

DRAFT
NHSRC Region 8 Workshop

Jan 26

8:00 – 8:30 Introduction to NHSRC

- Relation of Research to EPA's Homeland Security Program
- Research Planning (including PARTNER)

SESSION 1

8:30 – 10:30 Water Security Research

- Overview of the Water Security Initiative (Presentation by OW)
- Research to develop tools and methods to address vulnerabilities of DW & wastewater systems
 - Prevention tools
 - Detection technologies
 - Threat Ensemble Vulnerability Assessment (TEVA) Modeling
 - TEVA Sensor Placement Optimization Toolkit (TEVA-SPOT)
 - CANARY (Software to detect and interpret anomalous water quality data)
 - Containment and Mitigation scenarios
 - Water treatment and infrastructure Decontamination

10:30 – 10:45 Break

10:45– 11:15 Laboratory Response to Homeland Security Events

- Environmental Response Laboratory Network (ERLN) - including the Water Laboratory Alliance
- Standard Analytical Methods research and documentation

11:15– 12:00 Technology Testing and Evaluation Program

12:00– 12:45 Lunch

SESSION 2

12:45 – 1:45 Risk Assessment Research

- Microbial Risk Assessment
- Non-zero Anthrax cleanup research
- Provisional Advisory Levels

1:45 – 2:00 Break

2:00 – 3:40 Indoor and Outdoor Decontamination Research

- Overview of Research Capabilities
- Agent Fate and Persistence (including resuspension)
- Surface Decontamination
- Volumetric (Fumigation) Decontamination
- Waste Management
- Wide-area Decontamination

3:40 – 4:00 Bio-Response Operational Testing and Evaluation (BOTE)

4:00 – 5:00 Wrap up with mid-level management – discuss delivery of ORD research products, upcoming research needs related to homeland security