Presentation to

Board of Directors

PCB Removal/Abatement at Cottage Farm CSO Facility

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Environmental Manager

July 16, 2014
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
Screen Room
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