

USACE BUFFALO NY DISTRICT
Site Safety and Health Visitor Briefing
For
The Seaway FUSRAP Site

Updated 10 Apr 2009

PURPOSE: To provide visitors with an initial Safety and Health Briefing prior to entering a Hazardous, Toxic and Radiological Waste (HTRW) Site, located in the Buffalo District; or when USACE Personnel have the requirement to escort an individual on-site for pre-work planning operations. This Site Safety and Health Visitor Briefing does not take the place of a complete Site Safety and Health Plan & Site Specific Training, or other contractor required Health and Safety mandates.

REFERENCES: EM 385-1-1, USACE Safety and Health Requirements Manual 15 Sep 2008
ER 385-1-92 Safety and Occupational Health Requirements for Hazardous, Toxic and Radioactive Waste Activities 1 May 2007
29 CFR 1910.120 & 1926.65, HAZWOPER Standard
10 CFR 20, Standards for Protection Against Radiation

BUFFALO DISTRICT POINTS OF CONTACT:

- Project Manager: [REDACTED] [REDACTED]
- Industrial Hygienist (IH): [REDACTED] [REDACTED]
- Health Physicist (HP): [REDACTED] [REDACTED]

VISITOR REQUIREMENTS, ACCESS PROCEDURES & RESTRICTIONS:

- All visitors to USACE Government- or Contractor controlled sites presenting hazardous conditions shall be briefed by a Qualified Person on the hazards to be expected on the site and the safety and health controls required (for example, hard hat, foot protection, etc.).
- The person in charge of the site shall ensure that all visitors entering the site are properly protected and are wearing, or provided with, the appropriate PPE. Site personnel should maintain a stock of common PPE, such as hard hats, eye protection, ear plugs, and reflective vests, for use by visitors.
- The site manager shall provide an escort for all visitors while on site.
- A visitor sign-in log shall be maintained on site.
- **USACE employees having the requirement to do field work, will coordinate with LRB IH & HP Staff to determine if a Radioactive Work Permit (RWP), Hazardous Work Permit (HWP) or Activity Hazardous Analysis (AHA) is required prior to site entry.**
- All site work will be pre-coordinated with the USACE Project Manager and SSHO of the Prime Contractor.
- The "BUDDY SYSTEM" will be used at all times
- Visitors will stay out of "RESTRICTED-POSTED" Areas
- Soils will not be disturbed without the approval and presence of an HP.

PHYSICAL HAZARDS

- Potential Slip, Trip and Fall Hazards exist in the form of; Uneven Grades, Ditches, Culverts, Animal Burrow Holes, and from muddy-slick-ice surfaces, etc.
- Personnel shall exercise caution when walking on site grounds and attempt to stay on paved/even surfaces when possible
- Outdoor lighting is very limited – Nighttime operations are prohibited

BIOLOGICAL HAZARDS

Site Visitors are required to advise the USACE Representative of any potential for a severe allergic reaction of which they may be aware of – PRIOR to site entry. Some of these Potential Hazards & Reactions may include:

- Stings from Bees & Wasp
- Bites from Ticks, Mosquito's, Bugs, etc.
- Poison Ivy or Poison Oak, etc.

RADIOLOGICAL HAZARDS

Site access restrictions preclude the possibility of visitors encountering any known radiological hazards. **ALL SITE WORK WILL BE PRE-COORDINATED WITH THE DISTRICT IH & HP STAFF.** Known site radiological hazards are as follows:

- RAD: Any "POSTED" RAD-MATERIAL Storage Areas, etc.

EMERGENCY RESPONSE

Emergency Assistance for Police, Fire, Medical, etc. can be obtained by contacting the Site Project Manager or Visitor Escort. For MINOR 1st Aid Emergencies, the closest medical facility is Kenmore Mercy Hospital, located at 2950 Elmwood Avenue, Tonawanda, NY. SEE ATTACHED ROUTE MAP. ALL Site-Related Emergencies MUST BE REPORTED TO THE USACE Project Manager.

*** All site visitors will have a cell phone available at all times ***

AGENCY	EMERGENCY #
• Police	911
• Fire	911
• Kenmore Mercy Hospital	716-447-6100
• CHEMTREC	1-800-424-9300
• USACE-Emergency Mgnt	716-879-0395

Attachments;

- 1 – Site Map
- 2 – Route Map to Kenmore Mercy Hospital
- 3 – Seaway FUSRAP Site Fact Sheet

Safety & Health Briefing Log

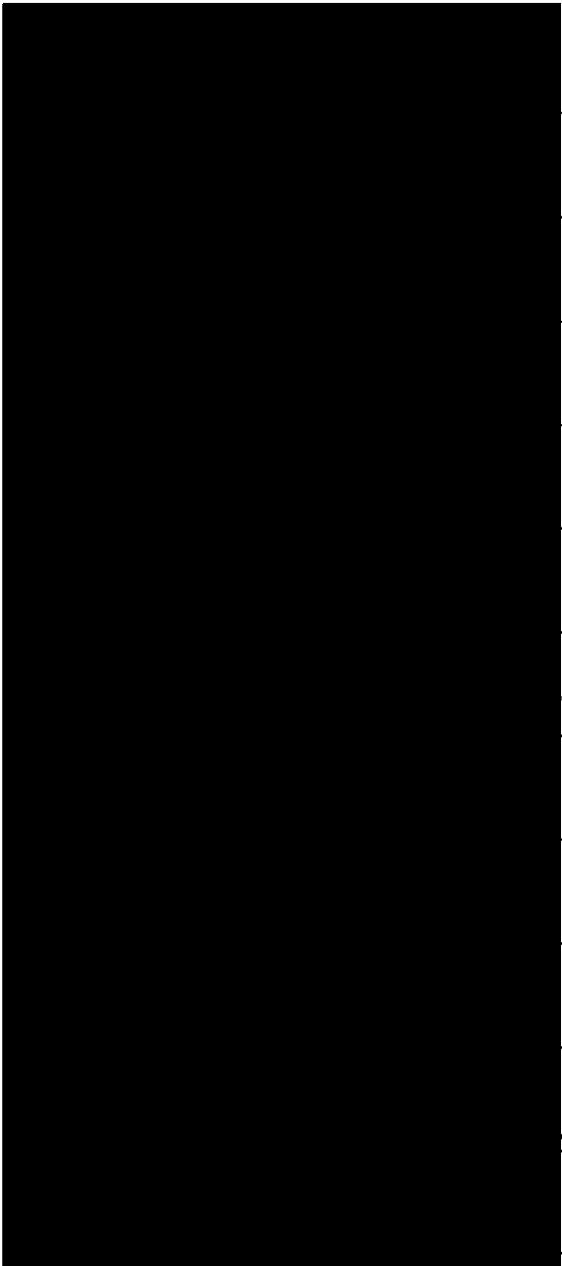
Briefers Name: 

Date & Time Briefing Conducted: _____

Visitors Name (print)

Company/Agency

Purpose of Visit

 Ser. Gillibrand

Cong L. Slaughter

Erie Co DEP

Senator Schumer

Town of Tonawanda

Town of Tonawanda

ERIE CO/TOW. PLANNING BOARD

USACE

TOWN TONAWANDA TECH SUPPORT

Town of Tonawanda

VIA SUPERVISOR, TOWN OF TONAWANDA

USACE

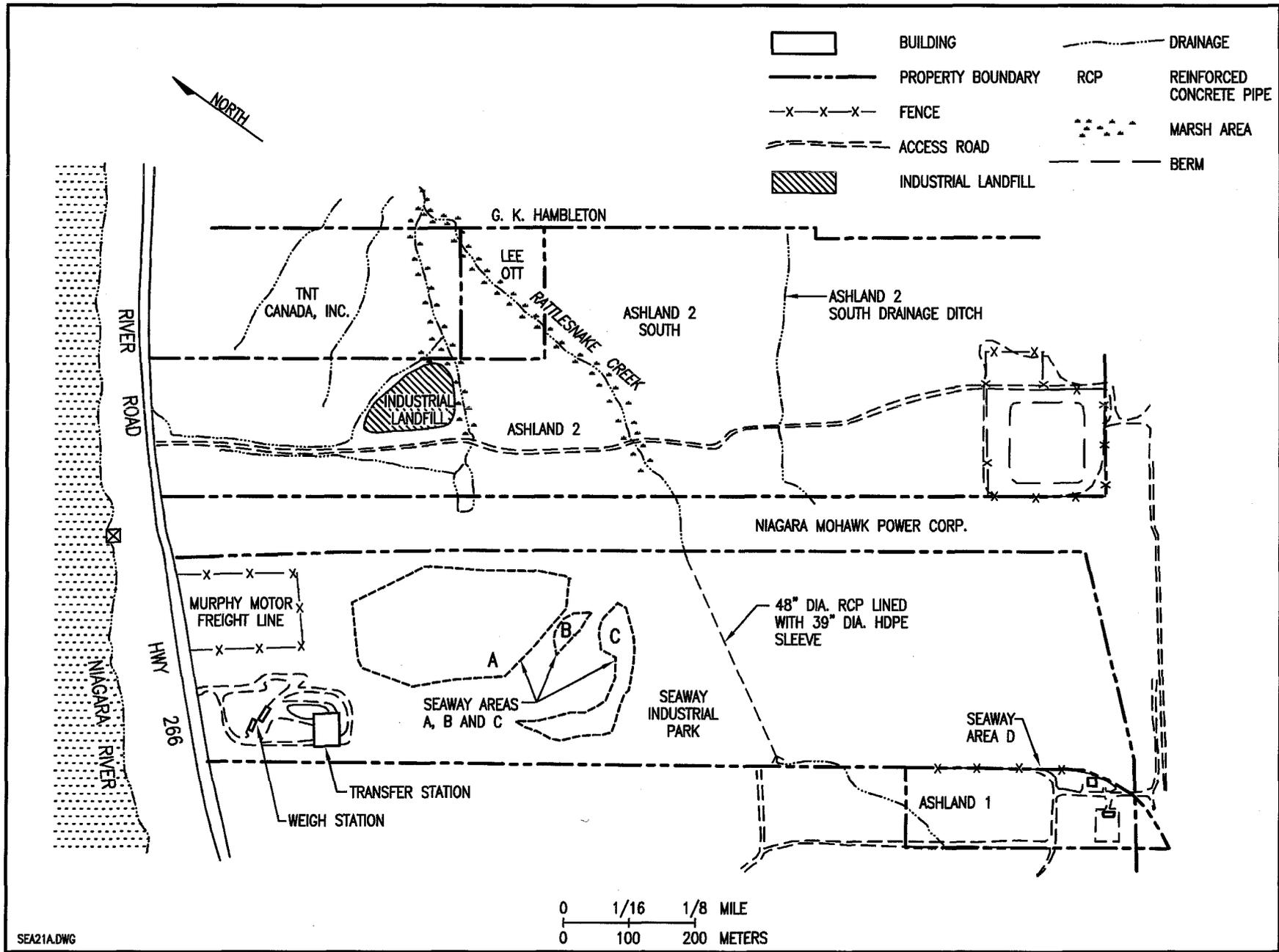
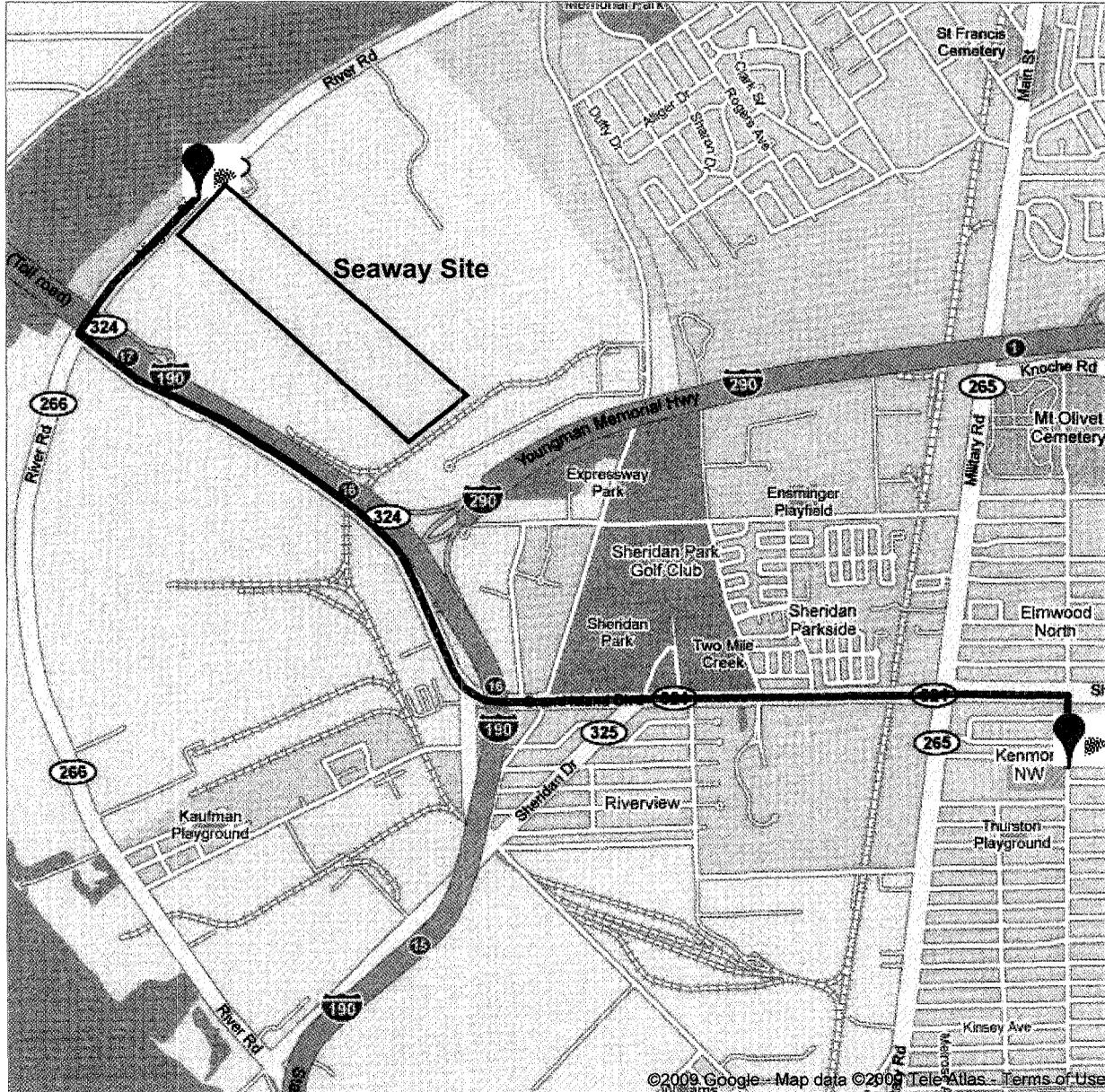


FIGURE 2-1
LOCATION DETAILS - SEAWAY PROPERTY



**Directions to 2950 Elmwood Ave,
Buffalo, NY 14217**

3.9 mi – about 8 mins
Kenmore Mercy Hospital
2950 Elmwood Avenue
Kenmore, NY



 4695 River Rd, Tonawanda, NY 14150

-
- | | |
|---|---------------------------|
|  1. Head southwest on NY-266/River Rd
About 1 min | go 0.5 mi
total 0.5 mi |
|  2. Turn left at Grand Island Blvd
About 4 mins | go 2.0 mi
total 2.5 mi |
|  3. Continue on NY-324/Sheridan Dr
About 3 mins | go 1.2 mi
total 3.7 mi |
|  4. Turn right at Elmwood Ave
About 1 min | go 0.2 mi
total 3.9 mi |

 2950 Elmwood Ave, Buffalo, NY 14217

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2009 , Tele Atlas



US Army Corps
of Engineers®
Buffalo District

Seaway FUSRAP Site

Fact Sheet

U.S. Army Corps of Engineers, Buffalo District • August 2008

This fact sheet has been prepared to address community outreach needs and is consistent with provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Fact sheets are one part of an effort to provide public information on environmental restoration and waste management.

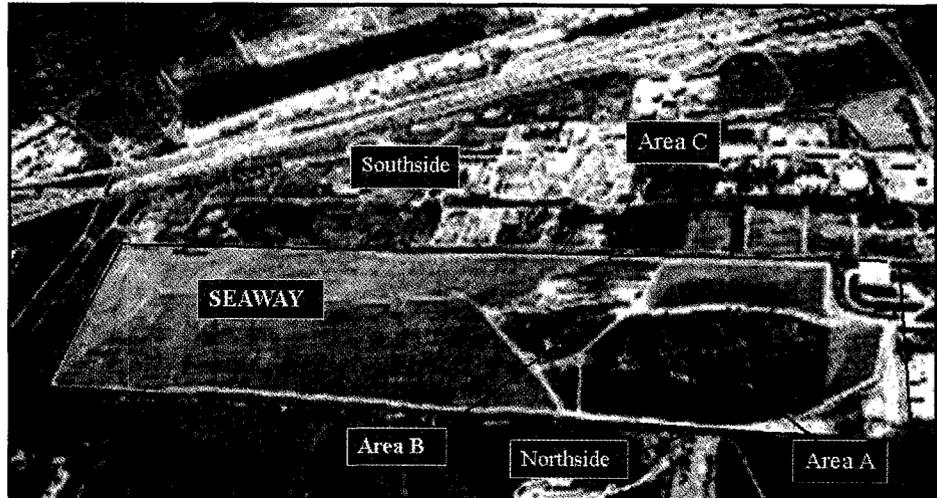
Site Description and History

The Seaway Site is located within the 100 acre Seaway Industrial Park located along River Road in the Town of Tonawanda, Erie County, NY, north of Buffalo and just south of the Niagara River. The site was operated as a landfill by Browning-Ferris Industries (BFI) through 1993. After ceasing operations, most of the landfill was capped by BFI in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC).

The Seaway Site was created when Formerly Utilized Sites Remedial Action Program (FUSRAP)-related materials containing low levels of residual radioactivity were disposed of on the adjacent property, Ashland 1, leased by the Federal Government. These radioactive residues were the result of activities to support the Nation's nuclear weapons program. This material was later relocated to the Seaway Site Areas A, B, C, and the Ashland 2 Site. These residues contained radium, thorium, uranium and uranium daughter products.

Area A is about an eleven-acre area. It is estimated that 40 percent of Area A is covered by a layer of fill material and refuse up to 10 feet thick. Areas B and C combined are about four acres. It is estimated that portions of Areas B and C have been covered with up to 40 feet of fill.

As a result of remediation of the sites adjacent to Seaway (Ashland 1 and Ashland 2), two additional areas of contamination along the Seaway property



were identified. These new areas are identified as Seaway Southside and Seaway Northside.

The Corps of Engineers conducted additional studies and issued an addendum to the 1993 Feasibility Study performed by the Department of Energy. This Feasibility Study Addendum (FSA), completed in 2008, incorporates the results of subsequent Corps assessments of groundwater, institutional controls and radon emissions, incorporates additional sampling results and improved volume estimates, updates the radiological risk posed by the FUSRAP contaminants, and develops and evaluates remedial alternatives. The Corps has concluded that CERCLA action is necessary for site soils to be protective of human health and the environment considering future industrial/commercial users. The site and adjacent areas are zoned industrial/commercial.

Seaway Proposed Plan

The Corps has prepared a Proposed Plan for the Seaway Site which identifies the Preferred Alternative for remediation of the site. The plan includes the site background, summary of site risks,

applicable or relevant and appropriate requirements (ARARs), residual contamination cleanup standards and guidelines, a summary of the remedial alternatives, an analysis of the alternatives, a comparison of the alternatives, and identification of the Preferred Alternative.

CERCLA remedial actions are evaluated against nine specific criteria.

The first two criteria are threshold criteria and must be met.

- *Overall Protection of Human Health and the Environment*
- *Compliance with Federal and State Environmental Regulations*

The next five criteria are considered balancing criteria and must be addressed.

- *Long-Term Effectiveness and Permanence*
- *Short-Term Effectiveness and Environmental Impacts*
- *Reduction in Toxicity, Mobility or Volume Through Treatment*
- *Implementability*
- *Cost*

The final two criteria are considered modifying criteria and are taken into account after public comment is received on the Proposed Plan.

- *State Acceptance*
- *Community Acceptance*

Preferred Alternative

The Preferred Alternative identified in the Proposed Plan is Alternative 6: Containment. The residues within the landfill will be covered with at least 4.5 feet of material. The FUSRAP-related residues in Seaway Northside and Southside that are located outside of the landfill leachate collection system and exceed the cleanup criteria will be removed and shipped off-site for disposal. The Preferred Alternative includes long-term surveillance and maintenance by the Federal government to ensure that land use controls are in place to prevent future access to and disturbance of the FUSRAP-related residues. This alternative will be protective of human health and the environment, complies with ARARs, and provides the best balance among the considered alternatives, particularly with respect to short-term effectiveness and costs.

Public Comments on Proposed Plan

The formal public comment period on the Proposed Plan ends October 27, 2008. Comments on the Proposed Plan must be submitted in writing and postmarked no later than October 27, 2008, and sent to the following address.

U.S. Army Corps of Engineers, Buffalo District
FUSRAP Team
1776 Niagara Street
Buffalo, NY 14207

These comments will be addressed and included in the Responsiveness Summary prepared with the Record of Decision, which is the next step in the CERCLA process.

Administrative Record File

The Administrative Record File for the Seaway Site contains the Proposed Plan and all supporting documents, such as the Addendum to the Feasibility Study. It is available for your review at the following locations:

U.S. Army Corps of Engineers 1776 Niagara Street Buffalo, New York 14207	Tonawanda Public Library 333 Main Street Tonawanda, New York 14150
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For More Information

For more information, please call the FUSRAP tool-free public access line.

Toll-free Telephone Number: 1-800-833-6390

FUSRAP also has a home page on the Internet.

**Buffalo District Web Page Address
for the Seaway Site is:**

<http://www.lrb.usace.army.mil/fusrap/seaway>

Electronic mail can be sent to us at:
fusrap@usace.army.mil

Please let us know if you would like to be included on the mailing list for the Seaway Site.

You may also contact the:
U.S. Army Corps of Engineers
FUSRAP Team
1776 Niagara Street
Buffalo, NY 14207