

Mutual Aid Program



Lucia Diaz, Manager of Facilities & Water System Programs
November 16, 2023

About IEUA



Formed in 1950



242 Square Miles



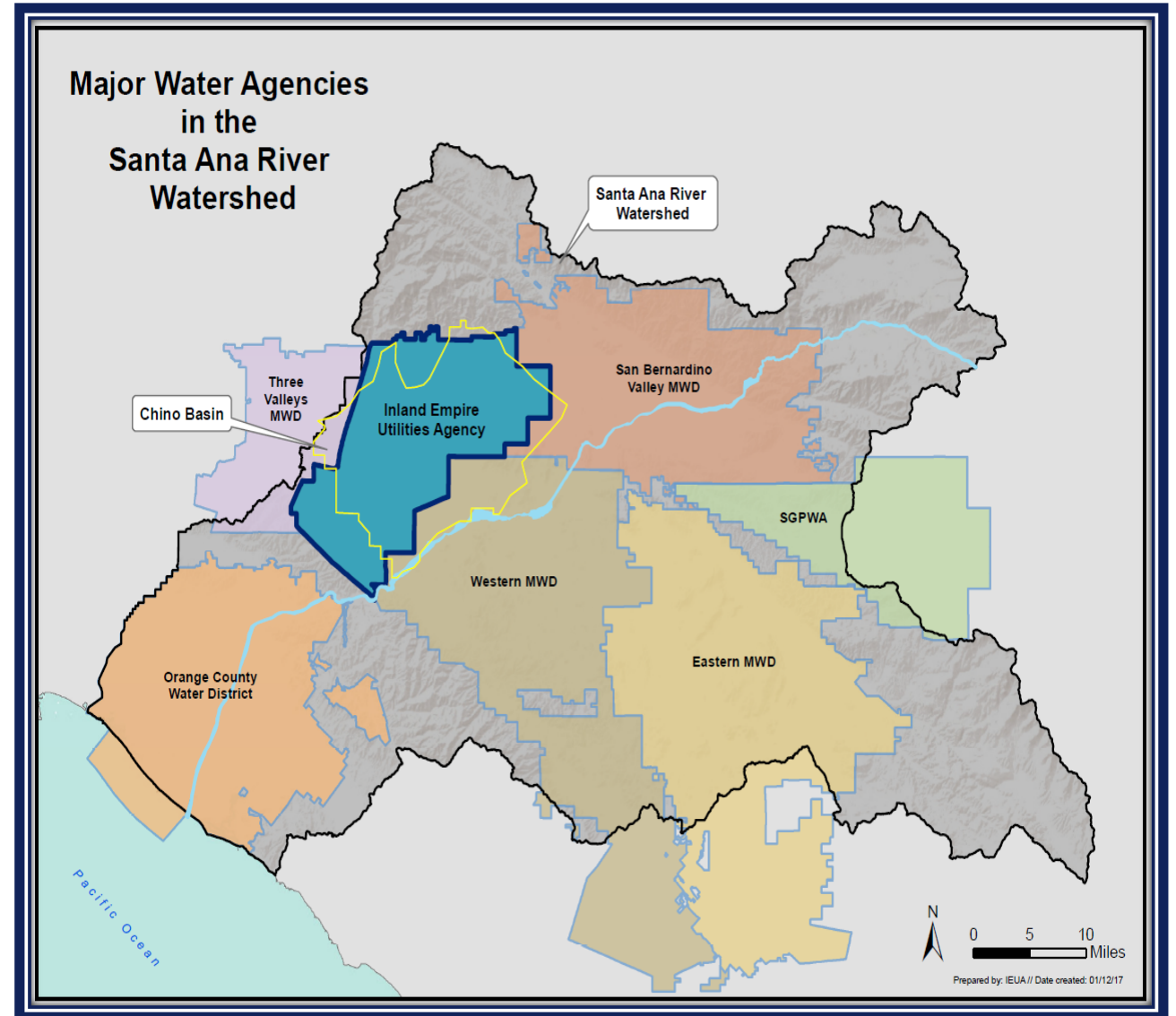
935,000 Residents



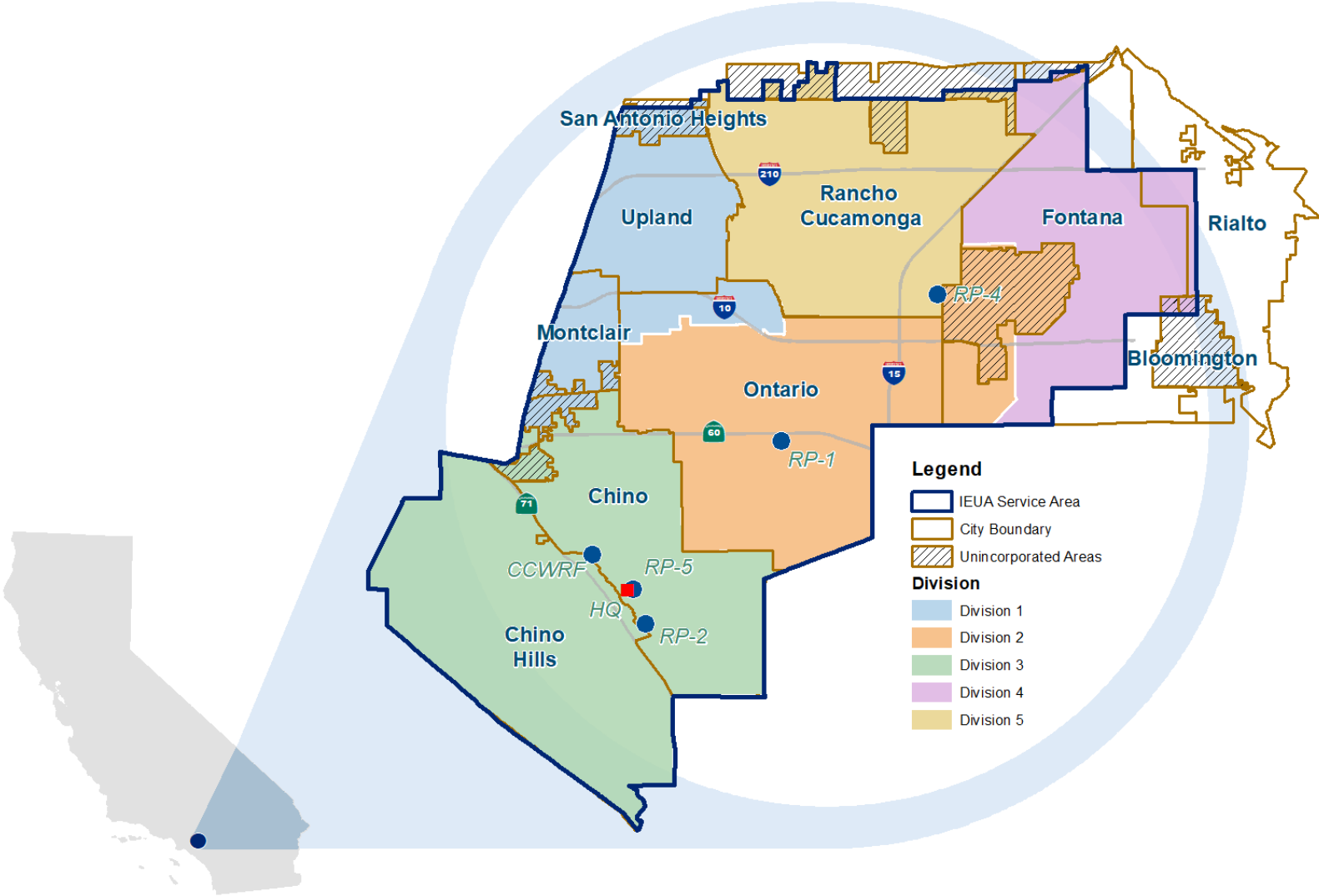
330 Employees



Headquartered in Chino,
California



IEUA Service Area



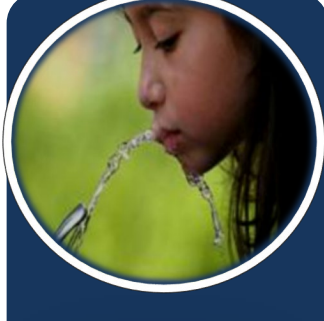
Major Programs



Composting
(IERCF)



Wastewater
Treatment



Water
Supply



Renewable
Energy



Recycled
Water Supply
&
Distribution



Groundwater
Recharge



Education,
Outreach and
Water-Use
Efficiency

- ✓ *Securing and supplying imported water*
- ✓ *Collecting and treating wastewater*
- ✓ *Producing high-quality renewable products (RW, compost, energy)*
- ✓ *Promoting sustainable use of GW and development of local water supplies*

Regional Water Recycling Plants

RP-1

City of Ontario



Treatment capacity of 44 million gallons per day of wastewater

RP-2

City of Chino



Will be decommissioned following RP-5 Expansion

Carbon Canyon

City of Chino



Treatment capacity of 11.4 million gallons per day of wastewater

RP-4

City of Rancho Cucamonga



Home of the 1 MW wind turbine and Inland Empire Regional Composting Facility

RP-5

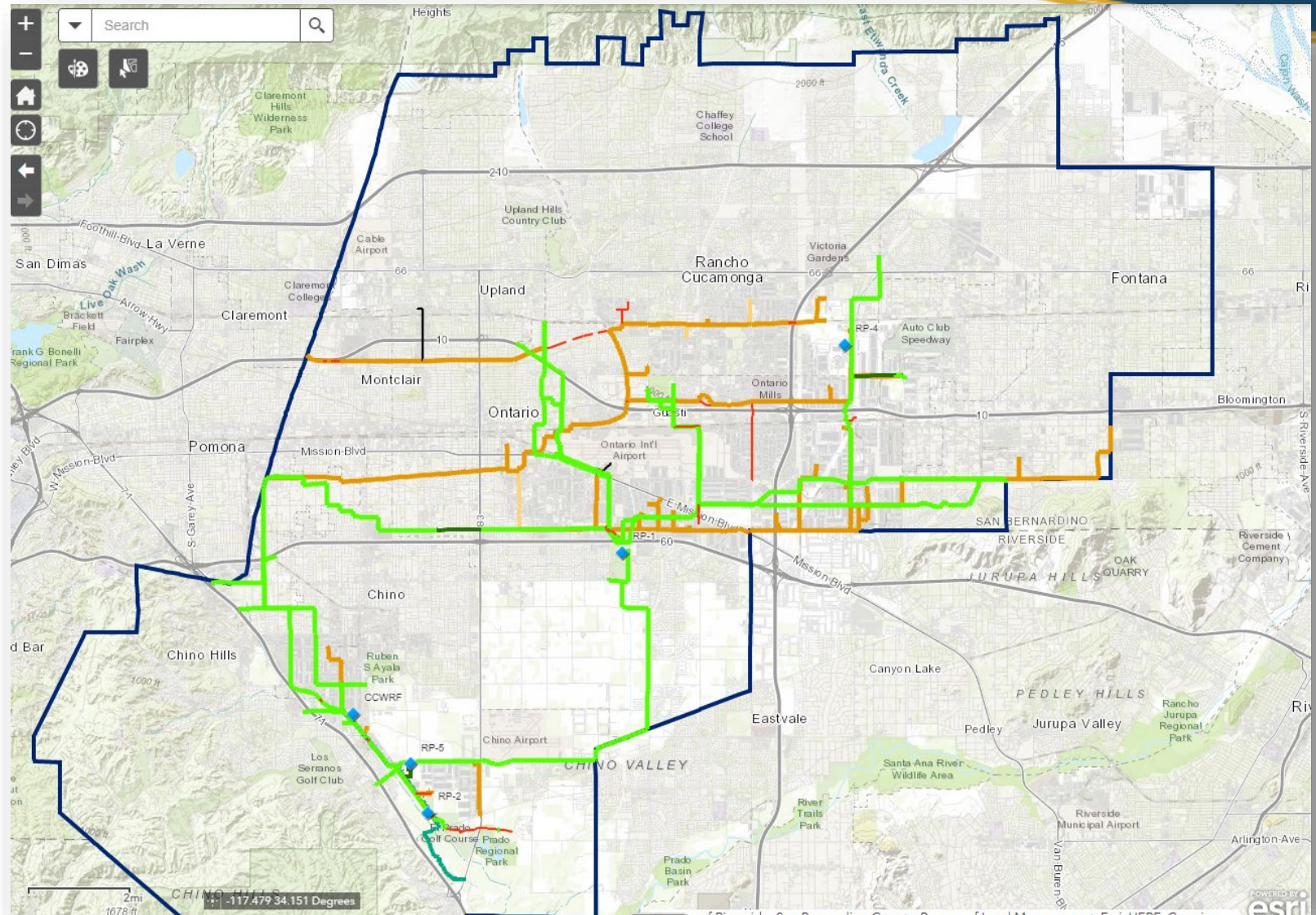
City of Chino



Expansion project started Oct. 2020

Sewer Types Serving Different Purposes

- IEUA service area has sanitary sewers 149 miles
 - Regional System
 - Residential, commercial, and industrial wastewater
 - Non-Reclaimable Wastewater System
 - Industrial wastewater with high TDS
 - Collection System
 - Pipelines
 - 5 Lift Stations

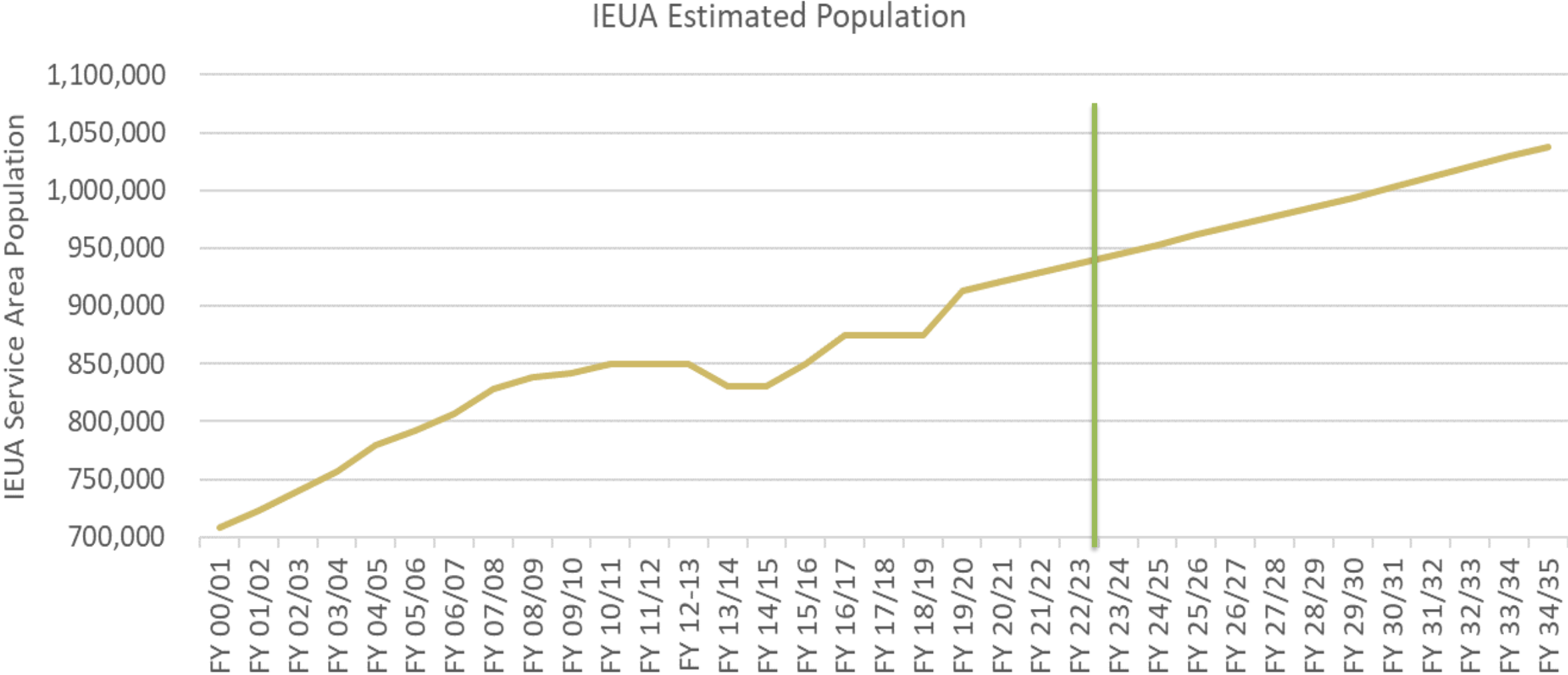


Operational Challenges

- Increase in Fats, Oils, and Grease (FOG) & Ragging



Population Increase & Industrial Expansion



The Mutual Aid Agreement

In 2004, IEUA entered into a Mutual Aid Agreement with their Regional Contracting Agencies and other partners to provide emergency response in the event of a disruption which would affect the water service, sewer service, or sewage treatment services provided by each agency.

IEUA has taken the lead in organizing quarterly meetings between the Mutual Aid partners for sewer collection training, discussions on regional system issues, and regulatory updates.

Mutual Aid Partners



The
Agreement



Quarterly
Meetings



Regional
Training



Emergency
Response
Support



Program Partners

Cucamonga Valley Water District

City of Ontario

City of Fontana

City of Montclair

City of Upland

City of Chino

City of Chino Hills

Jurupa Community Services District

City of Pomona (Pending)

Quarterly Meetings



**Two meetings a year for
Supervisors/Managers**



**Two meetings a year for Sewer
Collection Crews**



Focus of the meetings

Discuss regional challenges
Regulatory concerns & changes
Showcase new technologies and equipment
for the industry
Upcoming events
Educational/training

Regional Training Program

Why Regional training?

- Increase in retirements
- Need for hands on training for less experienced staff

IEUA took the lead to develop training for our partners

- Focused on sanitary sewer spill simulations
- Team building
- Multi-agency coordination
- Familiar with other agency equipment

Continual Development

- Collaboration with our partners, for the ongoing development and implementation of training program.



Mutual Aid Coordination Improves Response, Knowledge, and Relationships

- 2022 Sewer Collections Team hosted the first ever Multi-Agency Sanitary Sewer Overflow Drill.
- Total of six Agencies/Cities
- Training consisted of multiple SSO simulations and bypass support.



Regional Training Program

- The Mutual Aid Program has now incorporated this Regional Sanitary Sewer Spill Simulation training as an annual all-day event.
- This allows members of the agreement the opportunity to provide their staff emergency response training.
 - Supports the WDR Sanitary Sewer System General Order
- This provides the region with first-time responders who have the hands-on experience necessary to manage all occurrences.



Mutual Aid Partners Training Event

- Class instruction
 - Expectations of responders
 - Calculations of spills
- Received 6 hours of CEUs
- Sanitary Sewer Overflow (SSO) Simulations
 - Work with other crews
- Instruction on WDR Categories for spills
- A total of 10 agencies from the Inland Empire Region



SAVE THE DATE

Mutual Aid Partners
SSO DRILL

May 10th, 2023

Ontario Training Facility
1425 S Bon View Avenue
Ontario, CA 91762

RSVP to Ed Makowski at
emakowski@ieua.org

*Hosted in partnership with Inland Empire Utilities Agency,
Cucamonga Valley Water District and the City of Ontario.*

 Cucamonga Valley®
Water District
Service Beyond Expectation



 CITY OF
ONTARIO
SOUTHERN CALIFORNIA

Mutual Aid Partners Training Event



Class sessions



Simulation



Simulation



Mutual Aid Support

- 2/15/18 – Philadelphia Lift Station Force Main



Mutual Aid Support

- 7/19/20 - Glen Mead Siphon Blockage



Mutual Aid Support

- 11/19/20 - Preserve Lift Station Force Main



Mutual Aid Support

- June 8, 2023 – Provided mutual aid support to Cucamonga Valley Water District (CVWD)
Directional drilling caused a lateral line break



Mutual Aid Support Network

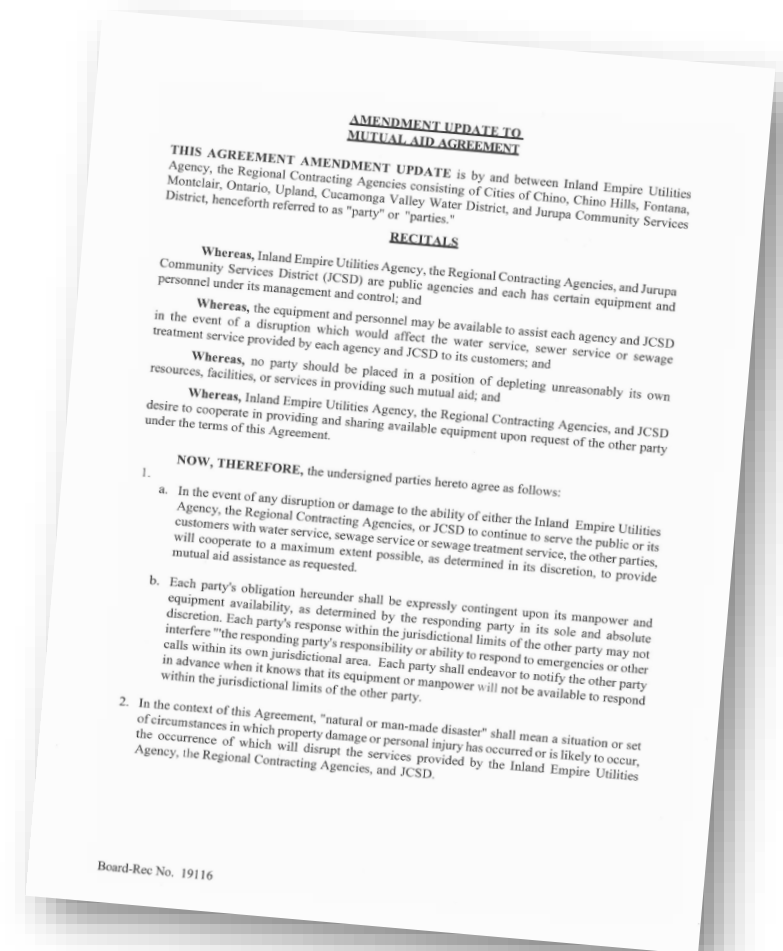
- As stated in agreement each party should provide contact information for Emergency response.

- On-call numbers of all agencies
- Contact sheet and equipment

Mutual Aid Contact and Resources List			
IEUA			
Position	Name	Email	Equipment available
Manager of Facilities & Water System Programs	Lucia Diaz	ldiaz@ieua.org	2 Gap/Van Trucks, Camera Van, 2 Traffic Trucks, Water Truck, 4" & 6" & 8" Trash Pumps, Confined Space Trailer and Equipment, 10 Yd Dump truck, Backhoe, 36"-60" Inflatable Sewer Plug, Portable Lighting, Cues Pole Camera
Collection System Supervisor	Ed Makowski	emakowski@ieua.org	
Senior Collections System Operator	Edward Chavez	echavez@ieua.org	
Senior Collections System Operator	Adolfo Zavala	azavala@ieua.org	
Cucamonga Valley Water District			
Position	Name	Email	Equipment available
Construction & Maintenance Superintendent	Robert Koczko	robertk@cvwdwater.com	(2) Bypass 6" Pumps, (1) tandem axle bypass pump and hose reel 6" various lengths, (3) Sewer Vactor Combination units, (2) CCTV Camera Trucks, (1) Confined Space Van and Equipment, Inflatable Sewer Plugs 8"-36"
Waste Water Supervisor	Shawn Sprimberg	shawns@cvwdwater.com	
Water Utility	James Bryan	jamesb@cvwdwater.com	
City of Chino			
Position	Name	Email	Equipment available
Public Works Services Manager	Ben Orosco	borosco@cityofchino.org	Sewer Vactor Jet Truck, Water Truck, 10 Yd ³ Dump Truck, Backhoe, 4" Water Pump, 4" trailered bypass pump
Asst. Public Works Services Manager	Keith Martinez	kmartinez@cityofchino.org	
Maintenance Lead Worker	Andy Ullamas	allamas@cityofchino.org	
City of Chino Hills			
Position	Name	Email	Equipment available
Operations Supervisor	Olson Childress	ochildress@chinhills.org	Vactor Truck, Camera Van, 6" Trash Pump, Backhoe, Jetter truck, 10 Ton Dump Truck, Skip Loader.
Water and Sewer Manager	Mark Wiley	mwiley@chinhills.org	
City of Fontana			
Position	Name	Email	Equipment available
Utilities Supervisor	Rob Rigby	rrigby@fontana.gov	Vactor Truck, Camera Van, Sewer Rodder, Multi Trash Pump, Large Dump Truck, Backhoe & Bobcat & Loader Tractor
Public Works Manager	Kyle Scribner	kscribner@fontana.gov	
Utilities and Streets Supervisor	Christopher Garcia	cgarcia@fontana.gov	
City of Montclair			
Position	Name	Email	Equipment available
Public Works Operations Assistant Manager	Alex Cardona	acardona@cityofmontclair.org	Sewer Jetter Truck, Camera Van, Water Truck, Backhoe, 1-7 Yd ³ and 2-2 Yd ³ Dump Trucks, 8" Trash Pump, Confined Space Trailer
Lead Sewer Worker	Alex Perez	aperez@cityofmontclair.org	
City of Ontario			
Position	Name	Email	Equipment available
Utilities Operations Manager	Andy Marquez	amarquez@ontarioca.gov	Vactor/Water Truck, Camera Van, Water Truck, 5 Yd ³ Dump Truck, Backhoe, (2,4,6,8) inch Trash Pump
Utilities Supervisor	Danny Fernandez	dfernandez@ontarioca.gov	
City of Upland			
Position	Name	Email	Equipment available
Senior Utility Worker	Jason Lara	jlara@uplandca.gov	Vactor combo truck, 2 vaccon combo trucks, 1 cctv truck, 6" trash pump, 2 backhoes, 2 10yd dumps.
Utilities Supervisor	Marc Warner	mwarner@uplandca.gov	
Jurupa Community Services District			
Position	Name	Email	Equipment available
Utilities Superintendent	Aaron Anderson	aanderson@jcsd.us	(2) Vactor Combo Trucks, (1) Straight Jetter, (2) CCTV Van, SSO Bypass Trailer Hose Reel W/ 4" & 6" Hose lengths with 6" HH trash Pump
Utility Supervisor	Ricky Tejada	rtejada@jcsd.us	
Utility Supervisor	Juan Hernandez	jhernandez@jcsd.us	
City of Pomona			
Position	Name	Email	Equipment available
Water Resources Manager	Gary Matthews	Gary.Matthews@pomonaca.gov	(2) Vactor Combo Unit Trucks, (1) Vactor Jetter (1) CCTV Truck, (4,6) Trash Pump, (2) EnviroSight Pole Camera, Confined Space Equipment.
Wastewater System Supervisor	Romell Eutsey	Romell.Eutsey@pomonaca.gov	

How does a Mutual Aid Partnership help you?

- Is Mutual Aid support in the WDR?
 - It's not explicitly called out in WDR
 - However, it can support compliance for SERP, WDR Attachment D-6.
- Can it help with the Sewer System Management Plan?
 - Bolstering backup equipment and inventory (Att D4.4)
 - Will support these areas
 - Specifications 5.2 (procedures), 5.6 (Resilience), 5.7 (Resources), 5.12 (SERP), and 5.19 (Proper Operations of any Facility).





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