

Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, March 7, 2024 3:30 p.m.

Agency Headquarters – Board Room 6075 Kimball Avenue, Building A Chino, CA 91708

Telephone Access: (415) 856-9169/Conf ID: 960 375 500#

The public may participate and provide public comment during the meeting by joining in person or by calling the number provided above. Comments may also be submitted by email to the Recording Secretary Jennifer Hy-Luk at jhyluk@ieua.org prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Policy Members.

Call to Order

Roll Call

Flag Salute

Public Comment

Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Comments will be limited to three minutes per speaker.

Additions to the Agenda

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

Regional Sewerage Program Policy Committee Meeting Agenda March 7, 2024 Page 2 of 2

1. Technical Committee Report (Oral)

2. Action Item

A. Approve minutes of February 1, 2024 Policy Committee Meeting

3. Information Items

- A. Chino Basin Program Update
- B. Operations Unit Update

4. Receive and File Item

A. Building Activity Report

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Future Agenda Items
- C. Committee Member Comments
- D. Next Meeting April 4, 2024

Adjourn

DECLARATION OF POSTING

I, Jennifer Hy-Luk, Executive Assistant of the Inland Empire Utilities Agency, a Municipal Water District, hereby certify that per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Jennifer Hy-Luk at (909) 993-1727 or ihyluk@ieua.org 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

ACTION ITEM

2A



Regional Sewerage Program Policy Committee Meeting

MINUTES OF THE FEBRUARY 1, 2024 MEETING

CALL TO ORDER

A meeting of the Inland Empire Utilities Agency (IEUA)/Regional Sewerage Program Policy Committee was held on Thursday, February 1, 2024, at 6075 Kimball Avenue, Building A, Chino, California.

Chair Randall Reed/Cucamonga Valley Water District (CVWD) called the meeting to order at 3:30 p.m. Recording Secretary Jennifer Hy-Luk established a quorum was present. Chair Reed led the Pledge of Allegiance.

Committee Members Present:

Eunice Ulloa	City of Chino
Peter Rogers	City of Chino Hills
Phillip Cothran	City of Fontana
John Dutrey	City of Montclair
Debra Dorst-Porada	City of Ontario
Bill Velto	City of Upland
Randall Reed	Cucamonga Valley Water District (CVWD)
Steven J. Elie	Inland Empire Utilities Agency (IEUA)

Others Present:

Nicole deMoet	City of Upland
Amanda Coker	CVWD
Courtney Jones	City of Ontario
Chad Nishida	City of Ontario
Jerry Burke	IEUA
Christiana Daisy	IEUA
Kristine Day	IEUA
Robert Delgado	IEUA
Lucia Diaz	IEUA
Don Hamlett	IEUA
Elizabeth Hurst	IEUA
Jennifer Hy-Luk	IEUA
Nolan King	IEUA

Others Present (continued):

Eddie Lin	IEUA
Liza Munoz	IEUA
Alyson Piguee	IEUA
Sushmitha Reddy	IEUA
Travis Sprague	IEUA
Ken Tam	IEUA
Marty Cihigoyenetche	JC Law

PUBLIC COMMENTS

There were no public comments.

ADDITIONS TO THE AGENDA

There were no additions to the agenda.

1. TECHNICAL COMMITTEE REPORT

Amanda Coker/CVWD stated that at the January 25 Technical Committee meeting, the Committee approved the request by the City of Fontana for two Regional Connection Points to the Fontana Interceptor - Fontana Regional Sewer Connections #F-41 & F-42; heard a Pretreatment & Compliance Update, the Building Activity Report Subcommittee Report and Procedural Guideline Language Adoption, and discussed the frequency of the Technical Committee Meetings. The Committee decided to hold monthly meetings, as needed.

Ms. Coker notified the Policy Committee of recent administrative changes made to the Technical Committee, such as the meetings no longer being noticed, and the meeting recordings will now serve as the meeting minutes. She stated that the Committee also heard a recap of recent Board approved actions and an update on the Rate Study.

2. ACTION ITEM

A. APPROVAL OF THE OCTOBER 5, 2023 POLICY COMMITTEE MEETING MINUTES

<u>Motion</u>: By Committee member Rogers/City of Chino Hills and seconded by Committee member Velto/City of Upland to approve the meeting minutes of the October 5, 2023 Regional Policy Committee Meetings by the following vote:

Ayes: Cothran, Dorst-Porada, Dutrey, Rogers, Ulloa, Velto, Reed

Noes: None Absent: None Abstain: None

The motion passed by a vote of 7 ayes, 0 noes, 0 absent, and 0 abstain.

3. INFORMATION ITEMS

A. RECAP OF RECENT BOARD APPROVED ACTIONS

Christiana Daisy/IEUA stated that on November 1, 2023, the IEUA Board approved the Regional Contract effective January 2, 2024. The Regional Contract was approved by the City of Chino Hills, the City of Fontana, the City of Upland, and CVWD. She added that at the December 20, 2023 IEUA Board of Directors Meeting, the Board approved Ordinance No. 114, which replaced Ordinance No. 111, which was also effective January 2, 2024.

Committee member Dorst-Porada/City of Ontario inquired about the total amount spent on the Chino Basin Program (CBP) and the source of funds for the project. Deputy General Manager Daisy recapped the Board approved actions regarding the CBP from the January 17 Board meeting. She stated that funding for the CBP is from Grants, such as the 10.8 M (million) dollars, which was provided by the State's early funding and the Board approved an additional 15 M dollars for planning. She added that the Agency has spent 10.8 M dollars to date, which was from grant funds, and nothing has been used of the 15 M allotted by the Board.

Committee member Dutrey/City of Montclair requested an update on the CBP at the next Policy Committee meeting. Committee member Elie/IEUA clarified that 15 M dollars for CBP planning was allocated from the IEUA Board of Directors; subsequently, the Agency received a conditional funding award from the California Water Commission and with early funding applications to U.S. Bureau of Reclamation (USBR) for about 10.8 M dollars. Currently, the 15 M dollars allotted has not yet been used and the source of the allotment was property taxes.

B. 2024 RATE AND FEE STUDY STATUS UPDATE

Kristine Day/IEUA provided the presentation. Chair Reed inquired about the meter equivalent unit (MEU) rate and which assets would be directly affected by IEUA's MEU rate. Ms. Day stated the types of fees and broke them down.

Committee member Dorst-Porada inquired about the Recycled Water Fixed Cost Recovery Fee compared to the Recycled Water Direct Use Rate (AF). Ms. Day stated that initially when the rate was implemented, the Agency chose to phase in the fees and property taxes could not cover the entire fee, so part of the debt service had to be covered by volumetric fees. She stated that there is a trade-off in the volumetric now that it is no longer covered by the phase-in.

Committee member Dorst-Porada asked whether the Recycled Water Fixed Cost Recovery Fee was constant. Ms. Day stated that it is based on a three-year rolling average of direct and recharged recycled water use.

Discussion ensued on the Recycled Water Fixed Cost Recovery Fee; Chino Basin Watermaster Appropriative Pool fees; and other concerns.

Ms. Day stated that during the Request for Proposals process IEUA staff reached out to staff from the customer agencies to invite them to be included on the evaluation team; only one customer agency responded and due to date and time conflicts they were unable to be involved in the process. Committee member Dorst-Porada requested that the Policy Committee members also be notified of future requests.

Ms. Day stated that there are about 20 different opportunities for input from the customer agencies throughout the process. She reiterated that the Rate and Fees will ultimately be decided by the IEUA Board of Directors.

4. RECEIVE AND FILE

Item 4A was received and filed by the Committee.

A. BUILDING ACTIVITY REPORT

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER'S UPDATE

Christiana Daisy/IEUA stated that due to the rain received on February 1 the combined flow at the Regional Plants was 90 MGD at around noon, which is up from 60 MGD at the same time yesterday. Of the additional 30 MGD, 20 MGD of that is increased flow at RP-1. She stated that the Agency expects another 5% increase within the next four hours after the rain stops. She stated that the Agency's Groundwater Recharge staff cleaned inlets and outlets of basins to prepare for the rain. Staff opened and closed manual gates in anticipation of the rain and will conduct post storm inspections. The Agency expects to capture all water at available basins and filling up to 100% available capacity. She stated that we expect that the Agency's basins will be at capacity next week and may not be able to capture much of the stormwater during the next storm.

Ms. Daisy stated that the IERCF team passed 900 days with no recordable or loss time accidents. She added that the IERCF conducted a source test to verify compliance with the facility's permit as required every two years by the South Coast Air Quality Management District. The facility passed all requirements showing the removal of 99.8% ammonia and 85.7% of volatile organic compounds. The requirement is >80% of both. She stated that RP-5 has been experiencing intermittent toxicity over the last two months. The Agency successfully passed the last test and is in the middle of the next round of testing; results are expected on February 2. Upon successfully passing two consecutive tests, staff will return to the normal monthly testing frequency. A consultant has been retained to aid the Agency in identifying the source of the toxicant.

Ms. Daisy also added that on January 31 the Sewer Collections team joined the Agency's Mutual Aid partners for its quarterly meeting at Jurupa Community Services District headquarters. The meeting offered valuable educational sessions, provided insights into the latest developments, and best practices in sewer collection management. Our team had the opportunity to enhance knowledge and stay abreast of industry trends. The event also facilitated networking with fellow sewer collection professionals from Mutual Aid partners.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

Committee members Dorst-Porada and Dutrey requested an update on the CBP.

Committee member Ulloa requested an update on Recycled Water Maintenance.

C. COMMITTEE MEMBER COMMENTS

Committee member Elie added that the Agency received conditional grant funding from the USBR in the amount of 2.8 million for planning on the CBP.

D. NEXT MEETING - MARCH 7, 2024

ADJOURNMENT
Chair Reed adjourned the meeting at 4:15 p.m.
Prepared by:
Jennifer Hy-Luk, Recording Secretary

INFORMATION ITEM

3A



Chino Basin Program Update

Elizabeth Hurst Chino Basin Program Manager March 2024



CBP Update Overview

- Preliminary Design Status Update
- Grants
- Agreements
- Next Steps





Completed Technical Documents

- ✓ Regulatory Challenges
- ✓ Brine Disposal System Technical Memorandum
- ✓ Approach to develop baseline compliance scenarios
- ✓ Program Environmental Impact Report for full Chino Basin Program
- ✓ Rialto Recycled Water Interconnection Preliminary Design Report
- ✓ Aquifer Replenishment Wells Preliminary Design Report and Facilities Siting Study
- ✓ RP-4 AWPF Preliminary Design Report
 - IEUA Systemwide Constituents of Emerging Concern Compliance Strategy Technical Memorandum
 - Permitting Plan and Regulatory Strategy Technical Memorandum

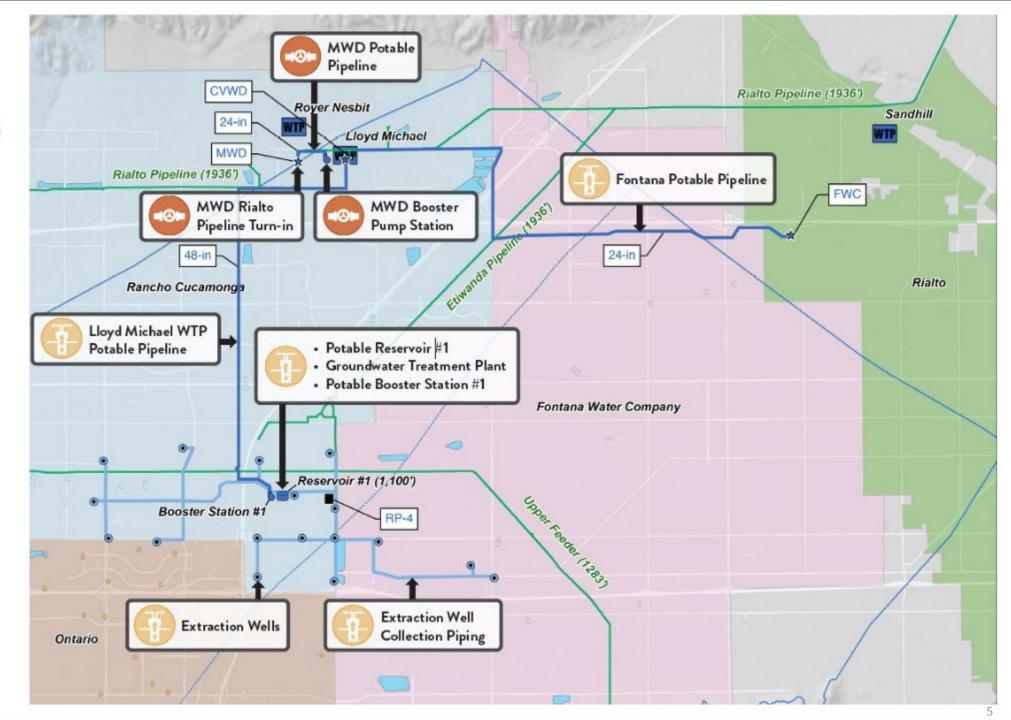
TAKE-Infrastructure



Extraction & Regional Distribution



MWD Interconnection





Budget Status

Chino Basin Pro	o Basin Program Planning/PDR		t Contracts	Contracts		Contract Bala	Contract Balance		
PL19005 – CBP Planning Budget WSIP Early Funding WSIP Additional Early Funding		\$8,919,0	00						
Institutional agreem	ents and coordination		\$3,785,6		\$3,365, 8	44 \$41	9,838	\$250,000	
Technical Feasibility, a) AWPF at RP-4	WSIP Early Funding	nding Reimbursement EF Remaining Pending Invoice (4/23 – 11/23)		EF Remaining after invoice	,300	\$1,000,000			
 b) City of Rialto RW ! c) Replenishing Well d) Permitting and Re e) Extraction Wells (1) 	\$8,919,000 <u>\$1,844,270</u> \$10,763,270	\$8,027,100	\$2,736,170		\$996,039	\$1,740,131			
	& MWD Interconnection								
Environmental Evaluation			\$348	,637	\$288,4	97 \$60	\$60,140		
Strategy development/communication			\$1,010	,954 \$697,		35 \$31	4,579	\$107,000	
Exploratory boreholes/monitoring wells			\$5,823	\$5,823,235		\$0 \$5,823	3,235	\$2,000,000	
Other		r				34			
TOTAL		\$25,763,2	70 \$22,654	\$22,654,932		74 \$12,947	2,092	\$3,372,000	



Additional Grant & Loan Opportunities

		State			Federal						Other		
		Sto	Water rage nent Pgm	SWRCB Water Recycling Funding Pgm	CA State Revolving Fund Loan	USBR Large Scale Recycled Water	USBR RW & Desal. Planning	FEMA BRIC	USBR Title XVI	EPA WIFIA Loan	-	MWD Capital Contribution	
	Project Name	Early Funding	Construct										
	Advanced Water Purification Facility (15,000 AF/Y)												
"PUT"	City of Rialto Sup. Supply for AWPF												
Facilities	JCSD/WRCRWA Sup. Recycled Water												
	Purified Water Conveyance												
	Aquifer Replenishing Wells												
"TAKE"	Extraction facilities (wells, conv.)												
Facilities	MWD interconnection												

Conditional funding awards
Applications submitted
Applications in process



Local Agreements	Schedule
Rialto Recycled Water Purchase Agreement (IEUA, City of Rialto)	March 2024
CBP Performing Agency Term Sheet (CVWD, FWC, IEUA)	Feb/March 2024
CBP Exchange Agreement (IEUA, MWD)	April 2024
WRCRWA Recycled Water Purchase Term Sheet (IEUA, WRCRWA)	2024/2025
State Agreements	Schedule
Public Benefit Agreements: 1. Environmental (IEUA, CDFW) 2. Water Quality (IEUA, SWRCB) 3. Emergency Response (IEUA, DWR)	Final Terms Drafted Summer 2024
Pulse Flow Agreement (DWR, CDFW)	2024
Water Exchange Agreements (IEUA, MWD, DWR)	2024
CWC Final Funding Award (IEUA, CWC)	2025**

Schodulo



CBP Next Steps



January:

- ✓ IEUA Contract award for Aquifer Replenishing Wells Exploratory Boreholes
- ✓ IEUA Contract amendment for "TAKE" facilities preliminary design

February | March:

- CVWD | FWC Request execution of CBP Performing Agency Term Sheet
- **Begin drilling for exploratory borings / monitoring wells**
- IEUA Board CBP Update

April - December 2024:

- IEUA | Rialto Request Execution of City of Rialto RW Purchase Agreement
- IEUA Request Execution of CBP Performing Agency Term Sheet
- IEUA | MWD Request Execution of CBP Exchange Agreement (IEUA, MWD)
- Complete Public Benefit Contract Agreements (IEUA, CDFW, DWR, SWRCB, MWD)
- Progressive design-build services RFPs for AWPF and Rialto RW pipeline
- Design services RFP for aquifer replenishing wells
- Conduct "TAKE" Preliminary Design work

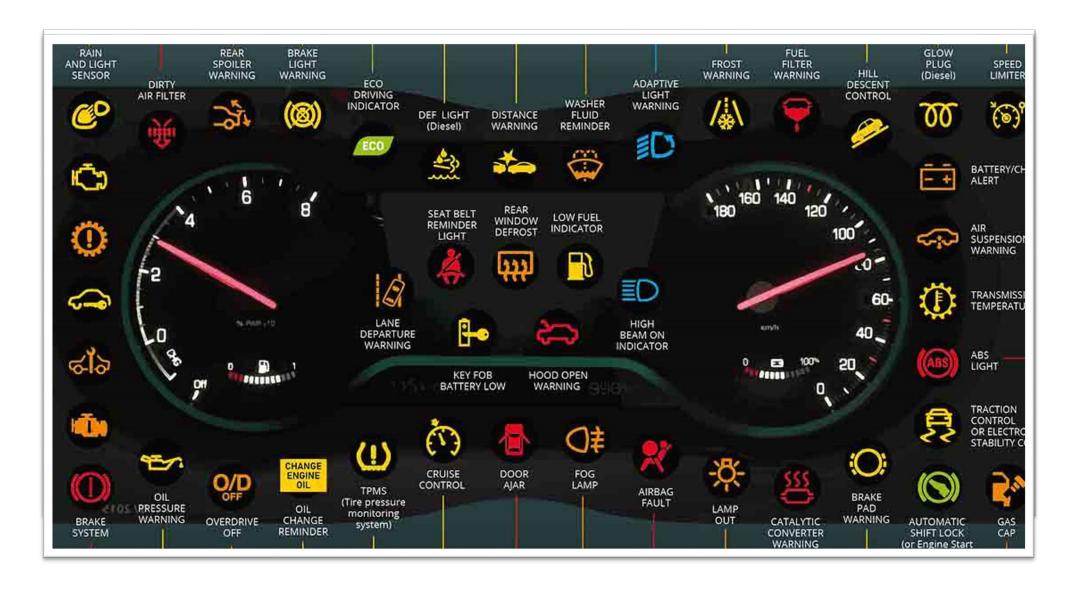
INFORMATION ITEM

3B





Then and Now

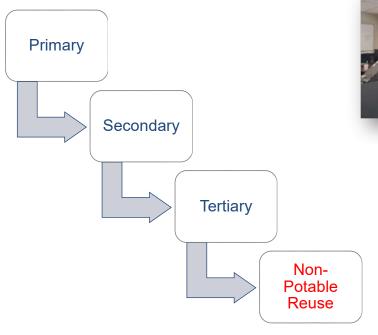


Evolution: 1970s

Regional Water Plant No.1

Regional Water Plant No.2

Regional Water Plant No.3









Chlorine Gas



Sulfur Dioxide Gas

1970s 1990s 2000s 2024



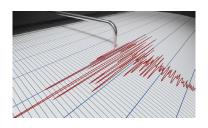
Evolution: 1990s

Regional Water Recycling Plant No.1

Regional Water Regional Plant No.2

Carbon Canyon Water Recycling Facility

Regional Water Recycling Plant No.4



Strip Chart



Computer



Pager



SCADA

1970s 1990s 2000s 2024



Evolution: 2000s

Regional Water Recycling Plant No.1

Regional Water Regional Plant No.2

Carbon Canyon Water Recycling Facility

Regional Water Recycling Plant No.4

Chino I Desalter

Regional Water Recycling Plant No.5







Excel



Laptop

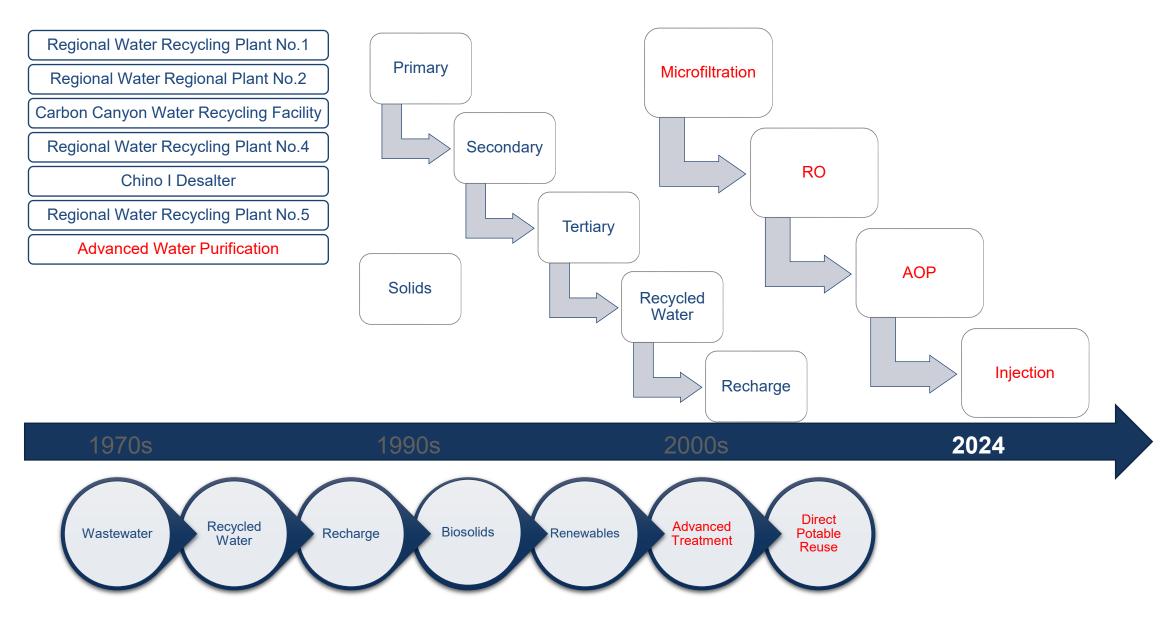


Flip Phone

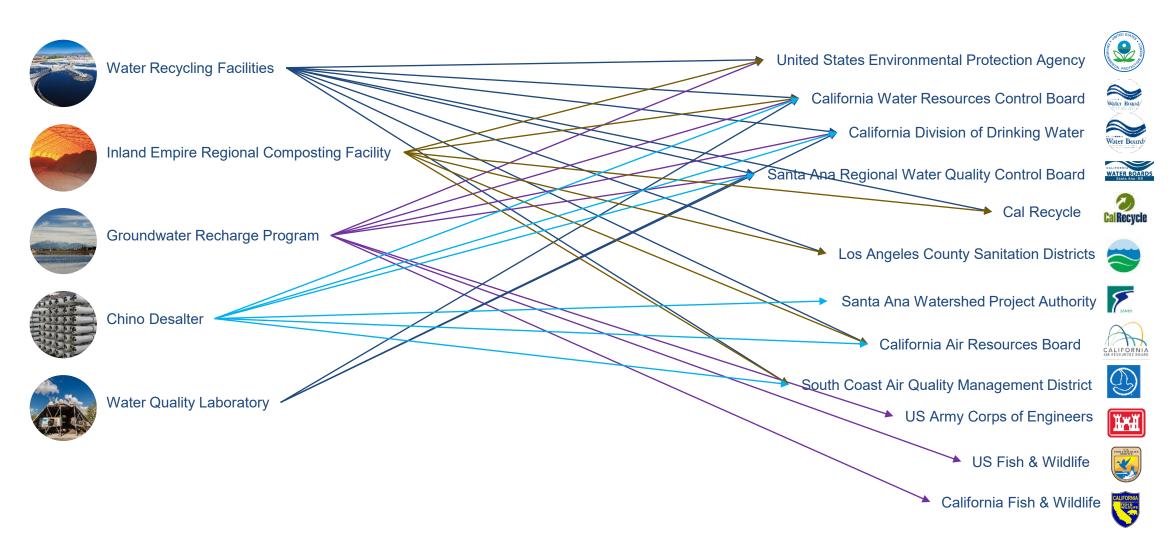
1970s 1990s 2000s 2024

Wastewater Recycled Water Biosolids Renewables

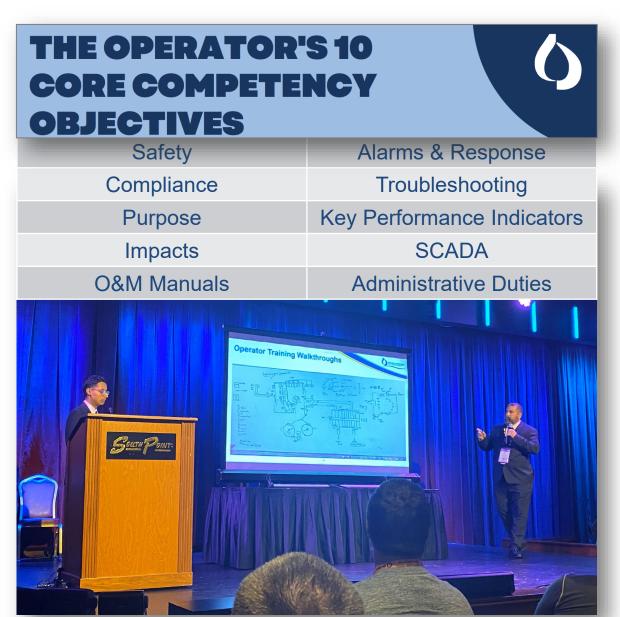
Evolution: Today's Operator



Regulatory Agencies



○ Operator 10 Core Competencies



- Operator 10 Core Competencies
- **O&M Training Officer**

Operations Training 2023

Operator Awareness (12)

Certification Preparation (4)

Technology & Equipment (9)

Emergency Response (2)



Operator 10 Core Competencies

○ O&M Training Officer

Operations Collaborative













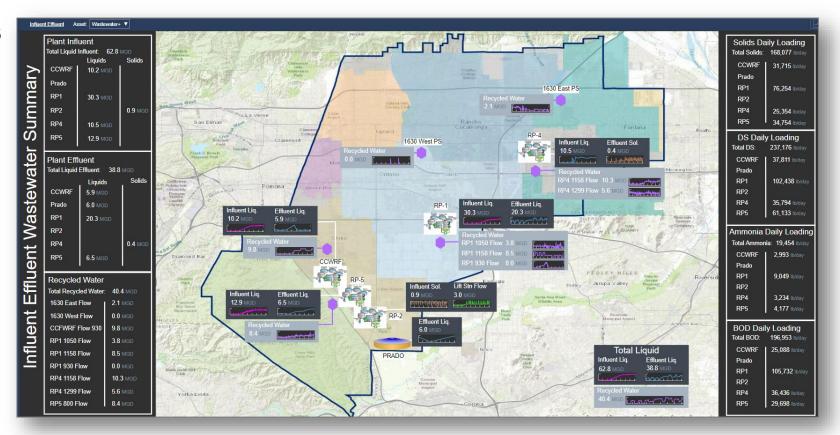




COMMUNITY SERVICES DISTRICT

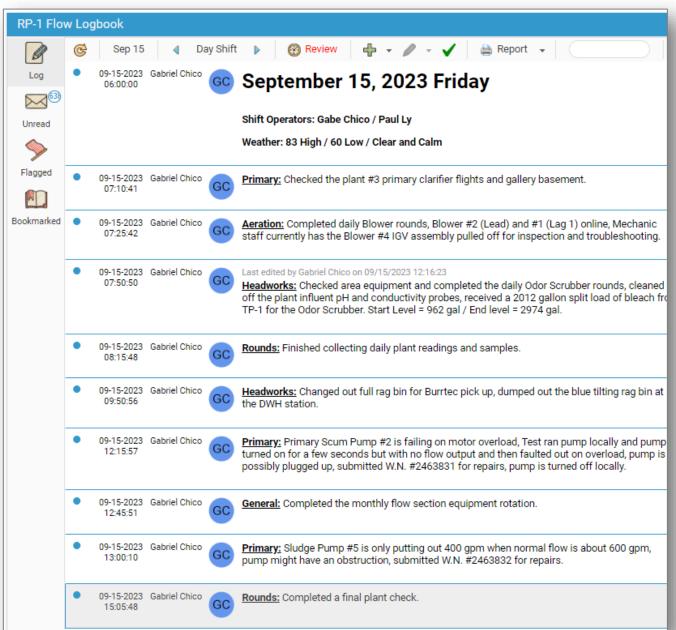
Proudly serving Jurupa Valley and Eastval

- Operator 10 Core Competencies
- O&M Training Officer
- Operations Collaborative
- **Out of the Proof of the Proof**



- Operator 10 Core Competencies
- O&M Training Officer
- Operations Collaborative
- Data Visualization Tools

○ Electronic Logbook







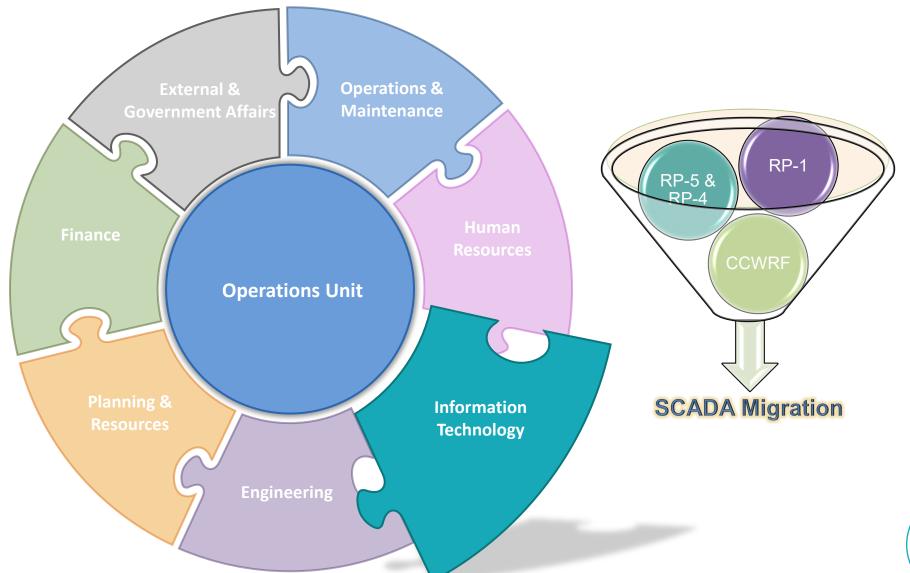
Recruitment

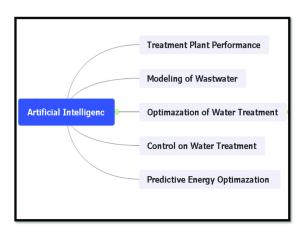
Workforce Development

Succession Planning

















Capital Projects

45







Bar Screens

Digesters

MBR







Flares

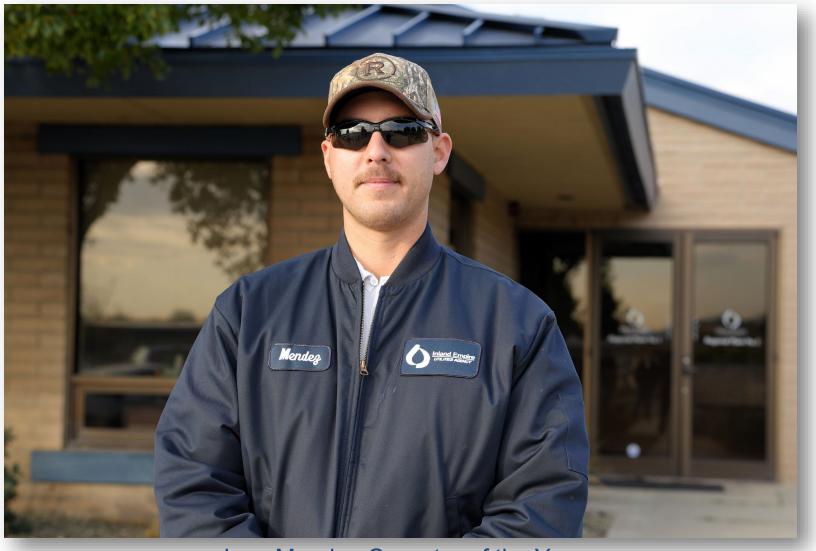


Free Chlorine





- Environmental Steward
- Safety minded
- Technology-savvy
- Analytical
- Continued learner
- Collaborative
- Adaptive Adaptive
- Teacher



Jose Mendez Operator of the Year

○ Safety



CWEA-SARBs Safety Awards

CCWRF Gold

Chino I Desalter Silver

RP-1 Gold



○ Safety



NACWA 🌖

○ Compliance







○ Safety

○ Compliance

Operational Efficiency

Fiscal Year 22-23 (Actual vs. Budget)					
Electricity 97%					
Chemicals 95%					
Biosolids 94%					
Recycling					
Total 93%					



Advanced Water Treatment Champions

Questions?



Chino I Desalter

RECEIVE AND FILE

4A

