EPA Sampling of Newtown Creek

EPA Sampling

February – April, 2009

Surface Samples

Subsurface Samples

Analyzed for Organics and Inorganics

Expanded Site Inspection Report (Aug)

Hazard Ranking System Package (Sep)

NPL Proposal September 23, 2009

Sampling Locations

Methods

Surface Samples – Modified Van Veen

- 0 – 2 Feet

Subsurface Samples – VibraCore

- 4 – 6 Feet

Analyzed by EPA’s Contract Laboratory Program

- Validated

Results

Metals

- Copper and Zinc Exceeded 1% by Weight

Volatiles

Semi-Volatiles

- Including PAHs and PCBs
  - PAHs (21,000 ug/kg as Benzo(a)Pyrene)
  - PCBs (7,400 ug/kg)

Results are throughout Creek

- English Kills to East River

Results (cont)

Over 1 Million yd^3 of Contaminated Sediment

- 170 Acres

Impacts:

- Fishery
- Sensitive Environments

Background Locations

Comment Online at: www.regulations.gov

Keyword “Newtown Creek” or

Comment by U.S Mail

Docket Coordinator, Headquarters

U.S. Environmental Protection Agency

CERCLA Docket Office

Mail Code 5305T

1200 Pennsylvania Avenue N.W.

Washington, DC 20460

Comment Period Ends **December 23, 2009**

Superfund Process
Comprehensive Environmental Response, Compensation and Liability Act

Superfund Process

Discovery of toxic waste disposal sites prompted passage by Congress in 1980

Empowers EPA to compel responsible parties to pay for or conduct necessary response actions

Provides federal funds for cleanup of hazardous waste sites and to respond to emergencies involving hazardous substances

Superfund Process

Site Placed on National Priorities List

Remedial Investigation/Feasibility Study

Proposed Remedy

Record of Decision

Remedial Design

Remedial Action

Site Deletion

Monitoring, Maintenance (as appropriate)

For additional information and updates on EPA activities at the Newtown Creek site contact:

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