



**Massachusetts Water Resources Authority**

*Presentation to*

**Board of Directors**

**PCB Removal/Abatement at  
Cottage Farm CSO Facility**

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# Cottage Farm CSO Facility, 660 Memorial Dr, Cambridge





## PCBs at Cottage Farm CSO Facility

- Hazardous materials testing for disposal found PCBs in paint and caulk
  - Fuel line replacement project
  - Diesel oxidation catalyst project
- PCBs in paint and caulk greater than 50 ppm requires removal
  - Found in wall/floor/ceiling paint
  - Also painted equipment and piping
  - Limited caulking to be removed



## Engine Room





## Mezzanine





## Screen Room





# Pump Room





## Engine Room Piping







## Phase 1, Abatement

- Phase 1, \$525,000 design, \$2,101,000 construction
  - Remove paint from walls/floors/ceilings
  - Remove paint from large equipment and pipes
  - Encapsulate concrete walls/floors/ceilings
  - Long Term Monitoring of Encapsulation



## Phase 2 Facility Upgrade

- Phase 2, \$1,498,000 Design, \$7,354,000 Abatement/Upgrade
  - PCB-related design and abatement less than 5% of overall cost
  - Finish PCB removal during facility upgrade
  - Remove painted equipment/piping/ductwork
  - Remove any remaining paint after equipment removal