

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

Date: Saturday, September 12, 2009

From: Kathy Parker, OSC

To: Debbie Bailey, ODEQ
Anthony Barber, EPA Region 10 (POLREP List)
Chris Field, EPA Region 10 (POLREP List)
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Ken Iteel, Clackamas County
Dan Opalski, EPA Region 10 (POLREP List)
Deb Yamamoto, EPA
Tara Aarnio, Oregon Iron Work

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

POLREP No.:	3	Site #:	10G8
Reporting Period:	9/4/2009 to 9/11/2009	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 9/4/09 through Friday 9/11/09. Work on site began at 7am and generally ended at 5:30pm.

Friday 9/4/09

On-site today:

OSC Parker, 2 START, 6 ERRS. Safety Meeting at 7 am.

Discussions on waste water disposal issues continued with EPA attorney and Clackamas WES.

ERRS work included:

- * finishing clearing the two foot of clean cap off excavation area 1,
- * created dry wheel wash with 2 to 4 inch Gabian rock,
- * placing orange construction fence on the road side of the excavation,
- * shaping overburden stockpile,
- * watering the site for dust control and rinsing the pavement,
- * setting up satellite dish internet system.

Crew off-site at 3:30pm.

Saturday 9/5/09 - no site work

Sunday 9/6/09 - no site work

Monday 9/7/09 - no site work, ERRS checked the site for theft and vanadalmism

Tuesday 9/8/09 Sunny and cool (high 60F)

On-site today: OSC Parker, RPM Ader, OSC Franklin, 2 START, 11 ERRS. Safety Meeting at 7 am.

ERRS work included:

- * water tanks and groundwater treatment system components started arriving on site and assembly

commenced,
* slide shoring components started arriving on-site,
* started lining the containment cells with 8 mil reinforced liner, 6 oz geofabric and a 6 inch layer of rock,
* Water truck watered site to control dust due to on-site operations,
START collected composite soil samples from the 14 containment cells,
OSC Parker and RPM Ader met With Doug Tull of Oregon Iron Works to discuss the work they are doing on-site and how they should manage the monitoring well heads,
Clackamas county Water Environmental Services arrived on-site to discuss obtaining a sewer permit for treated groundwater,
OSC and RPM contacted EPA attorney to discuss waste water disposal issues.

Wednesday 9/9/09 cold in the morning, sunny, warm and humid in the afternoon

On-site today: OSC Parker, 2 START, 11 ERRS. Safety Meeting at 7 am.

OSC Parker measured the excavations relative to the test pits and bore holes, sketched possible shoring scenarios and discussed shoring layout with shoring supplier and ERRS RM. Final shoring and excavation plan entails starting excavation up-gradient at southwest end of Excavation Area 1.

Discussions on waste water disposal issues continued with EPA attorney, Clackamas WES, ODEQ rep, and other R10 OSCs. ERRS performed perc test on northwest corner of AOC with 2000 gallons clean water from fire hydrant, discharging the water at 400 gallons per minute. Water covered approx. 2000 square feet and had fully drained into the ground without ponding within 10 minutes after discharge was completed.

ERRS work included putting the shoring together, adding rock to the containment cells, continuing to assemble the water treatment system and fill the sand filters, and widening the site roads near excavation area 1.

START performed dust monitoring with Datarams near the excavation work and at two locations near the site perimeter. No exceedances to site action levels were recorded.

Thursday 9/10/09 Dry, low was around 60F, high in the upper 90's F.

On-site today: OSC Parker, 2 START, 11 ERRS. Safety Meeting at 7 am where DP Nicholi rep discussed shoring installation safety concerns.

Discussions on waste water disposal issues continued with other OSCs, EPA attorney, Clackamas WES, and International Wood Products which controls the property in front of the recommended sewer intake. Site security patrol frequency increased starting this day.

Tour conducted on-site by OSC Parker, START and ERRS RM for 20 high school students and two teachers from North Clackamas school district.

ERRS started excavation and shoring installation in Excavation Area 1/Shore System 1/Bay 1.

ERRS work included

- * continuing to assemble the water treatment system,
- * unloading and filling the carbon filters with 20 supersacks of granular activated carbon,
- * and widening the site roads near excavation area 1.

Crew left site at 630pm.

START performed dust monitoring with Datarams near the excavation work and at two locations near the site perimeter. No exceedances to site action levels were recorded.

Friday 9/11/09 Dry, low was 59F, high 93F.

On-site today:

OSC Parker, 2 START, 11 ERRS. Safety Meeting at 7 am.

Discussions on waste water disposal issues continued with EPA attorney and Clackamas WES.

Discussions continued Parametrix on soil amendment and dosing rate.

Umbrella HASP was drafted to unify the various companies' site Health and Safety Plans.

ERRS work included

- *continuing to excavate and install shoring in Excavation Area 1/Shore System 1/Bay 1,
- *continuing to assemble the water treatment system,
- *continuing to water for dust suppression,
- *conditioning the carbon filters with water,
- *monitoring the excavated soil in containment cell 1,
- *installing the excavation pump in a fuel containment cell,
- *trenching, installing and covering the suction pipe where it crosses the on-site road,
- *installing a road crossing for the sewer pipe where it leaves the AOC, crosses Mather Road and enters the sewer through the road manhole.

START performed dust monitoring with Datarams near the excavation work and at two locations near the site perimeter. No exceedances to site action levels were recorded.

Planned Removal Actions

Excavate contaminated soil, backfill and cap to specifications.

Next Steps

1. Draft sampling plan
2. Draft decision tree for disposal of treated excavation water based on analytical data
3. Draft decision tree for segregation of excavated contaminated soil based on analytical data
4. Finish testing of on-site water treatment system
5. Design layout of and install slide shoring
6. Excavate contaminated soil
7. Backfill excavations with adequate compaction
8. Cap excavations with specified capping material

Key Issues

1. Adequate treatment and cost effective, appropriate disposal of ground water from dewatered excavation soil and excavation pits
2. Safety of crew around deep excavations
3. Adequate control of contamination spread

Note on costs:

ERRS costs are through 9/11/09 and do not include pending.

START costs are through 9/11/09 and do not include pending.

EPA costs - both direct and indirect - will not be summarized until the Final Removal Report is completed.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$2,060,000.00	\$101,899.00	\$1,958,101.00	95.05%
START	\$100,000.00	\$39,056.85	\$60,943.15	60.94%
Intramural Costs				
Total Site Costs	\$2,160,000.00	\$140,955.85	\$2,019,044.15	93.47%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

response.epa.gov/nwpc

POLREP #3 Last Updated 11/9/2009