
State Water Resources Control Board

**Stakeholder Workgroup Meeting #2 to
Support Development of Water Loss Performance Standards
June 1, 2018
East Bay Municipal Utility District, 375 11th St Oakland, CA 94607
Board Room, 2nd Floor**

Objective: To discuss implementation of available methods for real loss monitoring and pressure management in water distribution systems to achieve real loss reduction

9:30 - 9:45 am: Welcome and Opening Remarks

Gita Kapahi, Facilitator
Participant Introductions

9:45 - 10 am: Overview of meeting objectives and topics of discussion

Max Gomberg, State Water Board

10 - 10:20 am: Water loss monitoring methods and technologies

Kartiki Naik, State Water Board

10:20 - 10:30: Break

10:30 - 11 am: Machine Learning and Pipeline Replacement Prioritization

Clifford Chan, East Bay Municipal Water District

11 am - 12 pm: Real loss detection and monitoring: Ongoing efforts and planning

Discussion

- Planning an approach and selecting methods for loss estimation and reduction
- Suitability of approaches for different system constraints and lessons learned

12 - 1 pm: Lunch

1 - 1:15 pm: Pressure management methods

Kartiki Naik, State Water Board

1:15 - 2 pm: Implementing pressure monitoring and reduction programs

Discussion

- Monitoring the Average Zone Pressure and the impact of pressure reduction on main breaks and real loss volume
- Pressure reduction: Balancing with fire flow and insurance requirements

2 - 2:15 pm: Break

2:15 - 2:45 pm: Pressure management case studies and water transient (surge) control

- Pressure management case studies

FELICIA MARCUS, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

- Transient monitoring: Effectiveness and feasibility of using transient loggers and models
- Transient management: Feasibility of employing operational practices and surge protection equipment

2:45 - 3:45 pm: Characterizing water loss detection and estimation methods

Overview by staff and discussion

3:45 - 4 pm: Wrap Up