



## **BAYWORK Workshop-On-Wheels (WOW) - Facility Visit Plan**

**PURPOSE:** Please provide information on who will be presenting and on the content of your presentation.

**I. AGENCY CONTACT:**

Name: Alfonso Yasonia

Title: Water Facilities Supervisor

Agency: Zone 7 Water Agency

Address: 8750 Patterson Pass Rd Livermore CA 94550

Email address: ayasonia@zone7water.com

**PRESENTER(S) (if different than agency contact):**

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Name: John Brixie (Water facilities supervisor) David Lavelle (Water Operator III)

Alfonso Yasonia (Water facilities supervisor)

Email address: jbrixie@zone7water.com ayasonia@zone7water.com  
dlavelle@zone7water.com

Number of employees: 110

Number of customers served Livermore, Pleasanton, Dublin, San Ramon. (Over 250k residents)

**FACILITY CHARACTERISTICS:**

Name of treatment facility or system: Patterson Pass Water Treatment Plant

Type of facility: Water Treatment  
(e.g., Water Distribution, Water Treatment, Wastewater Collections, Wastewater Treatment, Recycling, etc.)

## II. INNOVATION OR FEATURED PROCESS:

1. Please describe the innovation or process that you will be demonstrating to the workshop attendees:

Ozone treatment and disinfection for drinking water.

2. Please select all categories which apply to your process:

☒ Operations and Maintenance

☐ Optimization of existing resources

☐ Other (please describe): \_\_\_\_\_

3. What factors motivated your agency to implement this change, if any?

Improve Water Quality

4. What barriers/challenges did your agency encounter in planning and implementing the change?

Adding equipment and processes on limited real estate.

5. What benefits has your agency derived from this process?

Improved taste and odor control, significantly improved efficiency.

6. How has the change affected staff competencies and training needed?

Operators went through extensive training to learn the ozone process.

7. What lessons did you learn in the process about what worked and what didn't?

Our ozone system works quite well. No real problems

8. Please add any other information that would be useful to the workshop attendees about your presentation.



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**PURPOSE:** Please provide information on who will be presenting and on the content of your presentation.

**I. AGENCY CONTACT:**

Name: David Gluchowski

Title: Superintendent of Water Treatment

Agency: EBMUD

Address: 375 11th St, Oakland, CA 94607

Email address: david.gluchowski@ebmud.com

**PRESENTER(S) (if different than agency contact):**

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Name: May Turner

Title: Water Treatment Supervisor

Email address: may.cooc@ebmud.com

Number of employees: ~2,000

Number of customers served: 1.4 million

**FACILITY CHARACTERISTICS:**

Name of treatment facility or system: Upper San Leandro Water Treatment Plant (USL WTP)

Type of facility: Water Treatment  
(e.g., Water Distribution, Water Treatment, Wastewater Collections, Wastewater Treatment, Recycling, etc.)

## II. INNOVATION OR FEATURED PROCESS:

1. Please describe the innovation or process that you will be demonstrating to the workshop attendees:

Tour of USL WTP, a conventional WTP with intermediate ozone. Description of upcoming capital improvement project.

2. Please select all categories which apply to your process:

  X   Operations and Maintenance

       Optimization of existing resources

       Other (please describe): \_\_\_\_\_

3. What factors motivated your agency to implement this change, if any?

Capital improvement project improves safety and reliability, and increases plant production

4. What barriers/challenges did your agency encounter in planning and implementing the change?

Capital improvement project construction schedule, complex/detailed design

5. What benefits has your agency derived from this process?

Safer chemical systems, improved reliability, able to consistently operate plant at permitted 60 MGD.

6. How has the change affected staff competencies and training needed?

Training on new systems will be required. New process control strategies.

7. What lessons did you learn in the process about what worked and what didn't?