

Status Report
Former Lowry AFB Titan I
Missile Site 1, Complex 1A
Arapahoe County, Colorado

U.S. Army Corps of Engineers
Environmental Protection Agency
Colorado Department of Public Health and Environment

16 July 2003



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Omaha District

Former Lowry Titan I Complex 1A

Summary of Accomplishments

- **The first site investigation was conducted in 1989.**
- **A limited site investigation was performed in 1992.**
- **A site inspection was completed in 2000.**
- **A site inspection report was finalized in February 2003.**



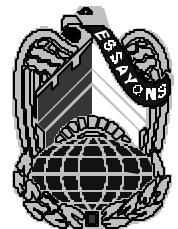


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Former Lowry Titan I Complex 1A

Update Status

- **The initial data gathering to support a Time-Critical Removal Action started in late June 2003.**
- **The findings from our current work effort will determine the appropriate actions to close out the site.**





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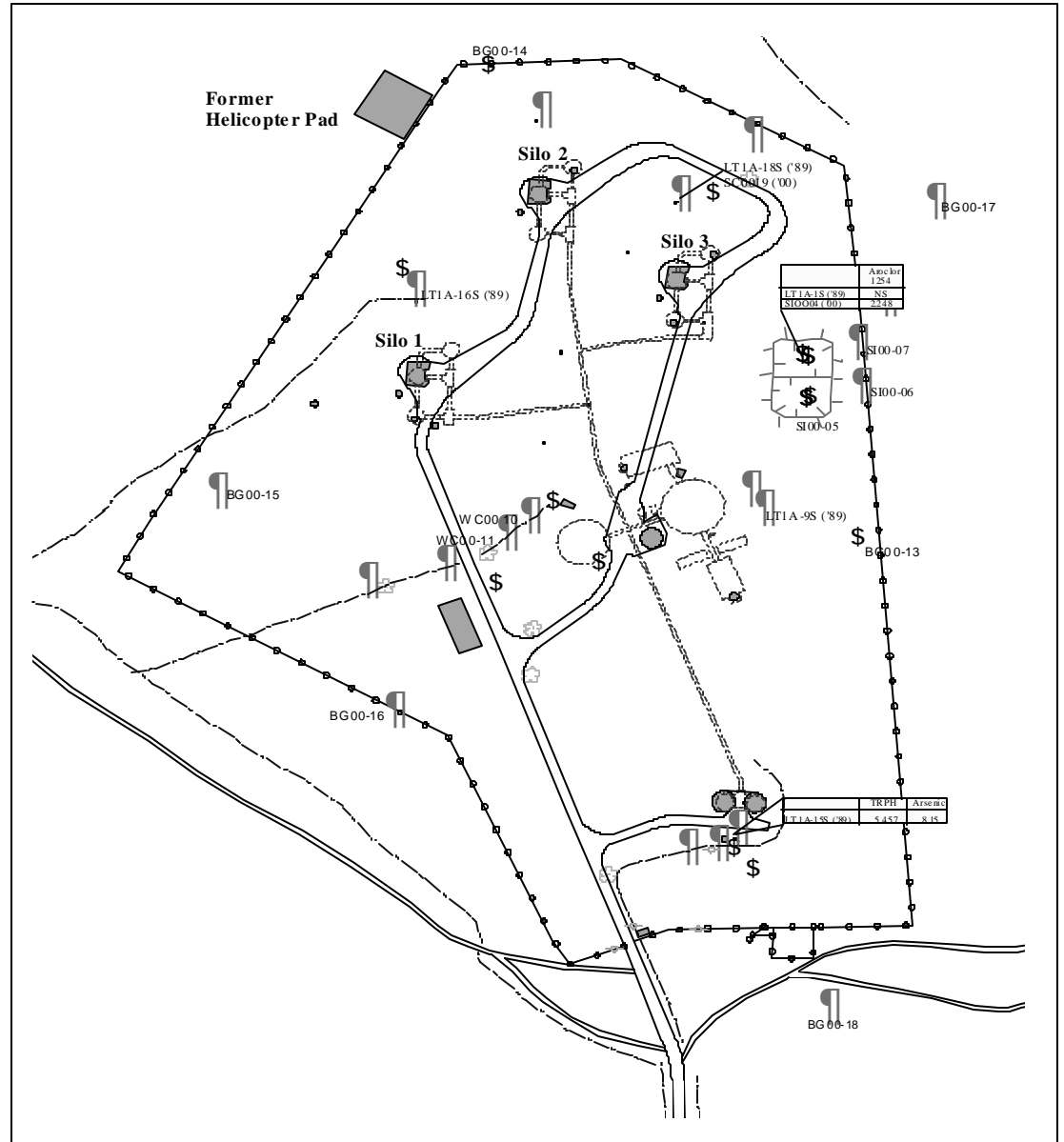
Complex 1A

Site Inspection

Maximum Detected

Soil Analytical

Results





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Areas of Elevated Contaminant Concentrations

Maximum Detected Soil Analytical Results Above Screening Levels

Location	Sample Identification	Chemical	Maximum Concentration
North Cell Sewage Lagoon, Surface	SI00-SB04-00/1	Aroclor-1254	2248 µg/kg
Sump Pump Antenna Shaft	LT1A-15S ('89)	TRPH	5457 mg/kg
Sump Pump Antenna Shaft	LT1A-15S ('89)	Arsenic	10.7 mg/kg





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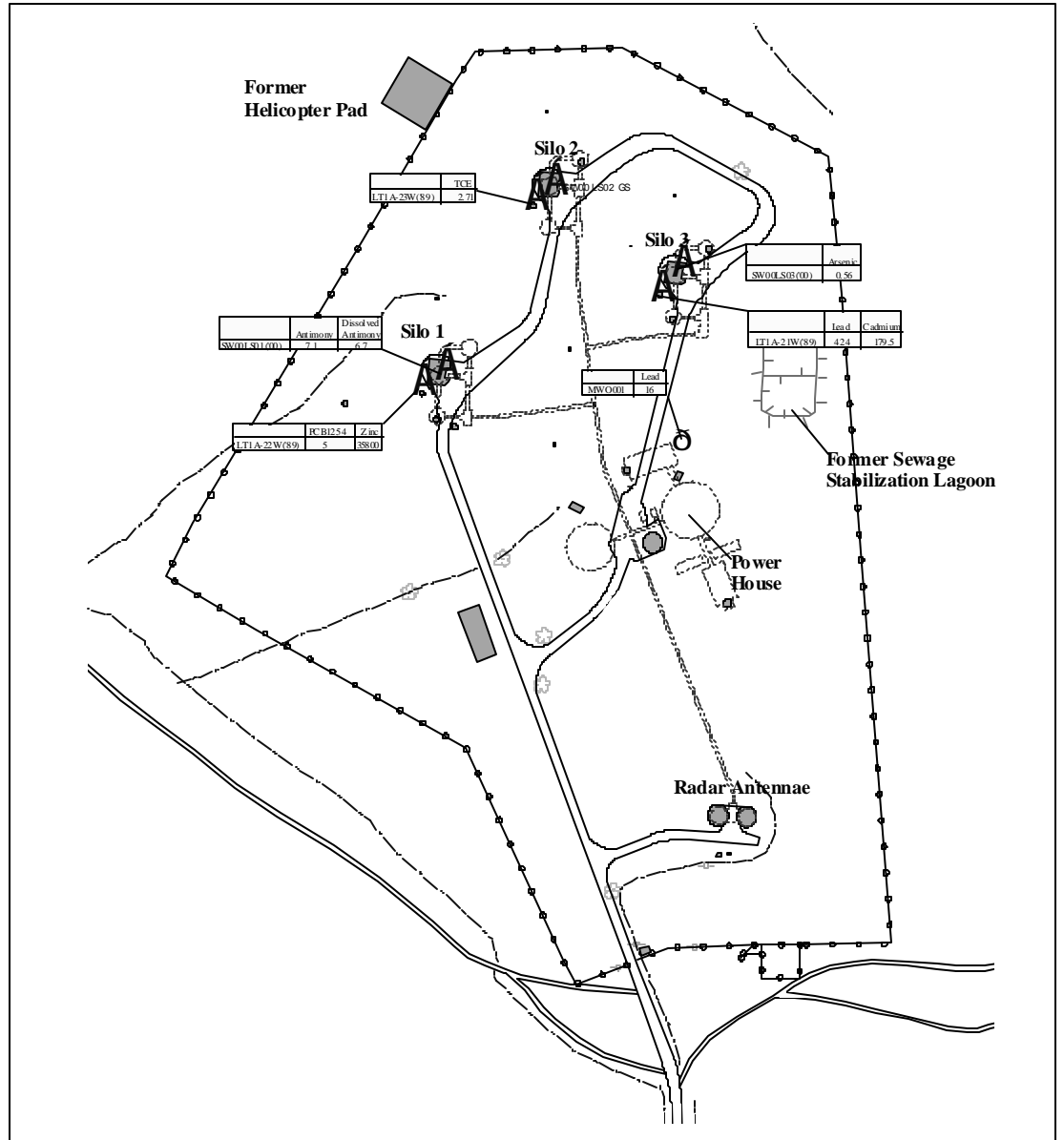
Complex 1A

Site Inspection

Maximum Detected

Water Analytical

Results





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Areas of Elevated Contaminant Concentrations

Maximum Detected Water Analytical Results Above Screening Levels

Location	Sample Identification	Chemical	Maximum Concentration
Silo 1	SW00-LS01	Antimony	7.1 µg/L
		Dissolved Antimony	6.7 µg/L
	LT1A -22W ('89)	PCB 1254	5 µg/L
		Zinc	35800 µg/L
Silo 2	LT1A-23W ('89)	TCE	2.71 µg/L
Silo 3	SW00-LS03	Arsenic	0.56 µg/L
	LT1A-21W ('89)	Lead	424 µg/L
		Cadmium	179.5 µg/L
Deep Borehole	MW00-01	Lead	16 µg/L





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Field Activities Conducted Northern Sewage Lagoon

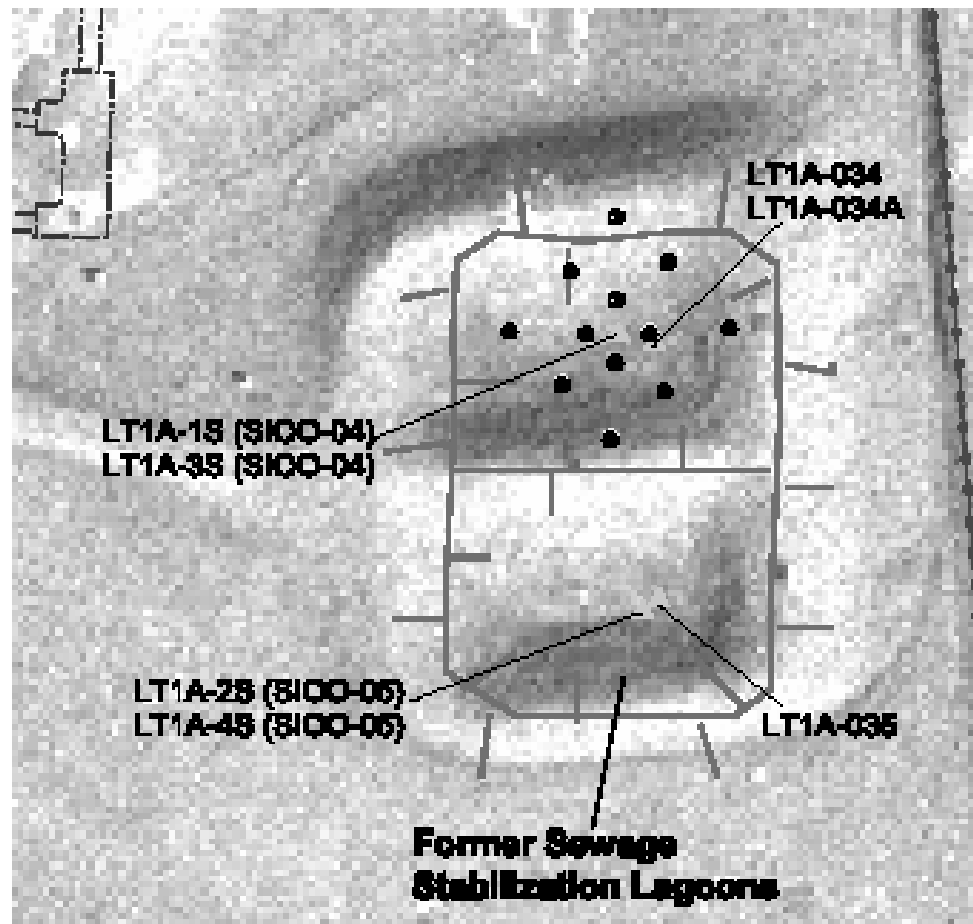
- Surface, subsurface soil samples and underground complex water samples were collected and submitted for PCB analysis.





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Soil Sample Locations





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Activities to Date

- Sealed sampling ports in all three silo vault lids.
- MW00-01 was abandoned in accordance with State of Colorado Water Well Construction Rules.





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Proposed Risk Management Activities

- Based on the soil analytical results, we may be removing soil from the lagoon.
- Based on silo #1 vent shaft water results, we may be removing water.
- Openings to silo #1 vent shafts and powerhouse vents may need to be secured.
- Scheduled to be completed by November 2003.

