



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

1200 Sixth Avenue
Seattle, Washington 98101

Reply To
Attn Of: ECL-116

Date: October 6, 2000

From: Mike Sibley, OSC Dept.: USEPA-10 (ECL-116)

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To: See distribution on last page

SUBJECT: POLREP 10 for TAYLOR LUMBER AND TREATING, INC.
Removal Action, Sheridan, Oregon

II BACKGROUND

Site No.: 10F1
Action Memo Status: September 28, 1999
Delivery Order: PRP Lead
NPL Status: Not listed
Response Authority: CERCLA
State Notification: Oregon Department of Environmental Quality notified
Response Start Date: November 29, 1999
Completion Date: October 31, 2000
Incident Category: Removal Action
Website Address:
<http://yosemite.epa.gov/r10/cleanup.nsf/sites/tlt>

The Taylor Lumber and Treating, Inc. (TLT) site, located in Sheridan, Oregon, is a wood-treating facility that manufactures lumber, wooden telephone and electrical power poles, pilings, and railroad ties. The preserved products (poles, pilings, and railroad ties) are coated with either creosote or pentachlorophenol (PCP) solutions. P-9 oil (petroleum products) is also used in conjunction with PCP. In previous years, the facility used a chrome, copper, and arsenic (CCA) solution for preservation. Operating practices and spills have resulted in contamination of surface soil, subsurface soil, and groundwater. Contamination has migrated off site via ditches on the perimeter of the property and via air releases.

Several investigations have revealed widespread surface soil contamination (especially arsenic), contamination of sediment in ditches and groundwater contamination.

An EPA Listing Site Inspection was conducted in 1990, RCRA Facility Inspections were conducted in 1991 and 1996, and an EPA Integrated Assessment is in progress. Several residences are located within ¼ mile of the facility and ditches lead to the South Yamhill River several hundred feet south of the facility.

The South Yamhill River is habitat to for anadromous fish, including Coho Salmon and Steelhead Trout. Other recreational species include Largemouth Bass, Bluegill, Crappie, and Channel Fish. Groundwater contamination, roughly 20 feet below ground surface, consists of a product layer one to several feet thick resting on siltstone. The product layer is migrating toward the Highway to the south of the facility and the South Yamhill River.

III SITE INFORMATION

A. Incident Category: The CERCLIS ID number for this site is ORD009042532.

B. Site Description

(See POLREP 1 for more detail).

C. Situation

September 29 – October 5, 2000

September 29 (Friday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 7 GEO-CON, 5 EQM. Weather: Clear, cool and windy, temps in the 60's

GEO-CON begins work and places Geosynthetic Clay Linear (GCL), Geotextile Linear and crushed stone in trench. They also excavate trench. EQM has completed as much as they can of cell 3. They are now waiting for the liner to be delivered.

GEO-CON's testing lab arrived on site to conduct compaction tests of the slurry wall barrier cap. All compaction test have passed the 95% criteria so far.

September 30, 2000 (Saturday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 6 GEO-CON, 5 EQM

Weather: Cloudy rain, high in the 60's

GEO-CON collects core samples all were wet and well mixed and no additional cores were required. Rain forced operations to halt for day at 9:45am.

EQM demolished the slurry wall pit because it is no longer needed for mixing the slurry.

October 1, 2000(Sunday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 6 GEO-CON, 5 EQM

Weather: Partly cloudy, temps in the 60's

GEO-CON continues work and places GCL, Geotextile and crushed stone in trench.

October 2, 2000 (Monday)

Personnel on site: 3 START, 0 EPA, 1 USCG, 8 GEO-CON, 5 EQM

Weather: Clear, temps in the 60's

GEO-CON excavates the barrier wall cap trench wall cap and installs GCL, Geotextile, and crushed stone in trench. START will complete review of Geosynthetic Clay Linear (GCL) and Geotextile issues, to ensure that they comply with the specifications. The liner is used to protect slurry wall prior to capping activities. EQM will continue to remove trench spoils around barrier wall and haul to holding cell.

RP Taylor Lumber subcontractor Sumco continues excavation of the entrance to the retorts & creosote loading area to facilitate installation of the concrete cover and rails.

October 3, 2000 (Tuesday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 7 GEO-CON, 5 EQM

Weather Clear, temps in the 60's

EQM will continue to move soils to holding area. GEO-CON excavated the barrier wall cap trench and stalled GCL, Geotextile and crushed stone. Compaction testing was performed on the crushed rock in the trench.

RP Taylor Lumber subcontractor Sumco continues excavation of the entrance to the retorts & creosote loading area to facilitate installation of the concrete cover and rails.

In response to wet dripping logs being placed on the newly completed asphalt cap, RP was told not to place visible product dripping wet logs on the asphalt. Logs must be completely dry prior to placement on the asphalt pad.

October 4, 2000 (Wednesday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 7 GEO-CON, 5 EQM

Weather: Clear, temps in the 60's

Compaction testing was performed on fill in slurry wall cap, all passed. Excavating and laying GCL, Geotextile and crushed rock continues. A ¾ inch steel plate was installed above the water and sewer line for structural support. While excavating soil Geocon damaged phone utility line. Phone company was called to come out to make repairs.

GEO-CON anticipates completing the slurry wall barrier cap by the end of day on Friday.

RP Taylor Lumber subcontractor Sumco continues excavation of the entrance to the retorts & creosote loading area to facilitate installation of the concrete cover and rails. Additionally, Sumco will demolish existing oil/water separator located near SW corner of slurry wall. The area is due to be paved. Sumco will install additional drainage line for the unloading area concrete drip pad.

October 5, 2000 (Thursday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 7 GEO-CON, 5 EQM

Weather: Clear, temps in the 70's

GEO-CON repaired storm drain line and high pressure water line and poured concrete around lines for structural support. Crushed stone and Geotextile placing in trench continues. EQM installed the liner in cell #3. Cell number #3 was filled to approximately one-half capacity by the end of the workday.

RP Taylor Lumber continues excavation of the entrance to the retorts & creosote loading area to facilitate installation of the concrete cover and rails.

D. Next Steps

1. Complete trench excavation and back fill operations by Oct 6th.
2. Continue sub-grade work in areas that are to be paved with asphalt by Oct 14th.

3. Finish slurry wall cap work by Oct 6th.
4. Begin asphalt paving of treatment plant area Oct 16th.
5. Install extraction wells after completion of paving Oct 23rd.
6. Sumco to pour concrete on north side of plant Oct 9th & East side Oct 16th.

IV COST INFORMATION

Estimated costs are summarized below:

	<u>Established Ceiling</u>	<u>Estimated Costs (As of 10/5/00)</u>
START	\$750,000	\$559,478.89 (as of 9/23/00)
EPA	\$50,000	\$16,500
USCG	\$50,000	\$21,000
EQM	\$1,576,200	\$1,386,580.21
 TOTAL	 \$2,426,200	 \$1,970,725.66

V DISPOSITION OF WASTES

No wastes disposed of during this period.

VI DISTRIBUTION

TO: EPA Headquarters, Washington, D.C., Attention: Terry Eby
 EPA Region 10, Attention: Chris Field
 EPA Region 10, Attention: OSC's
 STATE OF OREGON (ODEQ): Robert Danko/Kerri Nelson/Keith Andersen