



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

1200 Sixth Avenue
Seattle, Washington 98101

Reply To
Attn Of: ECL-116

Date: September 15, 2000

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

Tel No: (206) 553-1886

To: See distribution on last page

SUBJECT: POLREP 7 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 8 – September 14, 2000

September 8, 2000 (Friday)

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

Weather: Rainy and cooler, temperature in the 60's

EQM personnel continue to remove wood chip/bark pile, and begin preparations for survey and sub-grade work on the south end of the property. GEO-CON personnel continued pot-holing for utilities. They accidentally damaged an underground storm drain, which was repaired the same day. GEO-CON mostly completed the welding and laying-out of its slurry injection piping, as well as setting up equipment for the

slurry mixer and mixing pond. Taylor Lumber personnel removed the rail lines from the front side of the retorts and began tearing out the rail line timbers.

September 9, 2000 (Saturday)

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

Weather: Partly cloudy with early fog, high in the 70's

EQM moved stockpiled contaminated material from near the new water treatment unit to the containment cell. They also assisted GEO-CON personnel. GEO-CON completed the welding and laying out of the slurry pipe. GEO-CON completed the set-up of the slurry mixer and began mixing bentonite and pumping it into the slurry pond. A test pump of slurry through the entire length of the 4inch HDPE line was satisfactory. Taylor Lumber personnel continued rail car track removal, including the rail line north of the creosote unloading area.

September 10, 2000 (Sunday)

Personnel on site: 2 START, 1 EPA, 1 USCG, 5 GEO-CON, 4 EQM

Weather: Partly cloudy, drizzle, temps in the 60's

GEO-CON begins trench excavation starting from point zero and completes roughly 70 feet of trench, much of it through and around the underground utilities in front of Taylor Lumber's main office. EQM personnel assisted GEO-CON, mostly as truck drivers to haul the trench material to the containment cell. Carl Kitz (EPA-OSC) departed site at 1200.

September 11, 2000 (Monday)

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

Weather: Cloudy, morning drizzle clearing by afternoon, temps in the 70's.

Mike Sibley (EPA-OSC) on site. GEO-CON continues trench excavation and begins to backfill from point zero. A total of 140 feet of trench is now excavated. EQM personnel assisted GEO-CON operations. 3 hours were spent redirecting the water source of supply for the slurry operations. This was due to insufficient supply from the current water source, and the fact that the large volume of water needed for the slurry mixing

operations was depriving water of nearby residents homes, as well as Taylor Lumber's sawmills across the street.

September 12, 2000 (Tuesday)

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

Weather: Clear, temps in the 80's

GEO-CON continues trench excavation and back-filling. Operations were temporarily suspended in the afternoon due to a partial trench wall collapse.

A section of trench wall, roughly 20 feet in length, broke off into the trench, necessitating the need to have excavator matting brought in from Portland, OR. The matting arrived at approximately 1630. All collapsed material was removed and operations were suspended for the day at 1900. EQM continues to assist GEO-CON.

September 13, 2000 (Wednesday)

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

Weather: Clear, temps in the 80's

GEO-CON continues trench excavation and back-filling. Approximately 160 feet of trench was excavated. By the end of the day, the extent of the digging reached the first turn of the trench (at the Northeast corner), designated as 3+20 on the site map. EQM continues to assist GEO-CON.

September 14, 2000 (Thursday)

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

Weather: Clear, temps in the 80's

GEO-CON continues trench excavation and back-filling. Approximately 200 feet of trench was excavated. EQM, along with employees from Taylor Lumber, cleared out remaining debris, scrap metal, and Taylor Lumber equipment from south side of main building and commenced sub-grade work in the same general area. All excavated trench material is temporarily being set off to the side of the trench to allow for a quicker pace of excavation, as well as letting the liquid slurry drain from the material before being placed into the containment cell.

D. Next Steps

1. Continue trench excavation and back fill operations.
2. Continue sub-grade work in areas that will eventually be paved.

IV COST INFORMATION

Estimated costs are summarized below:

	<u>Established Ceiling</u>	<u>Estimated Costs (As of 09/14/00)</u>
START	\$750,000	\$526,181 (As of 09/02/00)
EPA	\$50,000	\$10,500
USCG	\$50,000	\$17,089
EQM	\$1,576,200	\$1,034,815
TOTAL	\$2,426,200	\$1,588,585

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