

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

Date: Friday, May 4, 2007

From: AmyJean McKeown

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

POLREP No.:	8	Site #:	01BG
Reporting Period:		D.O. #:	0054
Start Date:	8/2/2006	Response Authority:	CERCLA
Mob Date:	8/14/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	MEN000105462	Contract #	68-W-03-037
RCRIS ID #:			

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 and the Little Androscoggin River.

Current Activities

Week of April 23, 2007

OSC McKeown, SL Burton, RM Lutsic, two equipment operators, and two laborers mobilized. Activities for the week included the continued excavation of Lagoon 3 and the completion of the excavation of Lagoon 2. The chromium-contaminated soil was stockpiled on top of Lagoon 4. The Town of Paris notified the OSC that the weight restrictions on Oxford Street were lifted, therefore T&D activities could commence as of 26 April 2007.

MEDEP representative Wayne Paradis visited the Site to discuss potential soil disposal options with OSC McKeown.

Number of samples collected: 11
Samples analyzed on-site: None
Samples analyzed by NERL: 11
Number of samples analyzed by SHAW Laboratory for disposal purposes: None

Week of April 30, 2007

OSC Rice, who was covering for OSC McKeown, SL Burton, RM Lutsic, two operators, and two laborers mobilized. Activities for the week included the continued excavation and stockpiling of chromium-contaminated soil from Lagoons 2 and 3, and the backfilling and rough grading of Lagoon 2 to minimize drop-off from Oxford Street. The crew size was reduced while EPA and MEDEP evaluated the environmental acceptability and suitability of adding the waste from this Site to the capped landfill on the AC Lawrence Disposal Site off of Kilgore Road.

Number of samples collected: 7

Samples analyzed on-site: None

Samples analyzed by NERL: 7

Number of samples analyzed by SHAW Laboratory for disposal purposes: 6

SL Burton mapped Lagoons 1-3 using a Trimble GPS unit. The maximum depths of the lagoons were: Lagoon 1 - 18 feet below ground surface (bgs), Lagoon 2 - 5 feet bgs, and Lagoon 3 - 6 feet bgs.

EPA increased the contractor's (Shaw) ceiling from \$2,582,000 to \$3,282,000.

Week of May 7, 2007

OSC McKeown, RM Lutsic, and one equipment operator mobilized. Activities for the week include review of Maine State Solid Waste Regulations - Chapter 401 pertaining to landfills, preparation and submission to the US Army Corps of Engineers of rough diagrams for riverbank repair, and initial removal of a portion of the contaminated soil berm supporting the sheet piling. Based upon EPA review of the Maine State Solid Waste Regulations and discussions with the MEDEP, it was determined that the chromium-contaminated soil would continue to be shipped off-site.

Week of 14 May 2007

OSC McKeown, SL Burton, RM Lutsic, and one equipment operator mobilized. Activities for the week include loadout of chromium-contaminated soil, and backfilling of Lagoons 1 and 3.

On May 17 2007 EPA Health and Safety Officer Tony Honellio arrived on site to complete a health and safety audit.

2,097 tons of chromium-contaminated soil was shipped to Juniper Ridge Landfill in Alton, ME at a cost of \$87,537.

Planned Removal Actions

- * Dispose stockpiled chromium-contaminated soil;
- * Remove sheet piling along the Little Androscoggin River;
- * Remove remaining berm along the northern wall of Lagoon 1; and
- * Restore the response-related damage along the river bank.

Next Steps

- * Continue with T & D of chromium-contaminated soil.
- * Continue with backfilling of Lagoons 1-3.

Key Issues

After reviewing the State of Maine Solid Waste Regulations and consulting with MEDEP, OSC McKeown concurred with MEDEP that utilizing the landfill (at the AC Lawrence Disposal Site) was not environmentally acceptable. Therefore, transportation and disposal activities have recommenced.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non-Hazardous Waste. Chromium contaminated soil	31.65 tons	BG565	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	36.64 tons	BG566	Juniper Ridge Landfill Old Town (Alton),

			ME
Non-Hazardous Waste. Chromium contaminated soil.	35.74 tons	BG567	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	36.26 tons	BG568	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.47 tons	BG569	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	35.86 tons	BG570	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	35.66 tons	BG571	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.15 tons	BG572	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	27.96 tons	BG573	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.27 tons	BG574	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.15 tons	BG575	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.28 tons	BG576	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	29.29 tons	BG577	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	36.02 tons	BG578	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.38 tons	BG579	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.37 tons	BG580	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.50 tons	BG581	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.10 tons	BG582	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.79 tons	BG583	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	35.90 tons	BG584	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.03 tons	BG585	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated	32.43	BG586	Juniper Ridge Landfill

soil.	tons		Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.24 tons	BG587	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.59 tons	BG588	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.26 tons	BG589	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.61 tons	BG590	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	31.62 tons	BG591	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.61 tons	BG592	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	27.67 tons	BG593	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.16 tons	BG594	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.41 tons	BG595	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.18 tons	BG596	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.78 tons	BG597	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.72 tons	BG598	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.98 tons	BG599	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.57 tons	BG600	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.77 tons	BG601	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	36.39 tons	BG602	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	27.87 tons	BG603	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.92 tons	BG604	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.47 tons	BG591(5/17/07)	Juniper Ridge Landfill Old Town (Alton), ME

Non-Hazardous Waste. Chromium contaminated soil.	35.00 tons	BG592(5/17/07)	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.44 tons	BG593(5/17/07)	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	31.27 tons	BG594(5/17/07)	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.38 tons	BG595(5/17/07)	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.98 tons	BG596(5/17/07)	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.70 tons	BG605	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	29.56 tons	BG606	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	31.93 tons	BG607	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	31.89 tons	BG608	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.60 tons	BG609	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	31.30 tons	BG610	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.95 tons	BG611	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	29.40 tons	BG612	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.03 tons	BG613	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.95 tons	BG614	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.24 tons	BG615	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.40 tons	BG616	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.40 tons	BG616	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	30.24 tons	BG617	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	28.18 tons	BG618	Juniper Ridge Landfill Old Town (Alton),

			ME
Non-Hazardous Waste. Chromium contaminated soil.	31.30 tons	BG619	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.67 tons	BG620	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	34.15 tons	BG621	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	32.83 tons	BG622	Juniper Ridge Landfill Old Town (Alton), ME
Non-Hazardous Waste. Chromium contaminated soil.	33.29 tons	BG623	Juniper Ridge Landfill Old Town (Alton), ME

response.epa.gov/ACLleathercosludgelagoons