

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

Date: Friday, October 16, 2009

From: Kathy Parker, OSC

To: Debbie Bailey, ODEQ
Tara Aarnio, Oregon Iron Work
Ken Itel, Clackamas County

Subject: Continuation of Site Work - Week 7
Northwest Pipe and Casing
9585 Mather Road, Clackamas, OR
Latitude: 45.4149000
Longitude: -122.5200000

POLREP No.:	8	Site #:	10G8
Reporting Period:	10/9/09 to 10/15/09	D.O. #:	
Start Date:	8/12/2009	Response Authority:	CERCLA
Mob Date:	8/12/2009	Response Type:	Time-Critical
Demob Date:		NPL Status:	NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	ORD980988307	Contract #	
RCRIS ID #:	ORD980988307		

Current Activities

This Polrep covers Site work performed from Friday 10/9/09 through Thursday 10/15/09. Work on site began at 7am and ended at 5:30pm unless otherwise noted.

Friday 10/9/09

On-site today: OSC Parker, 1 START, 14 ERRS. Safety Meeting at 7 am.

Excavation:

- * Continued excavating and installing shoring in Excavation Area 1/Shore System 5/Bay3.
 - * Three samples collected from 25 feet bgs excavation floor in bays 1/5/2 floor, 1/5/3 floor, and 1/6/1 10 feet bgs and shipped to CLP lab with a trip blank for VOAs.
 - * Started excavating and installing shoring in Excavation Area 1/Shore System 6/Bay1.
 - * Continued backfilling Excavation Area 1/Shore System 4 with chitin and Daramend amended soil.
 - * Excavation Area 2: continued to excavate down to 4 feet bgs. Pulled out additional conduit at southeast edge of excavation. Parametrix observed excavation in afternoon.
- Samples collected of coal tar, sludge from a pipe and dark gray soil in Excavation Area 2 and submitted to F&B lab.

Containment Cells:

- * Continued to stock pile contaminated soil for subtitle D disposal.
- * Finished hauling 27 loads of contaminated soil off-site to Subtitle D landfill. 322 total loads (10,604 tons) hauled off-site to date.

Water Treatment System:

- * Continued filling dirty tanks 1 through 3 from excavation.
- * Pumped water from tanks 1, 2 and 3 through treatment system into tanks 10 through 13.

Other work:

- * Watered roads for dust suppression.
- * PID calibrated and used in dirty Excavator and miniexcavator.
- * No action level exceedances recorded by Dataram monitoring dust near the excavation work and at two locations near the site perimeter.
- * 25-ton haul truck broke a drive line during backfill operations and partially blocked access to the excavation and can't be moved until Monday.

Saturday 10/10/09

On-site today: OSC Parker, 13 ERRS. Safety Meeting at 7 am.

Excavation:

- * Finished excavating and installing shoring in Excavation Area 1/Shore System 6/Bay1.
- * Two samples collected from 1/6/1 at 25 feet bgs excavation floor and 1/6/2 at 10 feet bgs and shipped to CLP lab with a trip blank for VOAs.
- * Started excavating and installing shoring in Excavation Area 1/Shore System 6/Bay2.
- * Started backfilling Excavation Area 1/Shore System 5 with chitin and Daramend amended soil.
- * Excavation Area 2: continued to excavate down to 6 feet bgs.

Containment Cells:

- * Continued to stock pile contaminated soil for subtitle D disposal.

Water Treatment System:

- * Continued filling dirty tanks 1 through 3 from excavation.
- * Pumped water from tanks 1, 2 and 3 through treatment system into tanks 10 through 13.

Other work:

- * Watered roads for dust suppression.
- * PID calibrated and used in dirty Excavator and miniexcavator.
- * No action level exceedances recorded by Dataram monitoring dust near the excavation work and at two locations near the site perimeter.

Sunday 10/11/09 - no site work

Monday 10/12/09

Cold

On-site today: OSC Parker, 1 START, 14 ERRS. Safety Meeting at 7 am. (2 ERRS demobbed mid-day.)

Excavation:

- * Finished excavating and installing shoring in Excavation Area 1/Shore System 6/Bay2.
- * Two samples collected from 1/6/1 at 25 feet bgs excavation floor and 1/6/2 at 10 feet bgs and shipped to CLP lab with a trip blank for VOAs.
- * Finished backfilling Excavation Area 1/Shore System 5 with chitin and Daramend amended soil.
- * Excavation Area 2: finished excavating down to 6 feet bgs. OSC, START and ERRS dug test pits with shovels looking for solvent smell. Smell only detected in two areas – TP14 and TP23. Those areas will be excavated further.

Containment Cells:

- * Continued stock piling contaminated soil for subtitle D disposal and cover pile with plastic.

Water Treatment System:

- * Continued filling dirty tanks 1 through 4 from excavation.
- * Pumped water from tanks 1, 2 and 3 through treatment system into tanks 10 through 13.
- * Sampled tank 10 as representative of tanks 10 through 13 and sent sample to F&B lab and Specialty lab for pH.

Other work:

- * No dust suppression or monitoring as rain and wind were expected.
- * Started deconning damaged haul truck.
- * Discussed revised plan for Excavation Area 2 shoring layout with RPM, ODEQ, ERRS, START and Parametrix and ordered four 8'x20'x8' trench boxes for delivery tomorrow.

Tuesday 10/13/09

Cold

On-site today: OSC Parker, 12 ERRS. Safety Meeting at 7 am.

Excavation:

- * Finished excavating and installing shoring in Excavation Area 1/Shore System 6/Bay2.
- * Received four 8'x8'x20' trench boxes.
- * Started excavating 20 foot wide x 10 foot deep bench and ramp for haul trucks in Excavation Area 2.
- * Cleaned and demobbed part of one slide rail shoring system.

Containment Cells:

- * Moved soil from containment cells 3 through 7 and 10 through 14 to the larger stockpile of subtitle D soil
- * Continued stock piling contaminated soil for subtitle D disposal and covered pile with sheet plastic.

Water Treatment System:

- * Continued filling dirty tanks 1 through 4 from excavation.
- * Continued to treat water from 1 through 4 and pump into clean tanks 6 through 9.
- * Discovered small leak from clean tanks due to valve not completely closed. Rusty water from the tanks leaked to soil surface near discharge meter.

Other work:

- * PID calibrated and used in dirty Excavator and miniexcavator.
- * No dust suppression or monitoring as rain and wind were expected.
- * Site tour for Removal Manager Chris Field and Calvin Terada.
- * Demobed damaged haul truck and received replacement truck.

Wednesday 10/14/09

On-site today: OSC Parker, RPM Ader, 1 START, 12 ERRS. Safety Meeting at 7 am.

Excavation:

- * Started excavation of eight foot wide, twenty five foot deep trench in Excavation Area 2 at TP17, the far eastern edge, moving westward. Created a ramp for trucks to enter the excavation for loading out soil.
- * Calculated backfill proportions for a 0.8% to 1% Daramend wall and started backfilling the Excavation Area 2 trench in twenty linear foot sections with pea gravel, sand and three inch minus rock.
- * Finished deconning and demobing one slide rail shoring system.

Containment Cells:

- * Continued to stock pile contaminated soil for subtitle D disposal and cover pile with plastic.
- * Finished moving soil from containment cells 3 through 7 and 10 through 14 to the larger stockpile of subtitle D soil and removed the rock and liners.
- * Sampled the floors of cleared out containment cells 3 through 7 and 10 through 14 and sent the ten samples to F&B lab.
- * Covered soil in remaining containment cells and stockpile with sheet plastic and sandbags to shed rain.

Water Treatment System:

- * Set up Excavation Area 2 pump to send ground water into Excavation Area 1 shoring system 6.
- * Continued filling dirty tanks 1 through 4 from Excavation Areas 1 and 2.
- * Treated dirty water and filled clean tanks 6 through 9.

Other work:

- * No dust suppression or monitoring as rain and wind were expected.

Thursday 10/15/09

On-site today: OSC Parker, 1 START, 12 ERRS, 1 Parametrix. Safety Meeting at 7 am.

Excavation:

- * Continued to excavate and back fill with amended soil the eight foot wide, twenty five foot deep trench in Excavation Area 2, moving westward.

Containment Cells:

- * Continued to stock pile contaminated soil for subtitle D disposal and cover pile with plastic.

Water Treatment System:

- * Continued filling dirty tanks 1 through 4 from both excavations and treated water to clean tanks 6 through 9.
- * Discharged tanks 10 through 13 to POTW sewer intake.
- * Collected water samples from intermediate filter, clean (tanks 6-9), and dirty tanks and sent to F&G lab.

Other work:

- * No dust suppression or monitoring as rain and wind were expected.
- * OSC Parker gave a site tour to Art Arroyo, Army National Guard project manager of a large Camp Withycombe construction job across Mather Road from the site.
- * Parametrix measured the water levels at wells north and south of excavation area 1 and diagramed the current water depths to determine the effect pumping groundwater out of Excavation area 1 has had on the water table.

Planned Removal Actions

Excavate contaminated soil, backfill and cap to specifications.

Next Steps

1. Excavate contaminated soil and transport to appropriate landfill.
2. Backfill excavations with adequate compaction
3. Include soil amendment in backfill
4. Cap excavations with specified capping material

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