

Niagara Falls Storage Site Summary of Status  
2/18/99 Meeting with Region 2 EPA

**Orientation to USACE Project: Niagara Falls Storage Site**

- Site contains both low and high activity radioactive wastes
- Designated as a FUSRAP site
- Given to USACE by Congress, October 1997
- USACE mandated to address site under CERCLA
- Not on NPL
- Property federally owned, therefore USACE policy is to clean up radiological and chemical contamination under FUSRAP

**Site Characteristics:**

- Site contains four outbuildings, two of which have contamination
  - Bldg. 403 has transite panels/scheduled for demolition
  - Building 401 has friable asbestos, fixed low level rad contamination, and possible chemical contamination
- Site has some low activity contamination in soil outside of Bldg. 401
- Site has a temporary engineered secure cell, which contains approximately:
  - 246,000 cubic yards of low activity rad waste
  - 4,000 cubic yards of high activity (>500,000 pCi/g) rad waste
  - contaminated equipment, including a 'dozer and part of a crane
  - contaminated PPE

**USACE Site Plans Through 2001 (where current funding stops)**

Task	Scheduled Completion
Remedial Investigation	August 2000
Building 403 Demolition	July 2000
Building 401 Asbestos Survey	August 2000
Non-intrusive Study of Cap	August 2000
Feasibility Study	August 2001

**Work Accomplished to Date:**

**Remedial Investigation:**

- RI awarded 31 March 1999
- Site visit and records review complete (19 boxes)
- Phase 1 sampling (not the whole phase 1) is complete and we are awaiting data
  - 100 soil/sediment samples
  - 45 water samples

- Non-intrusive study of cap is partially complete (settling survey)
- Phase 2 sampling due to start when phase 1 data is received and assessed (late spring)
  - sampling to be scoped to fill in data gaps and address reviewer comments

**Non- Intrusive Cap Study:**

- Study to involve several techniques, likely to include
  - Ground Penetrating Radar (GPR)
  - Electromagnetic Conductivity Studies
  - Electric Imaging
- Purpose: to determine where debris is in cap, to assess condition of bottom of cell, to determine whether water is pooled under or in the cell
- Study still being scoped

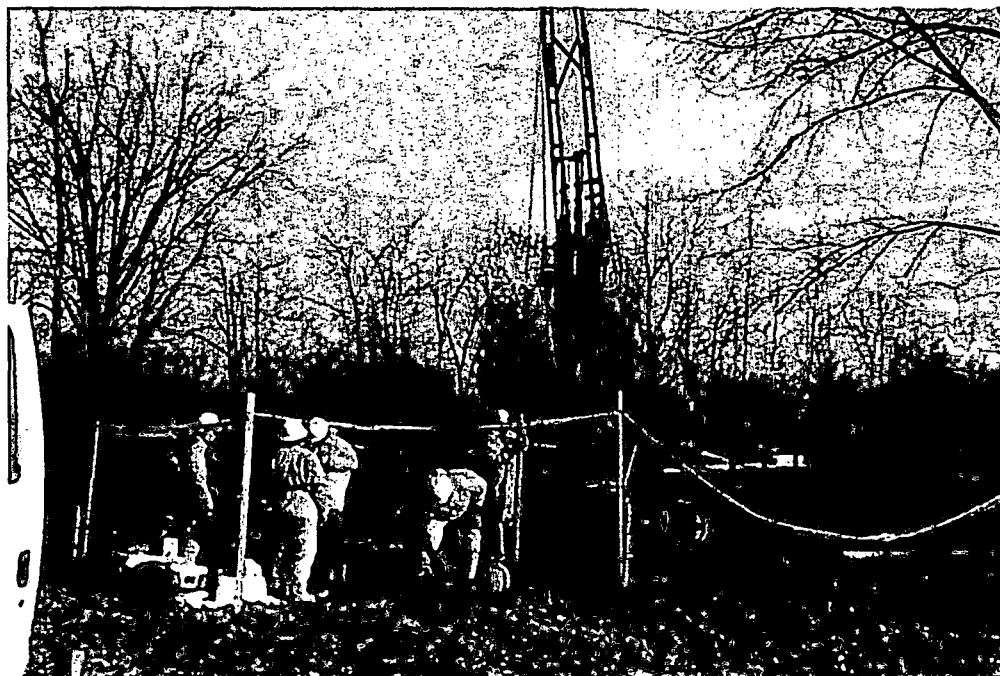
**Feasibility Study:**

- Scoping to occur after receipt of RI data
- Selection process for contractor underway

**Phase-in of USEPA Region 2 for Document Receipt:**

This will happen immediately following USEPA designation of point of contact





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