



US Army Corps
of Engineers®
Buffalo District

Seaway Site Timeline From 1930 to 2014

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Seaway Landfill begins being used for the disposal of various types of waste.

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Mill tailings from Manhattan Engineer District (MED) activities were transported to Ashland 1 from the Linde Site.

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Ashland 1 property owner moved approximately 6,000 cubic yards of MED-related material to the Seaway Site and Ashland 2.

Formerly Utilized Sites Remedial Action Program (FUSRAP) was initiated to identify, investigate, and if necessary, clean up or control sites throughout the United States contaminated as a result of MED or early Atomic Energy Commission activities.

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Radiological and gamma walkover surveys of the Seaway Site were conducted. Radiation was measured at depth in core hole samples.

Additional surveys performed in Areas A, B and C that identified FUSRAP-related material.

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The Seaway Site was designated into FUSRAP.

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A gamma walkover survey of FUSRAP-related material in Area A was performed. Areas B and C were found to be covered by significant fill material and refuse.

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U.S. Department of Energy releases remedial investigation, baseline risk assessment, feasibility study and proposed plan addressing Tonawanda Sites (Linde, Ashland 1, Ashland 2 and Seaway).



Congress transferred management and execution of FUSRAP to the U.S. Army Corps of Engineers.

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U.S. Army Corps of Engineers conducted gamma walkover survey of Areas A, B and C.

U.S. Army Corps of Engineers conducted a limited field investigation in Areas B and C.

U.S. Army Corps of Engineers' remediation efforts of Ashland 1 and Ashland 2 areas obtains additional information about perimeter soil contamination at the Seaway Northside and Southside areas.

U.S. Army Corps of Engineers performed extensive subsurface soil investigation of Areas B and C.



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Addendum to the feasibility study for the Seaway Site complete.

Proposed plan released for the Seaway Site.

Record of decision for the Seaway Site - designates containment of FUSRAP-related material within the landfill and, excavation and off-site disposal of contaminated soil in the Northside and Southside areas.

Remediation scope of work completed for removal of FUSRAP-contaminated soil in the Northside and Southside areas.

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US Army Corps
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Seaway Landfill Site

TONAWANDA, NY

- The Seaway Site property comprises about 100 acres referred to as the Seaway Industrial Park. It is owned by the Sands Mobile Park Corporation and Benderson Development Company.
- The Seaway Site was a commercial landfill used for the disposal of various types of wastes from 1930 to 1993.
- This site became contaminated with Formerly Utilized Sites Remedial Action Program (FUSRAP)-related material when material from the Linde Site that was at the neighboring Ashland I Site was moved by Ashland Oil to the landfill.
- Approximately 90% of the site has been used for disposal, and approximately 67% has been capped by the property owner in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC).
- Areas of known FUSRAP-related material were intentionally left uncapped. Later investigations showed some FUSRAP material in areas that were capped, and some FUSRAP material outside of the footprint of the landfill.
- When implementing FUSRAP, the Corps of Engineers follows the investigation and response framework of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

Selected Remedy

- The selected remedy for the Seaway Site includes two remedial actions: (1) containment by capping of FUSRAP material within the landfill and, (2) excavation and disposal of FUSRAP-contaminated soils located outside the landfill protective boundary.
- To ensure the long-term integrity of the Seaway Site, monitoring of FUSRAP-related materials in capped areas, and maintenance will be performed.
- The federal government will ensure land-use controls are in place to prevent future access to and disturbance of FUSRAP-related material.

Current Status

- The Corps released the record of decision (ROD) for the Seaway Site in November 2009. The ROD documents the final selected remedy for the Seaway Site, which is Containment with Limited Offsite Disposal.
- A remedial action to remove FUSRAP-contaminated soils outside the landfill containment system has been contracted for completion in 2015.
- Supporting this action for completion in 2015:
 - A pre-remediation investigation was conducted to further delineate the extent of soil requiring remediation.
 - A scope of work was prepared providing design and contractual details for the remedial action.
 - A competitively bid contract was awarded and comprehensive work plans were prepared to safely execute the work.

