

## **CONCURRENT SESSION 5 – CHEMICAL AGENT DECONTAMINATION RESEARCH**

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### **The Assessment and Decontamination of an Opioid Contaminated Site and Establishment of California's Standards**

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This presentation will focus on a case study involving the assessment and decontamination of a property that was used as an illegal opioid (fentanyl and carfentanil) handling, processing, and pill packaging site. This case study will detail the environmental site assessment and sampling procedures, the residues and contaminant findings, and the decontamination methods that were developed and used to successfully mitigate the property. This effort required the development of a post-mitigation clearance assessment criteria level that was created through toxicological consultation and modeling based on an EPA reference dose algorithm. This case (and others at the time, in California) led to enhanced awareness of the hazards associated with opioid contaminated sites and resulted in the establishment of current assessment and regulatory cleanup standards in California for the re-occupancy of opioid-contaminated properties after law enforcement and first responders depart.

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