ENVIRONMENTAL CLEANUP APPROACH
FURLONG PARK
SALEM, MA

September 2010
LOCATION

SITE LOCATION
HISTORY

- Local Area Formerly Industrial
- Park Was North River Tidal Flats
- Filling With Solid Waste/Ash
- Soil Cover and Park 1926
- Park Renovations/Improvements 2009 - 2010
ENVIROMENTAL TESTING 2010
ENVIRONMENTAL TEST RESULTS
2010
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2010

- COAL TAR IN RIVER
- NO GROUNDWATER CONTAMINATION
- LOAM TOPSOIL IS 1-3 FT THICK
- ASH FILL BELOW TOPSOIL
- PAHs AND METALS IN FILL ARE ABOVE ACCEPTABLE LEVELS FOR PARK
- PAHs AND METALS IN SEDIMENT ARE ABOVE ACCEPTABLE LEVELS FOR PARK
DISPOSAL PROFILE AND CONFIRMATION TESTING
CLEANUP OPTIONS

• INCREASE CLEAN COVER TO 3 FT BY ADDING 1 - 2 FT OF SOIL
• INCREASE CLEAN COVER TO 3 FT BY REMOVING REMOVE 1 – 2 FT OF FILL AND REPLACE WITH SOIL (APPROX 9,000 CUBIC YARDS)
CLEANUP MANAGEMENT

- DEDICATED SITE CONSTRUCTION ENTRANCE
- ACCESS CONTROL AND SECURITY
- TRAFFIC CONTROL (4 – DAY WEEKS?)
- DUST MONITORING AND CONTROL
- EROSION MONITORING AND CONTROL
- PHASED CLEANUP AND RESTORATION FOR SEPARATE AREAS
CLEANUP APPROACH

Soil Excavation and Testing

Off-Site Recycling
CLEANUP APPROACH

Bring Clean Fill
RESTORE PARK AND COMPLETE IMPROVEMENTS