

**United States Environmental Protection Agency**  
**Region I**  
**POLLUTION REPORT**

**Date:** Thursday, October 12, 2006

**From:** AmyJean McKeown

**Subject:** AC Lawrence Leather Company Sludge Lagoons  
0 Oxford Street, South Paris, ME  
Latitude: 44.2083000  
Longitude: -70.5167000

<b>POLREP No.:</b>	4	<b>Site #:</b>	01BG
<b>Reporting Period:</b>	9/18/06 - 10/6/06	<b>D.O. #:</b>	0054
<b>Start Date:</b>	8/2/2006	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	8/14/2006	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	MED985466093	<b>Contract #</b>	68-W-03-037
<b>RCRIS ID #:</b>			

**Site Description**

From approximately 1952 to 1977, the A.C. Lawrence Tannery (Tannery) facility, formerly located on the west bank of the Little Androscoggin River, used a metal trough to transport their waste to settling lagoons on the southeast bank of the Little Androscoggin River.

In the 1970's, the South Paris Publicly Owned Treatment Works was constructed and began accepting waste from the Tannery. In 1977, the lagoons ceased receiving wastes and a soil cap was placed over the sludge lagoons. The Tannery closed in 1985.

The land surrounding the Site is primarily wooded. A residential development is planned immediately south of the Site and currently the nearest residences are approximately 2000 feet northeast along Oxford Street. The land use on the west side of the river is industrial/commercial. The Site is located over a mapped sand and gravel aquifer.

This inactive seven acre Site is referred to as lot 7 on the Town of Paris, Maine Property Map R2. The cause of the contamination is from a non-oil manufacturing source (Tannery).

It is bounded:

- to the north by Little Androscoggin River;
- to the south by a residential development;
- to the east by Oxford Street; and,
- to the west by a railroad right-of-way then the Little Androscoggin River.

**Current Activities**

Week of 25 September 2006

OSC McKeown, EPA Chemist Clifford, SL Lynch, RM Quinlan with three operators and two laborers were on site.

Load out operations continued. Excavation of Lagoon 6 began and Lagoon 8 was completed. Lagoon 8 was backfilled with a 6 inch layer of compost followed by clean fill.

On 28 September 2006, excavation of Lagoon 6 was completed. It was backfilled with a 6 inch layer of compost followed by clean fill.

SL Lynch mapped the lagoons using a Trimble GPS unit. The maximum depth of Lagoon 8 was 7 feet

below ground surface and the maximum depth of Lagoon 6 was 5.5 feet below ground surface and the average depth was 4.5 feet below ground surface.

Number of Samples collected 66  
Samples Analyzed on-site 66  
Samples analyzed by NERL 7  
Samples analyzed by Shaw Laboratory for disposal purposes 3

1,509 tons of chromium-contaminated soil were sent to Juniper Ridge Landfill for disposal.

Week of 2 October 2006

On 2 October 2006, OSC McKeown, EPA Contractor Chemist Wafo, SL Lynch, RM Lustic with one operator and two laborers were on site. Load out operations continued. Excavation of Lagoon 07 began.

On 3 October 2006, the Administrative Record was delivered to the South Paris Library.

On 4 October 2006, MEDEP representative Kathy Howatt arrived on site to observe site activities. The excavation of Lagoon 7 was completed and it was backfilled with a 6 inch layer of compost followed by clean fill.

SL Lynch mapped Lagoon 7 using a Trimble GPS unit. The maximum depth of the excavation was 5 feet below ground surface and the average depth was 3.5 feet below ground surface.

On 5 October 2006, a representative from Paris Highway Department arrived on site to provide clean fill. START member Lynch and OSC McKeown collected 20 samples six inches below ground surface along the riverbank adjacent to Lagoon 1 to determine the extent of contamination. The samples were collected three feet from the edge of Lagoon 1.

1,830 tons of chromium-contaminated soil sent to Juniper Ridge Landfill for disposal.

Number of Samples collected 40  
Samples Analyzed on-site 40  
Samples analyzed by NERL 6  
Samples analyzed by Shaw Laboratory for disposal purposes 2

#### Planned Removal Actions

- Excavate and segregate the historical cap material from the underlying sludge;
- Excavate the sludge from the lagoons and the river bank (soil containing levels above 1000 ppm of chromium);
- Backfill excavated areas with 6" of compost and the original cap material;
- Possible excavation of contaminated sediment from the exposed river bed adjacent to the river bank;
- Stabilize the slope to minimize erosion and conduct ecological restoration;
- Dispose of the materials in accordance with the Off-Site Rule; and
- Coordinate with local community to evaluate preferred future land use in order to guide restoration activities to support beneficial site reuse.

#### Next Steps

- \* Continue with the excavation of chromium-contaminated soil.
- \* Continue shipping contaminated off-site for disposal.

#### Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non-Hazardous Waste. Chromium contaminated Soil	25.32 tons	BG00191806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil	26.95 tons	BG00291806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated	24.75	BG00391806	Juniper Ridge

Soil.	tons		Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	25.77 tons	BG00491806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	30.77 tons	BG00591806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.00 tons	BG00691806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	29.00 tons	BG00791806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	29.56 tons	BG00891806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	33.09 tons	BG00991806	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.63 tons	BG01091906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.86 tons	BG01191906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	29.32 tons	BG01291906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	34.19 tons	BG01391906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	34.80 tons	BG01491906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	27.97 tons	BG01591906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.48 tons	BG01691906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	29.02 tons	BG01791906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	29.46 tons	BG01891906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	33.11 tons	BG01991906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	34.08 tons	BG02091906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.46 tons	BG02191906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	35.69 tons	BG02291906	Juniper Ridge Landfill Alton, ME

Non-Hazardous Waste. Chromium contaminated Soil.	29.95 tons	BG02391906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	38.83 tons	BG02491906	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.30 tons	BG02592006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	34.72 tons	BG02692006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.39 tons	BG02792006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.43 tons	BG02892006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.08 tons	BG02992006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	36.97 tons	BG03092006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	36.74 tons	BG03192006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	30.84 tons	BG03292006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.38 tons	BG03392006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.63 tons	BG03492006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.46 tons	BG03592006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.13 tons	BG03692006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	33.26 tons	BG03792006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	32.69 tons	BG03892006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	34.87 tons	BG03992006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	30.80 tons	BG04092006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	33.32 tons	BG04192006	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	36.42 tons	BG04292106	Juniper Ridge Landfill

			Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	36.42 tons	BG04392106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	37.71 tons	BG04492106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.49 tons	BG04592106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.75 tons	BG04692106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	33.09 tons	BG04792106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	35.80 tons	BG04892106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	35.74 tons	BG04992106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	29.38 tons	BG05092106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	27.36 tons	BG05192106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	34.63 tons	BG05292106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	33.51 tons	BG05392106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	37.09 tons	BG05492106	Juniper Ridge Landfill Alton, ME
Non-Hazardous Waste. Chromium contaminated Soil.	31.12 tons	BG05592106	Juniper Ridge Landfill Alton, ME

[response.epa.gov/ACLleathercosludgelagoons](https://response.epa.gov/ACLleathercosludgelagoons)