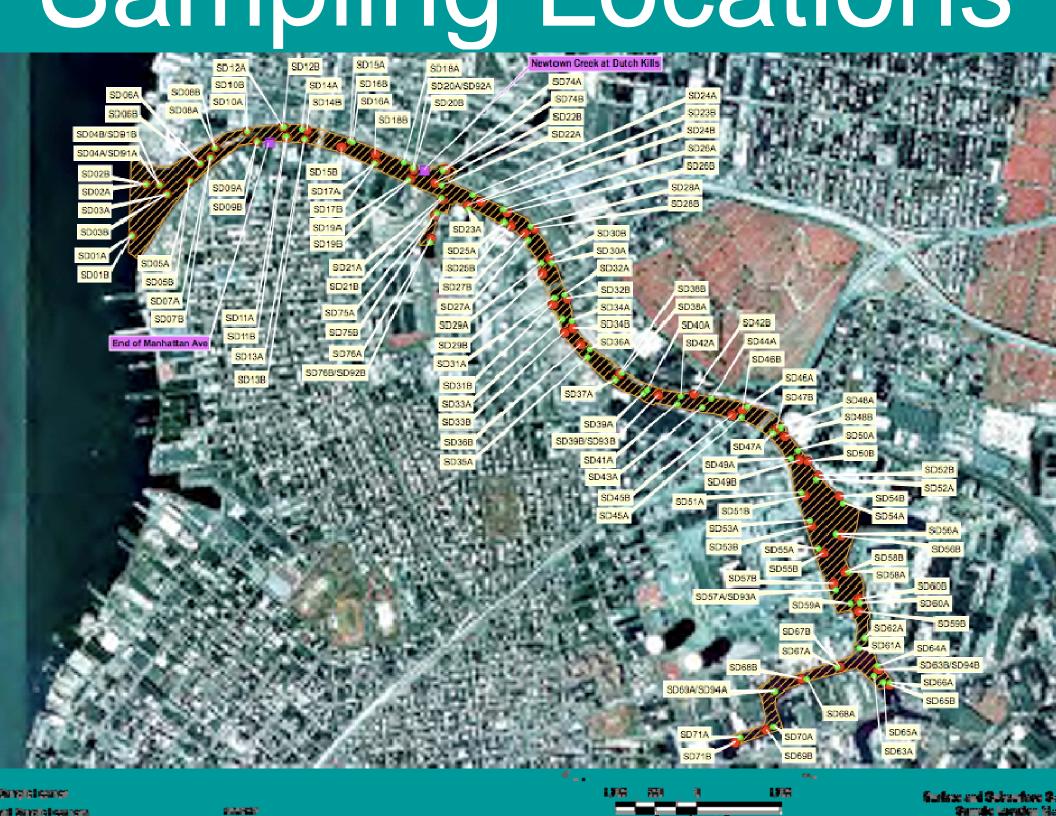
## EPA Sampling of Newtown Creek

## 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



## Methods

Surface Samples - Modified Van Veen

 $\bullet$  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<sup>3</sup> of Contaminated Sediment

• 170 Acres

## Impacts:

- Fishery
- Sensitive Environments

#### Dackground 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

Commont Pariod Ends December 22 2000

# 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:

Wanda Ayala Community Involvement Coordinator, US EPA 212-637-3676

Caroline Kwan
Remedial Project Manager, US EPA
212-637-4275

or visit: