major project summary by location, and the current schedule for TYCIP completion for FY15/16. She stated that the key drivers for the completion of the TYCIP are the growth projections provided by each of the member agencies and several planning documents, including: the Wastewater Facilities Master Plan Update, Asset Management Plan, Recycled Water Program Strategy, Energy Management Plan, and the Integrated Resources Plan. Ms. Hurst stated that the completion of the TYCIP was coordinated with several departments within the Agency, including: Planning, Engineering, Operations, and Finance. She stated that the growth projections provided by the member agencies projected an additional 40,523 EDUs over the next ten years, increasing wastewater flow projections from 52.2 to 62.1 million gallons per day (MGD). She stated that as a result, most projects included in the TYCIP are for improvements at treatment plants, and include: the relocation of the RP-2 Solids Treatment Facility to RP-5, RP-5 liquid treatment expansion, and RP-1 process improvements. Ms. Hurst explained that of the \$908 million total, approximately 65% is funded by state revolving fund (SRF) loans and low-interest bonds, with the remainder of funding coming from grants and other outside sources, such as repayment by member agencies for the completion of some projects already identified in the project listing.

Mr. Berch/IEUA thanked Ms. Hurst for her assistance with streamlining this document from previous years and commended her efforts in coordinating with other departments to complete this document.

B. Draft Five-Year Rates and Budget

Christina Valencia/IEUA gave a presentation highlighting the economic impact on rates, the effect on the Agency's policy to defer rate increases by the rise in property taxes, the key objectives of fiscal responsibility, water reliability, wastewater management, workplace environment, and business practices, funding sources for the TYCIP, projected reserves in each of the Agency's funds, and the benefits of the proposed rate changes.

Ms. Valencia introduced Mr. Robb Grantham of Carollo Engineers (Carollo), who provided an overview of the connection fee and rate study performed by Carollo.

Mr. Grantham/Carollo stated that the study includes four main components: connection fees, potable water rates, recycled water rates and public involvement through outreach and implementation. He stated that objectives for determining connection fees are legal compliance, equitable allocation of program costs between existing and future users, covering cost of service, and system reliability. Mr. Grantham stated that the objectives for determining water rates are: equitable allocation of program costs to member agencies, a sustainable rate structure that accounts for future changing conditions, and a reliable and predictable revenue stream and cost structure. He explained that the recovery of system costs is based on accounts, by meter, and by water demands, with consideration for the recovery of readiness-to-serve (RTS) costs, program administration costs, recycled water rates, and existing conservation and drought resiliency programs.

Ms. Valencia resumed her presentation, clarifying that the discrepancy between some of the project cost numbers in the TYCIP and the rate/budget presentation are due to Ms. Hurst determining what portion of the capital projects truly are rehabilitation and replacement (R&R) related and calling them out accordingly, and that, while the total sums should be the same, the TYCIP project costs numbers will provide for updating the rate/budget project cost numbers to coincide. She concluded with the current schedule for approval of the multi-year rates and biennial budget, with anticipated adoption of the EDU volumetric rate in March 2015, anticipated adoption of the wastewater connection fee, recycled water rates, one water connection fee, readiness-to-serve (RTS) recovery, and Meter Equivalent Unit (MEU) rates in May 2015, and potential implementation of all in October 2015.

3. RECEIVE AND FILE ITEMS

A. Draft Special Joint IEUA/Regional Policy Agenda

The Draft Special Joint IEUA/Regional Policy Agenda was received and filed by the Committee.

B. Draft Minutes of the Pretreatment Committee

The Draft Minutes of the Pretreatment Committee were received and filed by the Committee.

C. Planning Documents Update

The Planning Documents Update was received and filed by the Committee.

D. Building Activity Report (YTD)

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

E. Recycled Water Operations Summary

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

F. IEUA 2nd Quarter Water Update

The IEUA 2nd Quarter Water Update was received and filed by the Committee.

4. OTHER BUSINESS

A. IEUA General Manager's Update

P. Joseph Grindstaff reported the following:

- The snowpack is down 25% of the normal level for this time period.
- The MWD Water Supply Allocation Plan (WSAP): MWD will be discussing the plan, and the possibility of imposing it on July 1, 2015, at their next meeting.
- In Northern California, January 2015 was the driest January on record.

B. Committee Member Requested Agenda Items for Next Meeting

None.

C. Committee Member Comments

Ryan Shaw/City of Chino requested information regarding the next steps in the process on the Recycled Water Policy Principles.

Sylvie Lee/IEUA responded that comments have been received by member agencies and another meeting will be scheduled sometime in February to go over any updates/changes and to get a consensus among the member agencies.

D. Next Meeting – February 26, 2015

5. ADJOURNMENT - Meeting was adjourned at 5:31 p.m.

Transcribed
by:


Cheyenne Reseck-Francis
Administrative Assistant, IEUA

**ACTION
ITEM**

2A

Date: February 26/March 5, 2015

To: Regional Committees

From:  Inland Empire Utilities Agency

Subject: Proposed Multi-Year EDU Volumetric Rate Adoption for Fiscal Years 2015/16 – 2019/20

RECOMMENDATION

It is recommended that the Regional Technical and Policy Committees (Regional Committees) review and make recommendation to the IEUA Board of Directors to approve the proposed multi-year Equivalent Dwelling Unit (EDU) Volumetric rate for Fiscal Year (FYs) 2015/16 to 2019/20 for the Agency's Regional Wastewater Operations and Maintenance (RO) fund.

BACKGROUND

Fiscal year 2014/15 is the final year of the three-year rates adopted by the Board of Directors (the Board) in February 2012 for the Agency's Regional Wastewater and Recycled Water programs. The adoption of multi-year rates proved beneficial to both the Agency and its member agencies in terms of providing revenue stability, moving rates closer to full cost of service recovery consistent with the IEUA Business Goal of Fiscal Responsibility, and lessening Proposition 218 requirements.

In May 2014, Carollo Engineers, Inc. (Carollo) was contracted to conduct a nexus study to update the Agency's regional wastewater EDU connection fee. The scope of the study was expanded to include an in-depth evaluation of the existing rates for the Water Resources and Recycled Water programs. A key objective of the study is to achieve revenue stability for each of the programs to adequately support short term and long term projects as identified in the Agency's planning documents, amongst them: the Integrated Resources Plan, Recycled Water Program Strategy, Water Use Efficiency Plan, and Ten Year Capital Improvement Plan (TYCIP). Another key objective of the study is to ensure a more equitable allocation of costs by providing a closer nexus between how costs are incurred and how costs are recovered. The scope of the study includes:

- **Regional Wastewater EDU Connection Fee** – A one-time charge imposed on new or upsized meters or connections to compensate for the cost providing system capacity. This source of revenue supports capacity expansion and improvement of the regional wastewater system to meet future growth.
- **Recycled Water Program Rates:** The rates support costs associated with the operations

and maintenance of the Agency's recycling facilities, groundwater recharge basin operating costs not reimbursed by Chino Basin Watermaster, and debt service costs. Recycled water provides the region with a reliable and affordable local water supply, reduces reliance on limited imported water supplies, and support the region's water portfolio and "drought resiliency" objective (IEUA Business Goal: Water Sustainability).

- **Water Resources Program Rates:** support the management and distribution of imported water supplies, development and implementation of regional water use efficiencies, water resource planning, and regional water supply programs. Current rates do not generate adequate revenue streams to support program costs and inequitably allocate costs to ratepayers. The proposed new rate structure addresses these issues and includes:
 - **Meter Equivalent Unit (MEU) rate:** supports Water Resources program operating costs, including the regional conservation program.
 - **Readiness to Serve (RTS) Recovery:** recovers pass through of Metropolitan Water District (MWD) RTS fees using the same 10 year rolling average methodology.
 - **"One water" Connection Fee** - supports future expansion and improvement of the Agency's regional water system which is comprised of potable, recycled water, and groundwater recharge supplies, as well capital conservation projects. Continual investment in securing reliable and sustainable water supplies is essential to ensuring the region continues to prosper from future economic development.

In addition to the rate workshops facilitated by Carollo (Appendix 1), two budget workshops have been held for the Agency's Board of Directors and the Regional Committees. The budget workshops focused on the proposed multi-year rates for FYs 2015/16 to 2019/20 for the Agency's Regional Wastewater, Recycled Water and Water Resources Programs, and the proposed TYCIP for FYs 2015/16 to 2024/25. At the second budget workshop on February 3, 2015 (Special Joint Meeting), the Board and Policy members recommended the adoption of the proposed monthly EDU volumetric rates for FYs 2015/16 to 2019/20 in March 2015, with an effective date of October 1, 2015. The March adoption will allow the City of Fontana to meet its submittal deadline to the San Bernardino County Tax Assessor for inclusion in next year's property tax roll.

Evaluation of the other proposed multi-year rates for the Agency's Regional Wastewater, Recycled Water, Water Resources programs, including the proposed new "one-water" connection fee will continue with a targeted adoption date of May 20, 2015. Staff is recommending an effective date of October 1, 2015 (Appendix 2) for all FY 2015/16 rates. The effective date for the ensuing fiscal years would be July 1st for all rates.

Regional Wastewater Program Rates

The Regional Wastewater Program is comprised of the Regional Wastewater Capital Improvement (RC) fund and the Regional Wastewater Operations & Maintenance (RO) fund. The RC fund records the capital, debt, and administration activities related to the acquisition, construction, expansion, improvement and financing of the Agency's regional water recycling plants, large sewer interceptors, energy generation, and solids handling facilities. Key revenue and funding sources for the RC fund includes: EDU connection fees, property taxes (65% allocation of total tax receipts), and grants and loan proceeds.

The key revenue and funding sources for the RO fund include: EDU volumetric charges, property taxes, and reimbursement from the Inland Empire Regional Composting Authority (IERCA) for labor and operating costs. Major expenses include operating costs for the collection, treatment, and disposal of wastewater, maintenance and capital replacement and rehabilitation (R&R) costs of regional facilities and infrastructure, organic management activities, including the Agency's 50 percent share of the IERCA composter, and debt service costs. The only rate recommended to be adopted in March 2015 is the monthly EDU volumetric charge.

EDU Volumetric Rate

EDU Volumetric rate is a monthly charge imposed on all regional wastewater system connections. This service charge supports operational, maintenance and administrative costs related to the collection, treatment and disposal of wastewater throughout the Agency's service area and unincorporated areas. It also covers R&R costs of regional wastewater facilities and infrastructure, and debt service costs. Pursuant to the Agency's commitment to have rates that fully recover the cost of service, incremental increases to the monthly EDU volumetric rate are proposed over the next five fiscal years (Table 1).

Table 1: Proposed Multi-Year EDU Volumetric Rates (Effective October 1, 2015)

Program	Rate Description	FY 2014/15 Current	FY 2015/16 Proposed	FY 2016/17 Proposed	FY 2017/18 Proposed	FY 2018/19 Proposed	FY 2019/20 Proposed
Regional Wastewater	Monthly EDU Volumetric	\$14.39	\$15.89	\$17.14	\$18.39	\$19.59	\$20.00

The proposed \$15.89 per EDU for FY 2015/16 is recommended to take effect on October 1, 2015. If approved, the current rate \$14.39 per EDU will remain through September 30, 2015. Postponement of the proposed EDU rate to October 1st is estimated to result in a decrease of \$1.2 million in EDU volumetric revenue. Proposed rates for FYs 2016/17 to 2019/20 will be effective on July 1st.

Based on current assumptions, full cost of service, or recovery of O&M, R&R, and debt service costs, is projected to be reached in FY 2018/19, as shown on Figure 1.

Figure 1: EDU Volumetric Rate Cost of Service



Key Budget Assumptions

Table 2 summarizes the RO fund primary funding sources and uses of funds over the next five fiscal years based the proposed multi-year rates and key budget assumptions. A Sources and Uses of Fund report for FYs 2015/16 to 2019/20 is provided in Exhibit A.

**Table 2: Regional Wastewater Operations and Maintenance (RO) Fund
Key Budget Assumptions**

(\$Millions)	5 Year Totals	Comments
Revenues and Other Funding Sources		
EDU Volumetric	\$292	Assumes annual growth factor of 0.25% in the number of billable monthly EDUs.
Property Tax	\$48	No change in the allocation of 22% and the level of property tax receipts. After achieving full cost of service, property taxes will be set aside to support the relocation of RP-2 solids handling to RP-5, rehabilitation of RP-1 and decommissioning of RP-2.
Expenses and Other Uses of Fund		
O&M (net IERCA labor costs)	\$270	Assumes 3% annual average inflationary increase.

<i>(\$Millions)</i>	5 Year Totals	Comments
Expenses and Other Uses of Fund (cont.)		
Capital Replacement & Rehabilitation (R&R)	\$55	Capital project spending – partially supported by SRF loans and grants: <ul style="list-style-type: none"> • Water Quality Laboratory Replacement • Chino Creek Wetlands and Educational Park Upgrades
Debt Service	\$3	Share of principal and interest costs for the 2008A Revenue Bonds and debt service costs for the laboratory's SRF loan.

Cost of Service (COS) Components

The RO fund COS components include:

- O&M expenses (82%) budgeted at an average 3% annual increase,
- R&R (17%) capital projects for the rehabilitation and replacement of regional wastewater facilities and infrastructure,
- Debt service costs (1%) include a share of 2008A Revenue Bonds and future SRF loan for the Water Quality Laboratory replacement project.

The components and percentages of the total expenditures are summarized in Table 3.

Table 3: Regional Wastewater Operations and Maintenance (RO) Fund Expenses and Other Uses of Funds

Expense Category	Budget %	Description
Employment	37%	Regional Operations employment net of IERCA labor is 37 percent of the total program expense and 60 percent of the Agency's total employment costs.
Utilities	12%	Includes purchase of electricity from Southern California Edison, or the grid, use of natural gas, and purchase of renewable energy generated on site from solar, wind, and fuel cell.
Chemicals	7%	Assumes an average of 3% inflationary factor Major chemical used are Sodium Hypochlorite for disinfection, Polymer to enhance solids settling in primary clarifier and Ferric chloride to optimize treatment performance.

Expense Category	Budget %	Description
Biosolids Recycling	6%	Includes operating/tipping fees payable to the IERCF for biosolids processing, and hauling costs. 100% of the Agency's biosolids are processed at the IERCA composter.
Professional Fees & Services	5%	Includes contract work and materials for regional wastewater facilities and equipment.
Materials & Supplies/Office & Administrative	4%	Operations and maintenance supplies for facility maintenance.
O&M Projects	2%	Major O&M maintenance and repair projects.
Operating Fees	2%	Includes permits and user charges for discharge of RP-1 centrate to the Non-Reclaimable Wastewater system.
Other Expenses	7%	Includes office and administration, leases and rentals, and allocated expenses for operation facilities.
Capital Replacement & Rehabilitation (R&R)	17%	R&R capital projects for regional wastewater related equipment and structures.
Debt Service	1%	Share of principal and interest costs for the 2008A Revenue Bonds and future repayment of the SRF Loan for the Water Quality Laboratory replacement.
Total	100%	

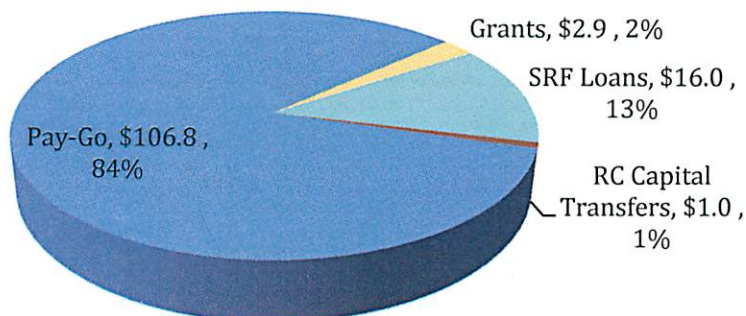
Capital Rehabilitation and Replacement (R&R) Projects

Except for the Water Quality Laboratory replacement project which is funded with a State Revolving Fund (SRF) loan, net of principal forgiveness (grant), the majority of the RO fund capital projects are primarily funded on a pay-go basis (Table 4 and Figure 2). Pay-go is a combination of user charges and property taxes (until full cost of service is achieved in FY 2018/19).

**Table 4: Regional Wastewater Maintenance & Operations (RO) Fund
Major Capital Projects**

Project	Timeframe (Fiscal Years)	Ten Year Project Costs (\$Millions)
Regional Wastewater Projects Asset Management Plan (AMP)	2020/21 – 2024/25	\$50.0
Water Quality Laboratory Replacement	2015/16 – 2018/19	\$17.8
SCADA Enterprise System	2015/16 – 2018/19	\$8.7
RP-5 Process Improvements	2019/20 – 2021/22	\$6.3
RP-4 Process Improvements	2016/17 – 2018/19	\$5.2
All Other Projects	2015/16 – 2024/25	\$38.7
RO Total:		*\$126.7

Figure 2: R&R Projects Funding Sources

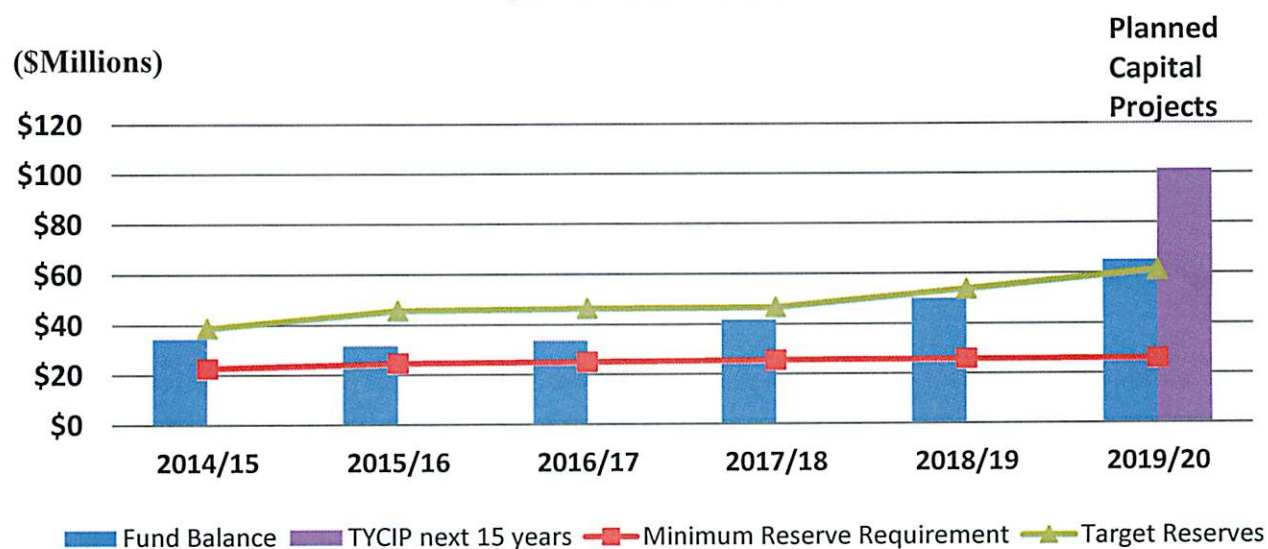


**\$126.7M includes \$12.5M O&M projects and \$114.2M R&R capital projects*

RO Fund Balance

The RO Fund balance in FY 2015/16 is estimated to be \$32 million; a decrease of 2.5 million, or approximately 7%, relative to the FY 2014/15 projected ending fund balance of \$34.5 million. The adoption of the proposed the multi-year rates and achievement of full cost of service by FY 2018/19 will allow the designation of property taxes to support future capital requirements estimated at \$101 million over the next 15 years, as indicated by the purple bar in FY 2019/20 on Figure 3.

Figure 3: Regional Wastewater Operations and Maintenance (RO) Fund Projected Reserve Balance



Closing

Consistent with the Regional Sewage Service Contract and the IEUA Business Goals, the proposed five year EDU volumetric rate will achieve full cost of service (COS); fully recovering the O&M, R&R, and debt service cost for the Agency's Regional Wastewater O&M (RO) fund. Reaching cost of service will allow the use of property taxes allocated to the RO fund to be set aside to support major capital projects over the next 15 years, including the relocation of the RP-2 solids handling to RP-5, rehabilitation of RP-1 and ultimate decommissioning of the RP-2 site. The RP-2 plant is located on land leased from the US Army Corps of Engineers (the Corps) and is within the flood zone behind Prado Dam. The Corps and Orange County Flood Control District have plans to raise the maximum operational water level behind Prado Dam by 2021 triggering the need to relocate the RP-2 solids handling to RP-5. The lease is set to expire in 2035.

Table 5 is the timeline for adoption of the proposed multi-year rates.

Table 5: Multi-Year Rates Adoption Timeline

Date	Meetings
EDU Volumetric Rate	
2/26/15, 3/5/15	Regional Technical Committee / Regional Policy Committee
3/11/15, 3/18/15	IEUA Committee Recommendation/IEUA Board Approval
Wastewater Connection Fee, Recycled Water Rates, One Water Connection Fee, RTS Recovery, and Meter Equivalent Unit (MEU) rates	
3/10/15	Cost of Service Workshop #4: Connection Fees/Water Rates
4/1/15	Special Joint Mtg of the IEUA Board & Regional Policy Committee
4/14/15	Final Cost of Service Workshop #5: Connection Fees/Water Rates
4/30/15, 5/7/15	Regional Technical Committee / Regional Policy Committee
5/13/15, 5/20/15	IEUA Committee Recommendation/IEUA Board Approval
10/1/15	Recommended effective date for FY 2015/16 rates.

Attachments:

Exhibit A– Regional Wastewater O&M (RO) Fund Sources and Uses of Funds Report
Appendix 1 – Rates study workshops and meetings schedule

Exhibit A: RO Fund FYs 2015/16 to 2019/20 Sources and Uses of Fund Report

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2015/16 BUDGET
RO FUND - SOURCES AND USES OF FUNDS

	2012/2013	2013/2014	2014/2015	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
	ACTUAL	ACTUAL	AMENDED BUDGET	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST			
REVENUES									
User Charges	39,569,548	42,970,542	45,988,286	45,988,286	49,696,196	55,023,361	59,173,099	63,182,341	64,630,396
Cost Reimbursement JPA	3,252,652	3,054,632	3,471,033	3,211,133	3,378,369	3,470,762	3,572,316	3,658,482	3,736,974
Contract Cost Reimbursement	516,774	65,541	93,000	93,000	93,000	93,000	93,000	93,000	93,000
Interest Revenue	128,956	149,869	165,000	165,000	142,000	150,000	250,000	430,000	650,000
TOTAL REVENUES	43,467,930	46,240,584	49,717,319	49,457,419	53,309,565	58,737,123	63,088,415	67,363,823	69,110,370
OTHER FINANCING SOURCES									
Property Tax Revenues - Debt/Capital/Re	10,407,455	8,634,143	8,844,764	8,540,378	8,967,396	9,326,092	9,605,875	9,797,993	9,993,952
Grants	42,258	34,851	0	0	525,169	525,169	0	0	0
Other Revenues	598,464	724,766	565,416	565,416	738,000	756,540	775,636	795,305	815,564
TOTAL OTHER FINANCING SOURCES	11,048,177	9,393,760	9,410,180	9,105,794	11,178,124	18,264,451	17,745,148	10,675,116	10,809,517
EXPENSES									
Employment Expenses	23,614,915	23,035,268	28,380,805	25,333,949	26,653,344	27,382,268	28,183,469	28,863,275	29,482,528
Contract Work/Special Projects	130,522	585,650	3,004,240	1,023,700	1,500,000	1,300,000	1,300,000	1,300,000	1,300,000
Utilities	6,100,836	6,561,280	7,164,307	6,877,735	7,379,469	7,600,856	7,828,881	8,063,816	8,308,021
Operating Fees	579,760	683,310	1,157,589	1,607,589	1,107,252	1,137,262	1,170,515	1,202,963	1,237,734
Chemicals	3,578,136	4,125,729	4,715,529	4,526,908	4,593,104	4,730,898	4,872,824	5,019,008	5,169,579
Professional Fees and Services	1,872,563	2,132,842	3,493,950	2,969,858	2,679,964	2,751,834	3,106,797	3,283,538	3,494,121
Office and Administrative expenses	19,220	21,534	351,280	434,430	435,463	436,528	437,623	438,752	439,913
Biosolids Recycling	3,322,651	3,527,828	3,557,924	3,557,924	3,775,007	4,001,141	4,121,175	4,244,810	4,329,707
Materials & Supplies	1,688,761	1,653,604	2,129,332	1,809,932	1,914,334	2,190,850	2,143,745	2,208,337	2,395,311
Other Expenses	862,027	1,290,346	4,161,034	4,292,133	4,493,602	4,400,995	4,352,074	4,103,849	4,328,684
TOTAL EXPENSES	41,769,391	43,617,391	58,115,990	52,434,157	54,531,539	55,932,632	57,517,104	58,728,348	60,485,597
CAPITAL PROGRAM									
TOTAL CAPITAL PROGRAM	6,094,290	5,129,083	11,377,344	7,694,600	12,620,000	17,350,000	13,600,000	9,150,000	2,485,000
DEBT SERVICE									
TOTAL DEBT SERVICE	218,576	214,519	214,585	214,585	215,785	215,785	942,293	942,293	942,293
TRANSFERS IN (OUT)									
Capital Contribution	(400,000)	0	0	0	81,818	(1,545,455)	(790,909)	(1,195,455)	(1,200,000)
Debt Service	0	0	0	0	0	0	181,627	181,627	181,627
Property Tax Transfer	0	(2,200,000)	0	0	0	0	0	0	0
TOTAL INTERFUND TRANSFERS IN (OUT)	(400,000)	(2,200,000)	0	0	81,818	(1,545,455)	(609,282)	(1,013,828)	(1,018,373)
FUND BALANCE									
Net Income (Loss)	6,033,850	4,473,351	(10,580,420)	(1,780,129)	(2,797,817)	1,957,701	8,164,884	8,204,471	14,988,624
Fund Bal Adju to FY 11/12 CAFR									
Beginning Fund Balance July 01	25,798,903	31,832,753	36,306,104	36,306,104	34,525,975	31,728,158	33,685,859	41,850,743	50,055,214
ENDING FUND BALANCE AT JUNE 30	31,832,753	36,306,104	25,725,684	34,525,975	31,728,158	33,685,859	41,850,743	50,055,214	65,043,838
RESERVE BALANCE SUMMARY									
Capital / Operation Contingencies	13,923,130	14,539,132	19,372,000	17,478,054	17,051,060	17,487,292	17,981,598	18,356,624	18,916,210
Rehabilitation/Replacement	17,693,838	20,824,679	6,137,899	16,832,136	14,461,313	15,256,270	22,926,849	30,756,297	45,185,335
Debt Service & Redemption	215,785	942,293	215,785	215,785	215,785	942,293	942,293	942,293	942,293
ENDING BALANCE AT JUNE 30	31,832,753	36,306,104	25,725,684	34,525,975	31,728,158	33,685,859	41,850,743	50,055,214	65,043,838

Appendix 1: Rates Study Workshops and Meetings

Meeting	Discussion	Date
Cost of Service Workshop #1	Connection Fees	11/18/14
Cost of Service Workshop #2	Connection Fees	12/11/14
Cost of Service Workshop #3	Water Rates	1/13/15
Special Joint Meeting IEUA Board/Regional Policy Committee	Proposed Rates	2/4/15
Member Agency Meetings	Proposed Rates	January-May
Cost of Service Workshop #4	Connection Fees/Water Rates	3/10/15
Special Joint Meeting IEUA Board/Regional Policy Committee	Proposed Rates	4/1/15
Final Workshop	Proposed Rates	4/14/15

IEUA Proposed Multi-Year EDU Volumetric Rates for Fiscal Years 2015/16 - 2019/20



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Regional Committees
February 26/March 5

Proposed Timeline

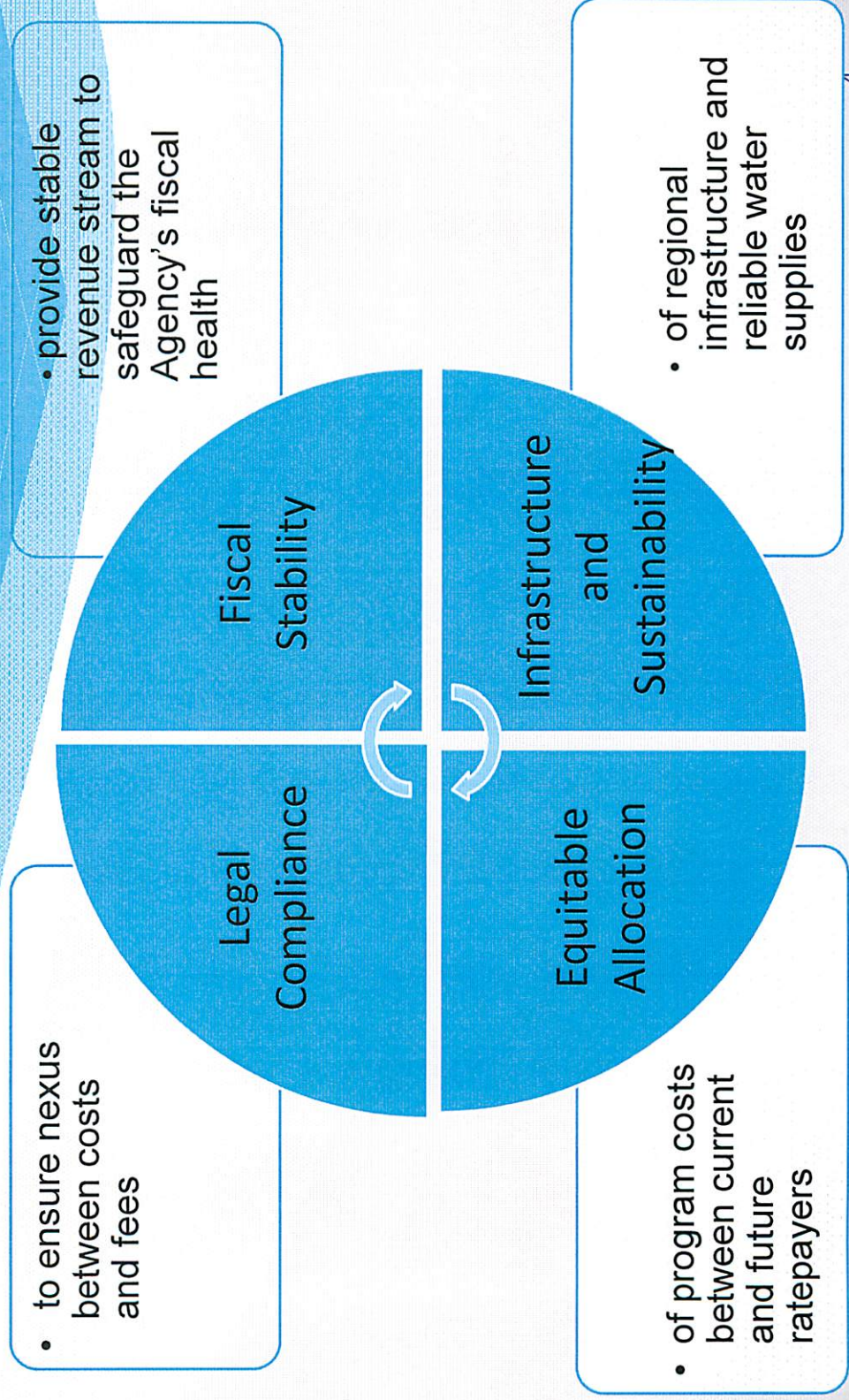
Multi-Year Rates FYs 2015/16 - 2019/20

Program	Rate	Proposed Adoption Date	Effective Date
Regional Wastewater	Monthly Volumetric EDU	3/18/15	10/1/15
	Connection Fees		
	Direct Delivery per AF		
Recycled Water	Groundwater Recharge per AF	5/20/15	10/1/15
	"One Water" Connection Fees		
	Meter Charge	Replaced with RTS Recovery Rate	
Water Resources	AF Surcharge	Replaced with MEU Rate	
	Meter Equivalent Units (MEUs)		
	RTS Recovery	5/20/15	10/1/15

Review Process

Meeting	Discussion	Date
Cost of Service Workshop #1	Connection Fees	11/18/14
Cost of Service Workshop #2	Connection Fees	12/11/14
Cost of Service Workshop #3	Water Rates	1/13/15
Special Joint Meeting IEUA Board/Regional Policy Committee	Proposed Rates	2/4/15
Member Agency Meetings	Proposed Rates	January-May
Cost of Service Workshop #4	Connection Fees/Water Rates	3/10/15
Special Joint Meeting IEUA Board/Regional Policy Committee	Proposed Rates	4/1/15
Final Workshop	Proposed Rates	4/14/15

Key Rate Objectives



Benefits

```
graph TD; B((Benefits)) --- B1((Provides necessary resources to support investment in water reliability and sustainability in the region to ensure continual economic development.)); B --- B2((Allocates costs more equitably between current and future users.)); B --- B3((Provides for no change in the allocation of property taxes within the funds.)); B --- B4((Affords revenue stability to the Agency and member agencies.)); B --- B5((Achieves full cost of service in a reasonable timeframe.))
```

Provides necessary resources to support investment in water reliability and sustainability in the region to ensure continual economic development.

Allocates costs more equitably between current and future users.

Provides for no change in the allocation of property taxes within the funds.

Affords revenue stability to the Agency and member agencies.

Achieves full cost of service in a reasonable timeframe.

Regional Wastewater EDU Monthly Volumetric Rate

Effective on October 1, 2015

Monthly
Volumetric
EDU Rate

Full cost recovery
achieved in FY 2018/19

----- Proposed -----

FY	FY	FY	FY	FY	FY
2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
\$14.39	\$15.89	\$17.14	\$18.39	\$19.59	\$20.00

What is an EDU Volumetric Rate?

Monthly charge imposed on all regional wastewater system connections.

What does it cover?

Operational, maintenance and administrative costs related to the collection, treatment and disposal of wastewater throughout the Agency's service area and unincorporated areas.

Replacement & Rehabilitation (R&R) costs of regional wastewater facilities and infrastructure.

Debt service.

How does this benefit?

Ensures wastewater treatment meets regulatory compliance.

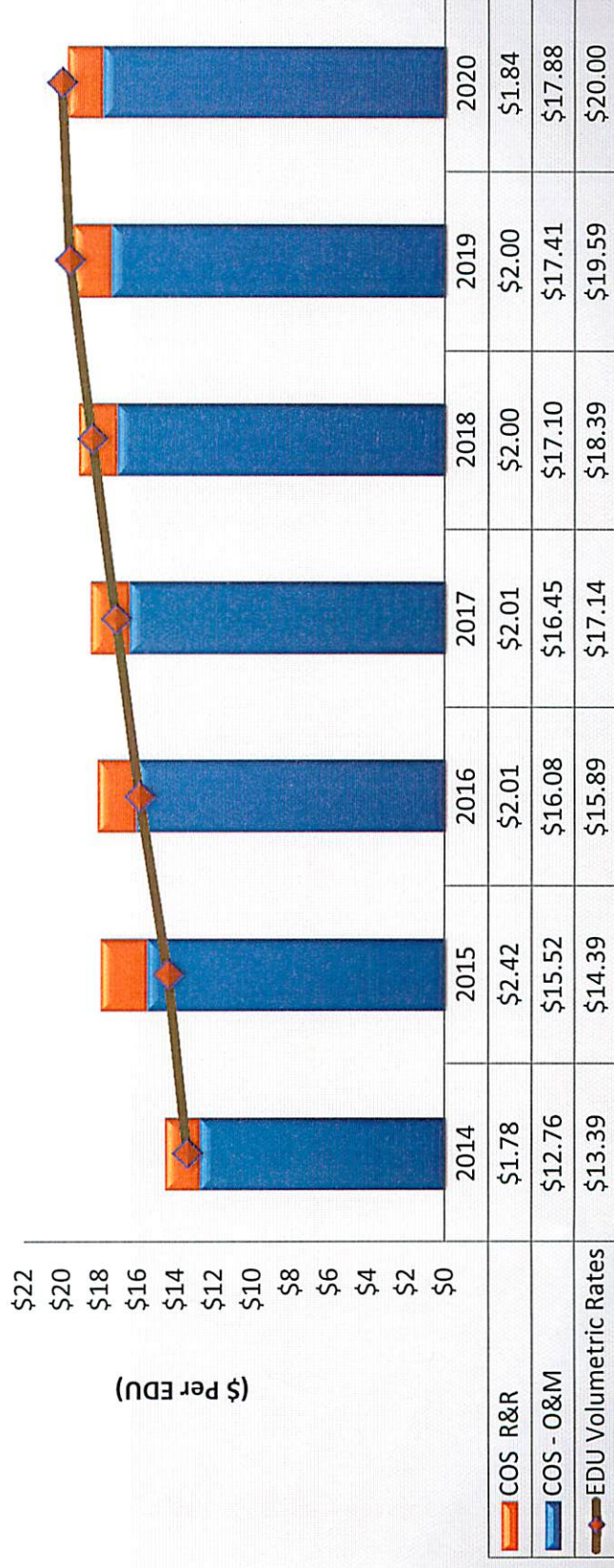
Protection of public health and environmental sustainability.

Achieving full cost of service will reduce reliance on property tax subsidies.

Allow use of property taxes to support major capital costs in the future.

EDU Volumetric Rate Cost of Service

- Achieves full cost of service recovery by FY 2018/19.
- Reduces reliance of property tax to subsidize O&M and R&R costs.
- Allows for the use of property taxes to support future capital requirements; RP-2/RP-5 Solids Handling Relocation, RP-1 Rehabilitation and RP-2 Decommission.



Key Budget Assumptions

RO Fund

(\$Millions)	5 Year Totals	Comments
Revenues and Other Funding Sources		
EDU Volumetric	\$292	Assumes annual growth factor of 0.25% in the number of billable monthly EDUs.
Property Taxes	\$48	No change in the allocation of 22% and the level of property tax receipts. After achieving full cost of service, property taxes will be set aside to support the rehabilitation of RP-1 and decommissioning of RP-2.
Expenses and Other Uses of Fund		
O&M (net IERCA labor costs)	\$270	Assumes 3% annual average inflationary increase.
Replacement & Rehabilitation (R&R) capital projects	\$55	Capital project spending – partially supported by SRF loans and grants: <ul style="list-style-type: none"> • Water Quality Laboratory Replacement • Chino Creek Wetlands and Educational Park Upgrades
Debt Service	\$3	Share of principal and interest costs for the 2008A Revenue Bonds and debt service costs for the laboratory's SRF loan.

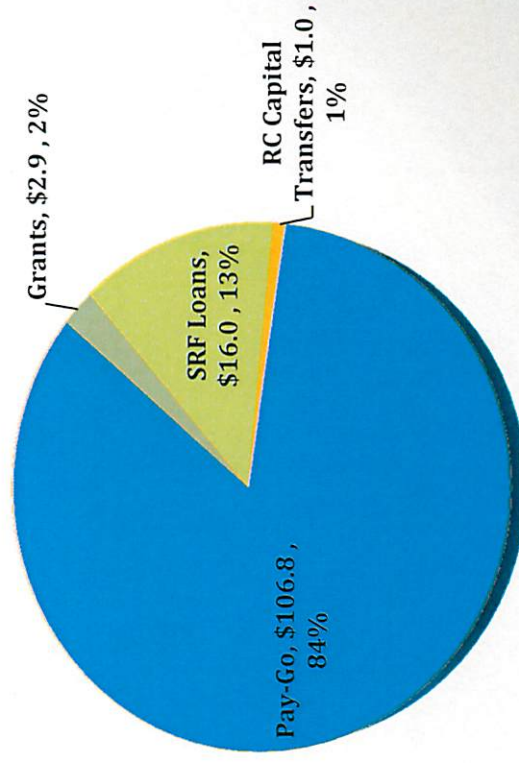
R&R Projects and Funding Sources

RO Fund

Project	Timeframe (Fiscal Year)	Ten Year Project Costs (\$Millions)
Regional Wastewater Projects Asset Management Plan (AMP)	2020/21 – 2024/25	\$50
Water Quality Laboratory Replacement	2015/16 – 2018/19	\$18
SCADA Enterprise System	2015/16 – 2018/19	\$9
RP-5 Process Improvements	2019/20 – 2021/22	\$6
RP-4 Process Improvements	2016/17 – 2018/19	\$5
All Other Projects	2015/16 – 2024/25	\$39
	RO Total:	*\$127

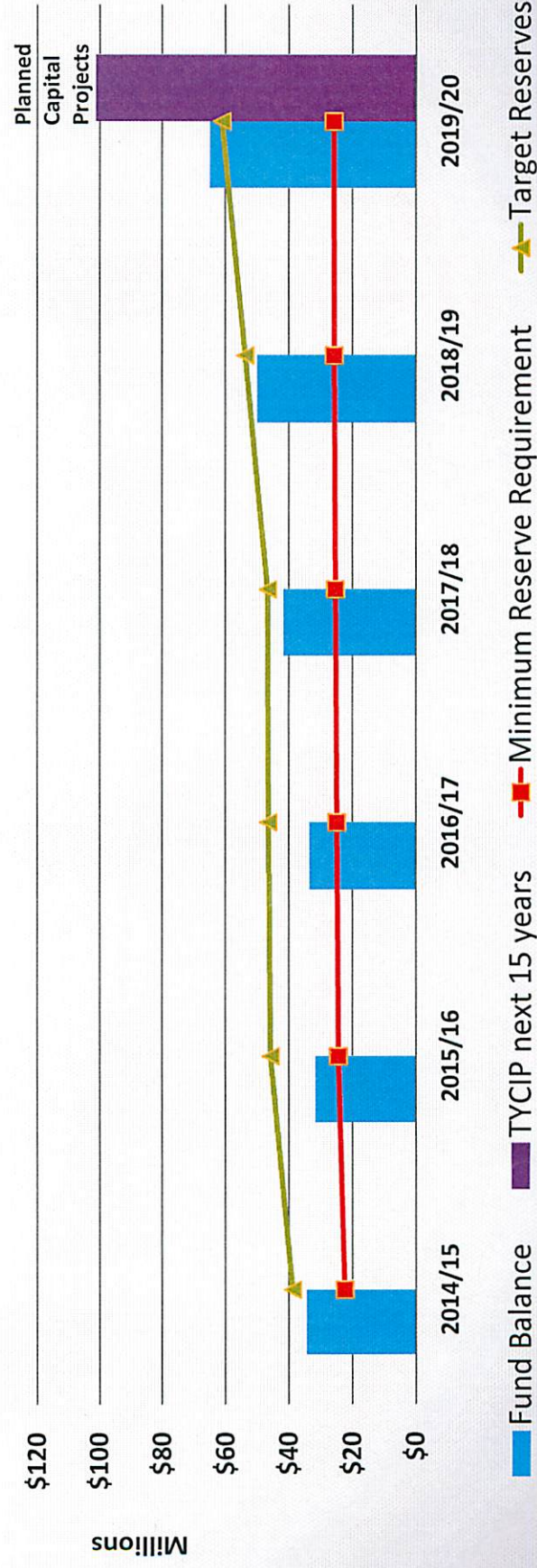
*\$127M includes \$114M R&R capital projects and \$13M O&M/special projects

Funding Sources
(\$ Millions)



Projected Reserve Balance RO Fund

- Achieving full cost of service in FY 2018/19 will allow designation of property taxes to support future capital requirements.
- Capital projects estimated to be \$101 million over the next 15 years.



Timeline

Meeting	Date
EDU Volumetric Rate	
Regional Technical Committee/Regional Policy Committee	2/26/15, 3/15/15
IEUA Committee Recommendation/IEUA Board Approval	3/11/15, 3/18/15
Wastewater Connection Fee, Recycled Water Rates, One Water Connection Fee, RTS Recovery, and Meter Equivalent Unit (MEU) rates	
Cost of Service Workshop #4: Connection Fees/Water Rates	3/10/15
Special Joint Meeting of the IEUA Board & Regional Policy Committee	4/1/15
Final Cost of Service Workshop #5: Connection Fees/Water Rates	4/14/15
Regional Technical Committee/Regional Policy Committee	4/30/15, 5/7/15
IEUA Committee Recommendation/IEUA Board Approval	5/13/15, 5/20/15
Recommended effective date for FY2015/16 Rates	10/1/15



Questions?


ACTION

ITEM

2B

Date: February 26/March 5, 2015

To: Regional Committees

From:  Inland Empire Utilities Agency

Subject: Fiscal Year 2015/16 through 2024/25 Ten-Year Capital Improvement Plan

RECOMMENDATION

It is recommended that the Regional Committees approve and make recommendation to the IEUA Board of Directors (Board) to approve the proposed Fiscal Year (FY) 2015/16-2024/25 Ten-Year Capital Improvement Plan (TYCIP).

BACKGROUND

Each year, pursuant to the terms of the Regional Sewage Service Contract, the Inland Empire Utilities Agency submits a ten-year forecast of capacity demands and capital projects or TYCIP to the Regional Technical and Policy Committees. The current TYCIP identifies projects for the FY 2015/16 through FY 2024/25 that are needed for the rehabilitation, replacement, or expansion of the facilities owned or operated by the Agency to meet the projected additional 40,523 EDUs.

Two major themes in the FY 2015/16 TYCIP are the continuing need for maintenance, repair, and replacement of aging equipment and facilities and the need for expansion of the Regional System to meet future growth. Maintaining the Agency's facilities and infrastructure is critical to ensure the long-term reliability and quality of services that the Agency is committed to provide.

A key finding identified by the Wastewater Facilities Master Plan flow monitoring was that the increase in wastewater treatment plant strength is a major driving force for improvements at treatment plants over the next 20 years. As a result, major projects within the ten-year window include: the relocation of the RP-2 Solids Treatment Facility to RP-5; RP-5 liquid treatment expansion to accommodate the growth in the southern service area; and RP-1 process improvements toward the end of the ten-year window.

IEUA is in the process of updating several key planning documents, including the Long-Range Plan of Finance, Recycled Water Program Strategy, Water Use Efficiency Business Plan, 2015 Urban Water Management Plan, and an Integrated Resources Plan. It is anticipated that these planning efforts will result in new priorities for the region and will be completed by fall 2015. Projects identified in these documents will be further refined and included in next year's TYCIP

to meet the region's future needs. While the TYCIP is instrumental for the on-going rate and budget discussions, it is intended to be a planning level document. Only projects that can be accommodated by the adopted budget will be initiated.

ATTACHMENTS

The TYCIP was posted on the Agency website on January 20, 2015 under Reports.
<http://www.ieua.org/fiscal-year-201516-ten-year-capital-improvement-plan-draft/>.

FY15/16 Ten-Year Capital Improvement Plan Adoption



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

February 2015

Key Drivers of FY15/16 TYCIP

- Member Agency growth projections
- Wastewater Facilities Master Plan Updated flow factors and concentrations
- Asset Management Plan
- Draft Recycled Water Program Strategy Update
- Draft Energy Management Plan
- Draft Integrated Resources Plan local reliability discussions

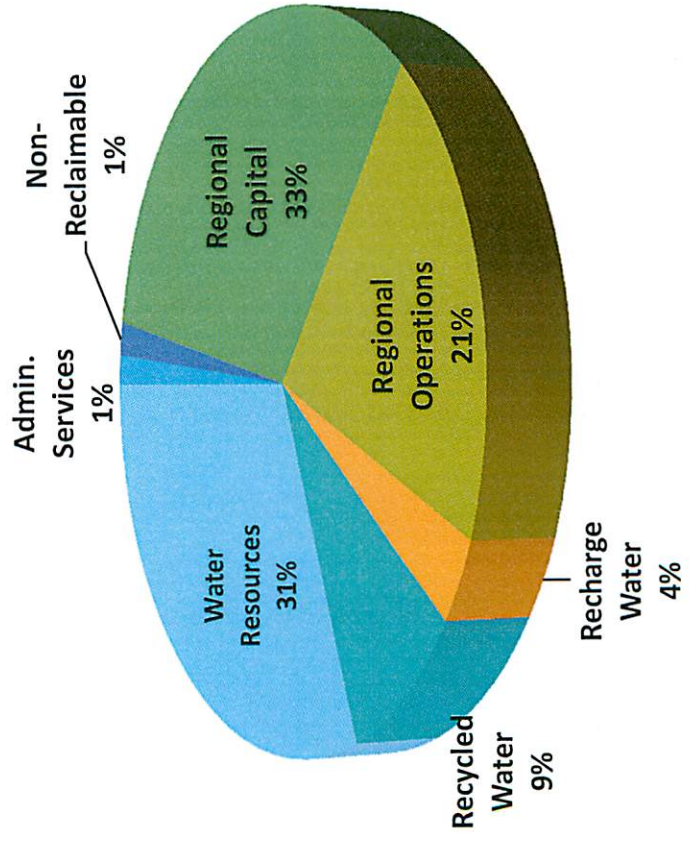
TYCIP Budget Estimate by Fund

Fund Description		FY 15/16	FY16/17	FY17-25	Total (\$ Millions)
GG	Administrative Services	\$2.9	\$1.4	\$7.9	\$12.2
NC	Non-Reclaimable Wastewater	\$0.8	\$0.6	\$12.2	\$13.6
RC	Regional Capital Improvement	\$19.8	\$13.2	\$257.8	\$290.8
RO	Regional Operations & Maintenance	\$14.1	\$18.7	\$156.2	\$189.0
RW	Recharge Water	\$1.5	\$3.5	\$28.8	\$33.8
WC	Recycled Water	\$12.5	\$10.9	\$56.3	\$79.7
WW	Water Resources	\$29.0	\$29.0	\$224	\$282.0
RM/ RCA	Organics Management/IERCA	\$1.1	\$1.2	\$4.7	\$7.0
TOTAL		\$81.7	\$78.5	\$747.9	\$908.1

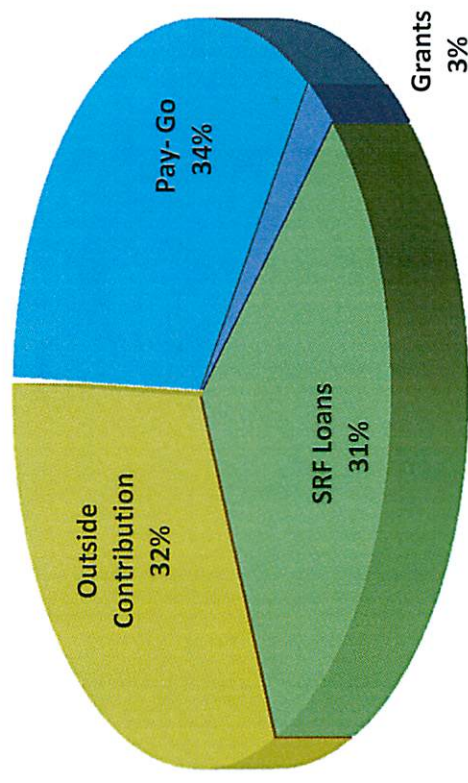
TYCIP by Fund and Funding Source

FY 2015/16 – 2024/25

Capital and O&M
\$908 Million



Funding Sources
\$908 Million



Major Treatment Plant Projects

Description	15/20	20/25	25/30	30/35	35/40	Total Cost (\$M)
RP-1 Liquid Treatment Expansion						\$83
RP-1 Solids Treatment Expansion						\$25
RP-2 Decommissioning						\$30
RP-4 Tertiary Expansion						\$25
RP-5 Liquid Treatment Expansion						\$125
RP-5 Solids Treatment Facility						\$136

\$275.6 Million

\$424 Million

FY 15/16 TYCIP Schedule

✓ 1/8/15 Draft TYCIP posted online

✓ 1/14/15 IEUA Committees
Info item

✓ 1/21/15 IEUA Board
Info item

✓ 1/29/15 Regional Technical Committee
Info item

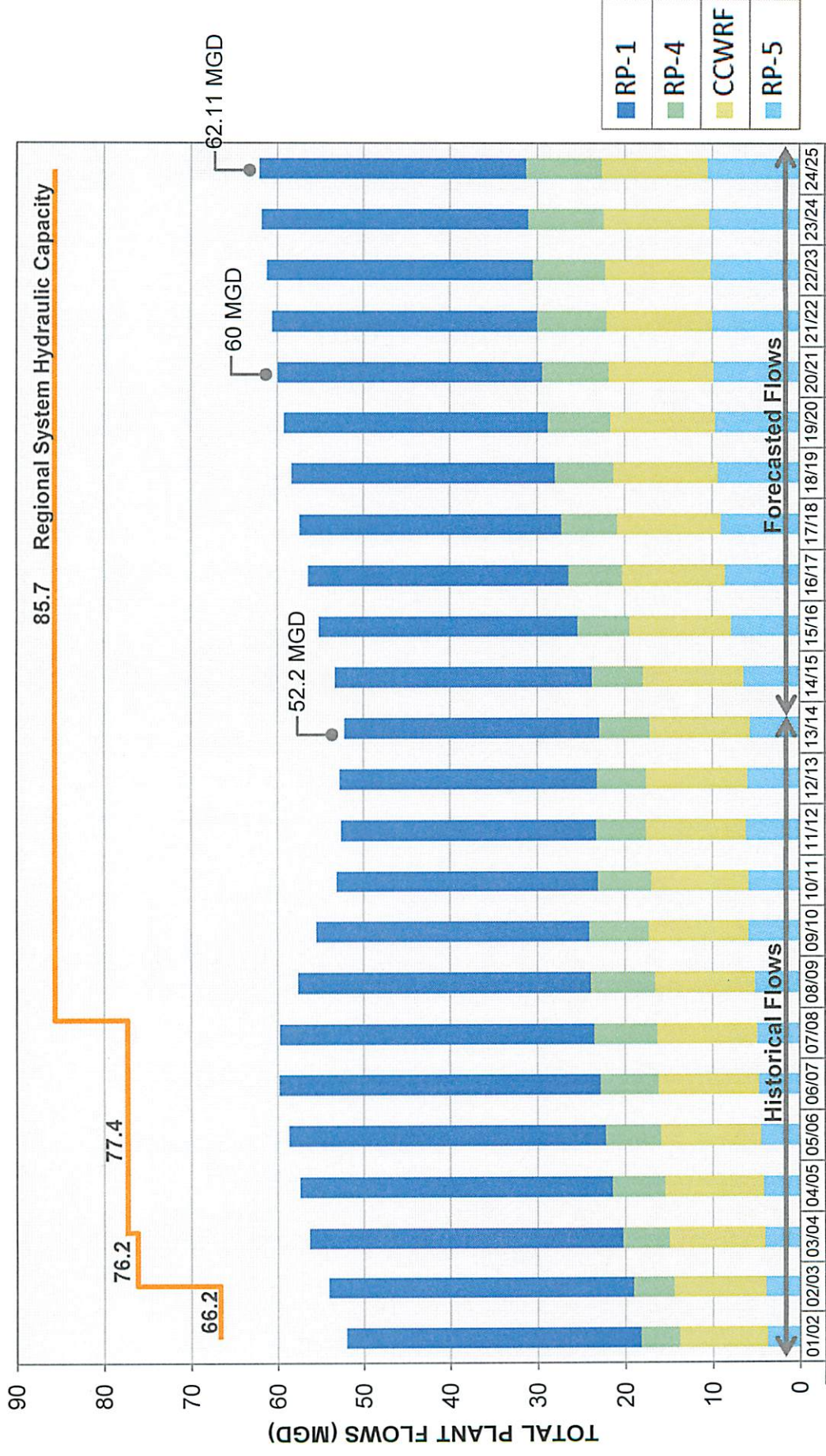
2/26/15 Regional Technical Committee
Action item

3/5/15 Regional Policy Committee
Action item

3/18/15 IEUA Board
Action item

Discussion

FY15/16-FY24/25 Member Agency Wastewater Flow Projections¹



¹ Flows estimated at 200 GPCD/EDU

INFORMATION

ITEM

3A



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

RECYCLED WATER UPDATE

Fiscal Year 14/15 Update

March 2015

REGIONAL RECYCLED WATER SYSTEM

Recycled Water Capital Projects

February, 2015

Legend Key

Pipeline Status

- Design
- Bid
- Construction
- Operating

Pump Station Status

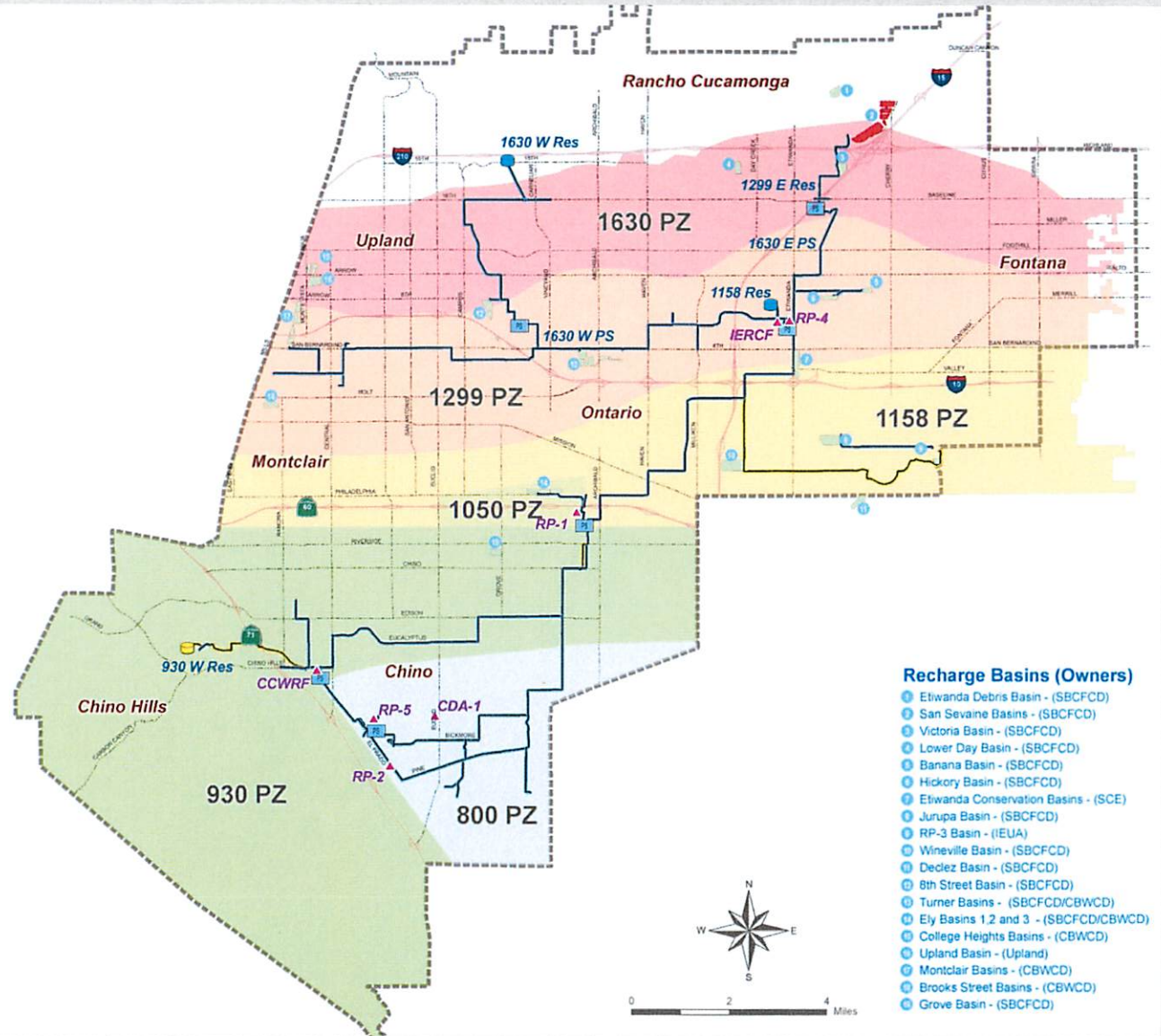
- Design
- Bid
- Construction
- Operating

Reservoirs Status

- Design
- Bid
- Construction
- Operating

Recharge Improvement Status

- Design
- Bid
- Construction
- Operating

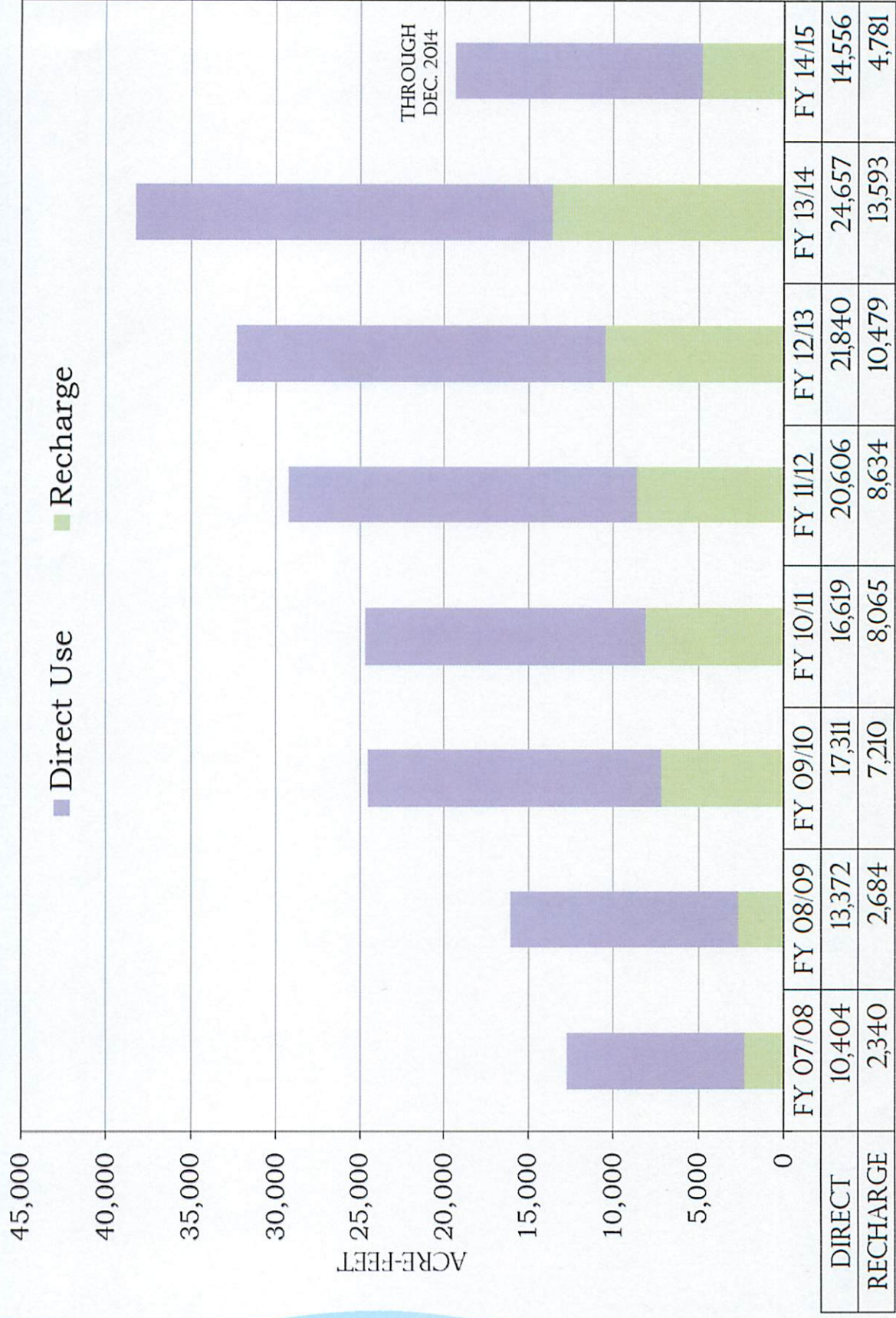


STATUS UPDATE

CAPITAL PROJECTS SUMMARY

Project	Design	Construction	Project Cost	Status	Demand AFY
Southern Area Regional Facilities 930 Zone Reservoir and Pipeline	Complete	Complete	\$31,000,000	Start-Up Testing	100–500
Central Area Regional Facilities Wineville Extension Pipeline	Complete	Winter 2015	\$28,000,000	Construction	500–3,000
Recharge Master Plan Update San Sevaine Basin Improvements	November 2015	April 2017	6,500,000	Pre-Design	500–4,500

RECYCLED WATER DELIVERIES



FY 2014/15 RW DELIVERIES

THROUGH DECEMBER 2014

AGENCY	PRO RATA SHARE OF REGIONAL FLOW	FY14/15 RW GWR ALLOCATION <i>Through Dec. 2014</i>
Chino	10.67%	472 AF
Chino Hills	9.19%	406 AF
CVWD	24.37%	1,077 AF
Fontana	19.18%	848 AF
Montclair	4.33%	191 AF
Ontario	22.12%	977 AF
Upland	10.14%	448 AF
Subtotal	100.00%	4,419 AF
JCSD Allocation (20% MZ3 RW GWR)		362 AF
Total RW GWR (through Dec. 2014)		4,781 AF
Total RW DEMANDS (through Dec. 2014 includes GWR)		19,337 AF



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

Questions?

INFORMATION

ITEM

3B



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

Mid-Year Building Activity Report

(July Thru December 2014)

February, 2015

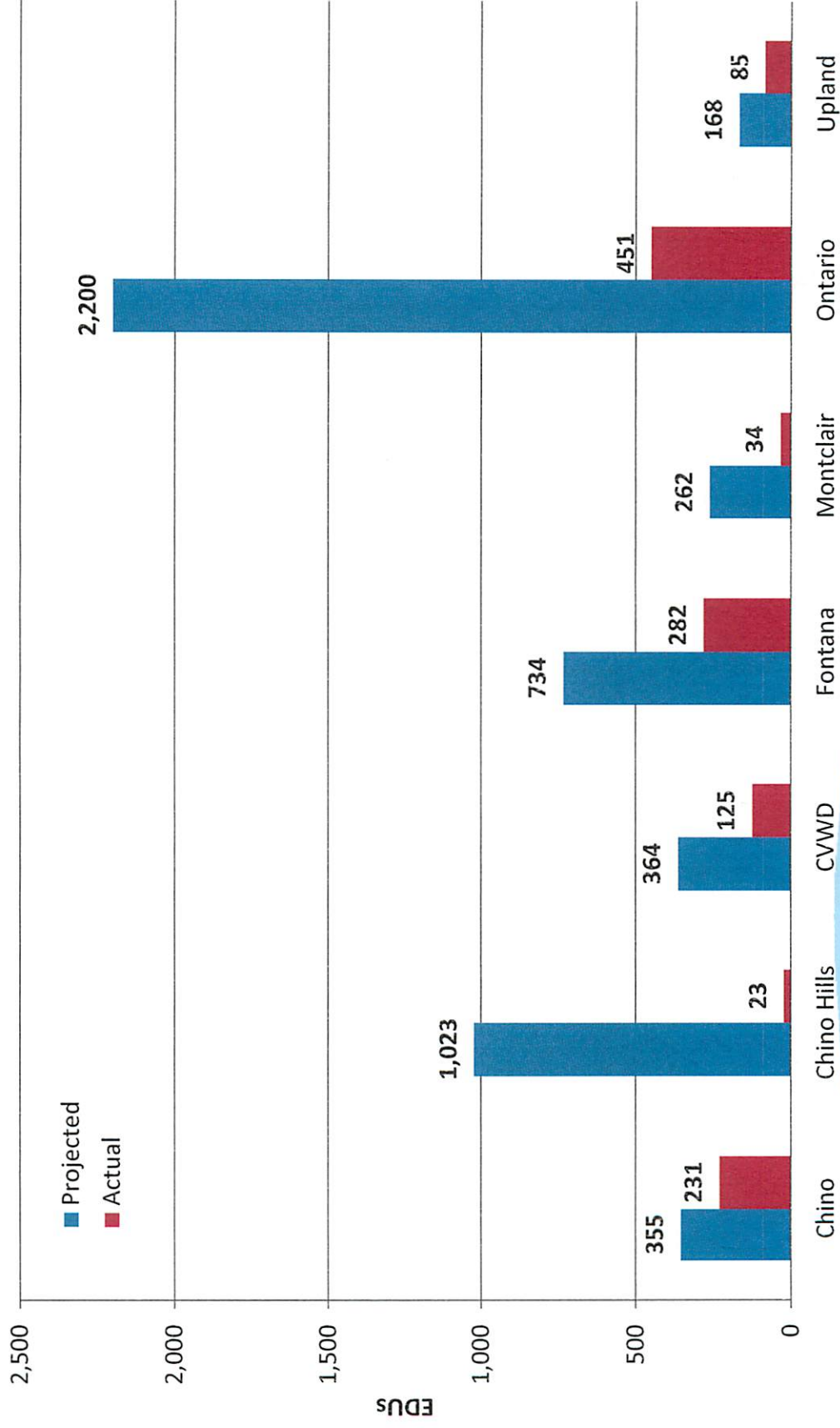
Sylvie Lee
Manager of Planning &
Environmental Compliance

Summary: Mid-Year Building Activity

- IEUA Member Agency Forecast = 5,106 EDUs
 - IEUA Budgeted Forecast = 3,000 EDUs
 - Building Activity (to date) = 1,231 EDUs
 - 24% of Member Agency Forecasts
 - 41% of IEUA Budgeted Forecast
- 

Mid Year 14/15 Distribution of Growth

(July – December 2014)



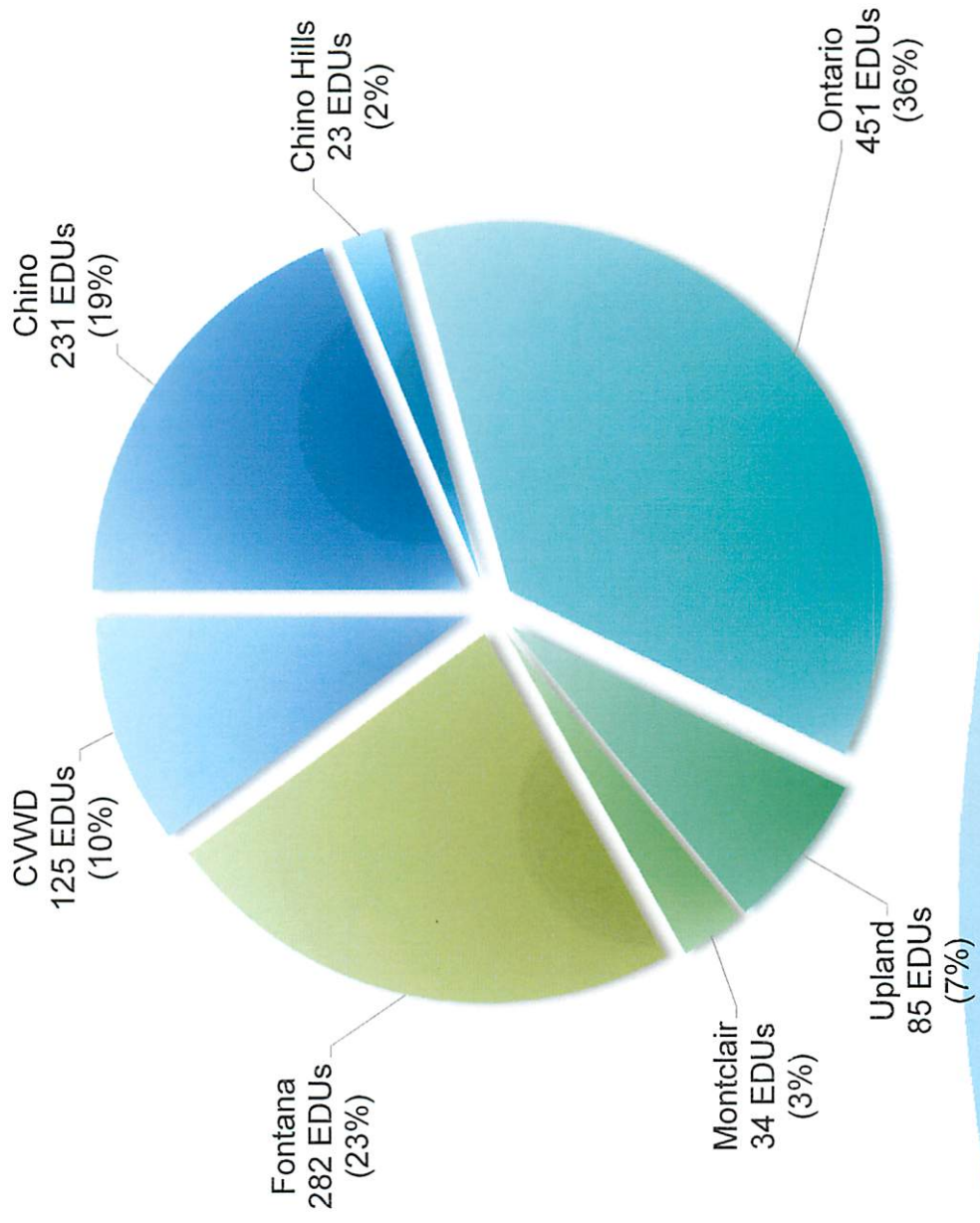
Mid Year 14/15 Building Activity

(July – December 2014)

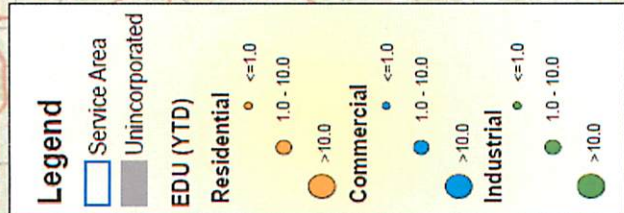
Contracting Agency	Residential (EDUs)	Commercial/ Industrial (EDUs)	Total (EDUs)
Chino	187	44	231
Chino Hills	1	22	23
CVWD	34	91	125
Fontana	258	24	282
Montclair	28	6	34
Ontario	409	42	451
Upland	46	39	85
Mid Year Actual Totals	963	268	1,231
Projected Totals	4,167	939	5,106

Mid Year 14/15 Building Activity

1,231 EDUs Resulted in \$6.29M in CCRA Funding



Building Activity Report - YTD Fiscal Year 2014/15

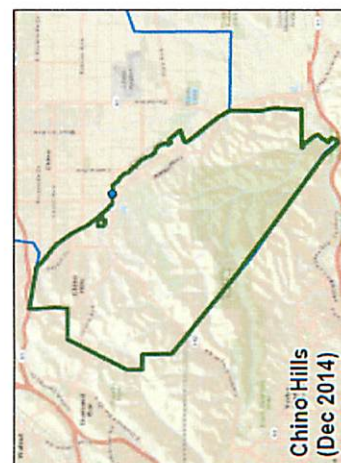
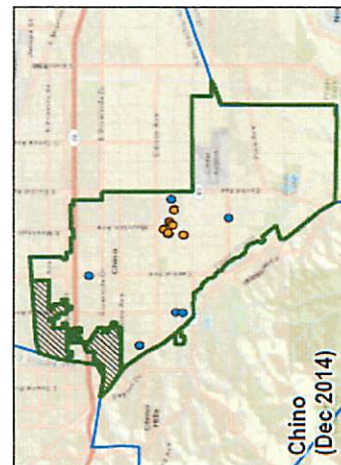
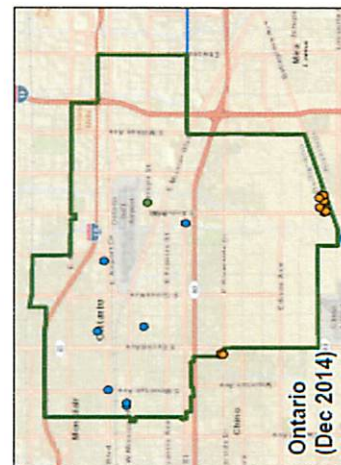
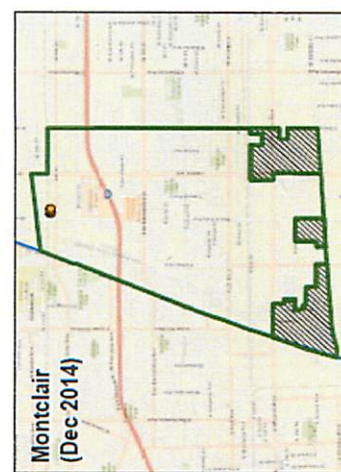
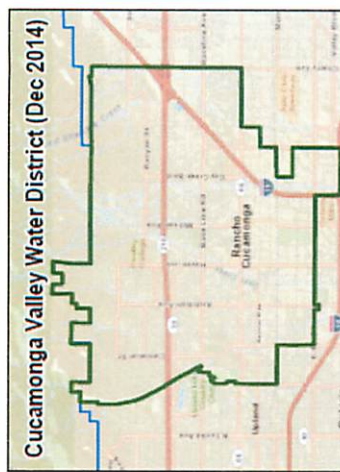
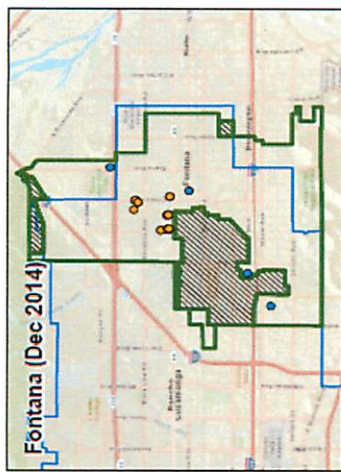


HALF MILE GRID: TOTAL EDU's (YTD)



TOTAL EDU BY CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Projected	
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)	Total (EDUs)	Total (EDUs)
Chino	187	37	7	231	355
Chino Hills	1	22	0	23	1,023
CWWD	34	89	2	124	364
Fontana	258	23	1	282	734
Montclair	28	6	0	34	262
Ontario	409	32	10	451	2,200
Upland	46	39	0	85	168
Total	963	245	20	1,231	5,106





Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

Questions?

**RECEIVE AND
FILE**

4A



Regional Sewerage Program Policy Committee Meeting

AGENDA **Thursday, March 5, 2015** **4:30 p.m.**

Location

Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91710

Thursday, March 5, 2015

Call to Order and Roll Call

Pledge of Allegiance

Public Comment

1. Technical Committee Report – Ryan Shaw (Oral)

2. Approval of Minutes

- A. Minutes of February 4, 2015 Special Meeting

3. Action Items

- A. Adoption of Wastewater EDU Rate (Written/PowerPoint)
- B. Adoption of Ten-Year Capital Improvement Plan (Written/PowerPoint)

4. Informational Items

- A. Recycled Water Semi-Annual Update (Written/PowerPoint)

5. Receive and File

- A. Building Activity Report (YTD)
- B. Recycled Water Operations Summary

6. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting – April 1, 2015 (Joint IEUA Board/Policy Committee)

7. Adjournment

DECLARATION OF POSTING

I, Cheyanne Reseck-Francis, Administrative 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 Thursday, February 26, 2015.



Cheyenne Reseck-Francis

DRAFT

**RECEIVE AND
FILE**

4B

Building Activity Report - YTD Fiscal Year 2014/15



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 CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Projected	
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)	Total (EDUs)	Total (EDUs)
Chino	187	37	7	231	355
Chino Hills	1	22	0	23	1023
CVWD	34	89	2	124	364
Fontana	258	23	1	282	734
Montclair	28	6	0	34	262
Ontario	409	32	10	451	2200
Upland	46	39	0	85	168
Total	963	248	20	1231	5106



Chino Hills (Dec 2014)

Chino (Dec 2014)

Ontario (Dec 2014)

Montclair (Dec 2014)

Upland (Dec 2014)

Cucamonga Valley Water District (Dec 2014)

Fontana (Dec 2014)

**RECEIVE AND
FILE**

4C

IEUA RECYCLED WATER DISTRIBUTION – DECEMBER 2014

TOTAL ALL PLANTS

Influent: 54.2 MGD
 RW Supply: 49.6 MGD
Delivered: 6.9 MGD
 Percent Delivered: 14%

RP-4

Influent: 6.3 MGD
 RW Supply: 4.0 MGD
Delivered: 3.8 MGD
 Percent Delivered: 94%

RP-1

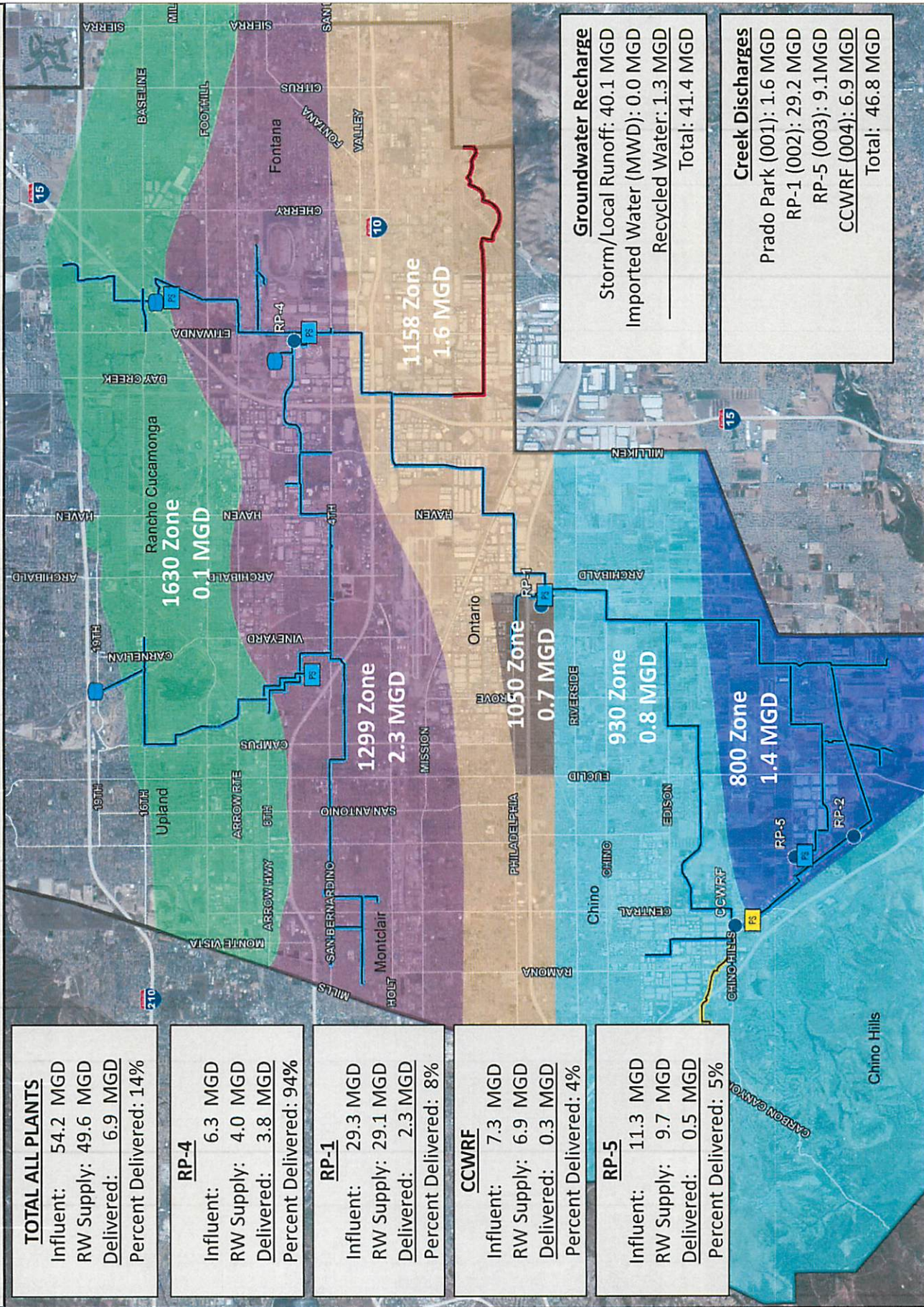
Influent: 29.3 MGD
 RW Supply: 29.1 MGD
Delivered: 2.3 MGD
 Percent Delivered: 8%

CCWRF

Influent: 7.3 MGD
 RW Supply: 6.9 MGD
Delivered: 0.3 MGD
 Percent Delivered: 4%

RP-5

Influent: 11.3 MGD
 RW Supply: 9.7 MGD
Delivered: 0.5 MGD
 Percent Delivered: 5%



Groundwater Recharge

Storm/Local Runoff: 40.1 MGD
 Imported Water (MWD): 0.0 MGD
Recycled Water: 1.3 MGD
 Total: 41.4 MGD

Creek Discharges

Prado Park (001): 1.6 MGD
 RP-1 (002): 29.2 MGD
 RP-5 (003): 9.1 MGD
CCWRF (004): 6.9 MGD
 Total: 46.8 MGD

Recycled Water Recharge Deliveries / Plan - January 2015 (Acre-Feet)

Deliveries are draft until reported as final.

Basin	1/1-1/7	1/8-1/14	1/15-1/21	1/22-1/31	Month Actual	Month Plan	Year To Date Actual	Status as of 1/15/15
Ely	49.2	23.7	0.0	0.0	72.8	200.0	664	On at 6 cfs
Banana	86.5	21.2	0.0	0.0	107.6	200.0	708	On at 7 cfs
Hickory	15.5	34.3	0.0	0.0	49.9	150.0	1030	Off, maintaining basin level
Turner 1 & 2	0.0	0.0	0.0	0.0	0.0	25.0	456	Off, maintaining basin level
Turner 3 & 4	0.0	0.0	0.0	0.0	0.0	0.0		Off, drying out for basin cleaning
8th Street	0.0	0.0	0.0	0.0	0.0	0.0	48	Off, basin cleaning
Brooks	0.0	0.0	0.0	0.0	0.0	25.0	463	Off, maintaining basin level
RP3	4.3	0.0	0.0	0.0	4.3	100.0	1214	Off, 3D Study Testing
Declez	0.0	0.0	0.0	0.0	0.0	0.0	0	No RW delivery mechanism
Victoria	0.0	13.7	0.0	0.0	13.7	50.0	446	On at 3 cfs
San Sevaline	0.0	0.0	0.0	0.0	0.0	0.0	1	Off
Total	155.5	92.9	0.0	0.0	248.4	750.0	5,030	8,374 AF, past FY End of Month Actual

