



City of Bothell™

October 8, 2010

Jerome Cruz, Ecology Site Manager
Washington State Department of Ecology
Northwest Regional Office Toxic Cleanup Program
3190 160th Avenue SE
Bellevue, Washington 98008-5452

Attention: Jerome Cruz, Ph. D.

Re: Progress Report for period ending September 2010

Site Name: **BOTHELL PAINT & DECORATING**
Site Address: 18004 and 18005 Bothell Way NE, Bothell 98011 and adjacent parcel to the east
Parcel Numbers: 945720-0081 and 945720-0072
Facility/Site No.: 93536765
Agreed Order No.: DE 6296

Date submitted: October 8, 2010
Reporting Period: July 1 - September 30, 2010

Dear Dr. Cruz,

City of Bothell (City or PLP) continues to make progress on work to be performed for the Bothell Paint & Decorating site (Site), under the Agreed Order with Ecology as amended on June 9, 2010. During this period, much of the work was geared towards preparing for the upcoming construction season, during which the implementation of cleanup work is planned as an interim action.

Attached is a progress report which provides an update on the milestones achieved for the period ending September 30, 2010 for the Site. Please contact me if you have any questions.

Sincerely,
Nduta Mbutia

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PROGRESS REPORT
Prepared for
DEPARTMENT OF ECOLOGY

SITE: BOTHELL PAINT & DECORATING

Agreed Order No.: DE 6296
PLP Name: City of Bothell
Facility/Site No.: 93536765
Effective Date: February 3, 2009
Amendment No. 1: June 9, 2010

Reporting Period: **July 1 - September 30, 2010**
Date submitted: October 8, 2010

Prepared by: Nduta Mbutia, Project Engineer
City of Bothell, Public Works Department
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Actions taken by PLP to comply with the Agreed Order (AO)

Upon execution of Amendment No. 1 to the existing AO on June 9, 2010, the scope of work under the AO was expanded to include implementation of an interim cleanup action at the Paint & Decorating site. The scope of the interim cleanup action specifically involves excavation and disposal of petroleum-contaminated soils from the site, followed by backfilling with clean fill material in the remediation areas as identified in the Ecology-approved Interim Action work plan (IAWP).

A construction contract package was developed by the City's design and environmental consultants, depicting the planned remediation area for this site as well as for several adjacent parcels. The construction contract was advertised for bids under the umbrella of the Bothell Crossroads Phase II project, and was awarded to the low bid contractor on July 20, 2010. The scope of work under this contract is comprised of site preparation, soil remediation/cleanup and soil preloading work. This phase is scheduled for completion at the end of the year.

The contractor effectively began work on the construction contract on August 16, 2010 and implemented a construction work plan and schedule with construction activities beginning at the western project limit and progressing eastward. Construction work items for each site were then performed and tracked separately for each individual parcel. The City engaged its environmental consultant to monitor all the cleanup activities, perform confirmation sampling, assist with waste profiling, assist with tracking cleanup and backfill quantities, ensure compliance with the cleanup work plans and contract plans & specifications, and ensure compliance with state and federal regulations throughout the cleanup process.

The cleanup work on this site began on August 31 and was completed on September 13, 2010. An area of approximately 15,600 square feet was excavated to depths ranging from 3 to 11 feet. This resulted in the removal and disposal of 7,100 tons of contaminated soils, followed by the application of 750 lbs of oxygen release compound (ORC) and the installation a visqueen barrier to isolate the clean fill from the inaccessible remediation areas. The inaccessible areas with contaminated soils are mainly beneath the still active highway/SR 522, which will become accessible during the next construction phase.

Summaries of sampling and testing reports and other data received by the PLP

During this reporting period, all the environmental data collection occurred during the actual cleanup activities at the site, specifically, confirmation sampling in compliance with the IAWP. The process was mostly iterative, with samples being collected at various stages of the remediation work.

Initial test pits were dug within and around the planned remediation areas in order to delineate the excavation/s extents both vertically and laterally. Once excavation was underway, several rounds of confirmation sampling were conducted on the excavation floor and on the sidewalls until the final sampling results documented that compliance with the cleanup levels identified in the approved work plans (IAWP) had been attained.

As of the end of this reporting period, data evaluation, analysis and tabulation of all the data collected had began. These data will then be compiled into a cleanup summary report that will be provided to Ecology during a future reporting period.

Deviations from the approved work plans

The original work plan for the site assumed that there would be no contaminated soil removal under the active SR 522 highway. However, the actual excavation exceeded the original estimate due to the results from confirmation sampling on the north side wall, which showed that the soil contamination encroached further north under the highway. Therefore, since the area under the roadway is currently inaccessible, the remnant soils were left in place and will be removed during the next construction phase. ORC and a visqueen barrier were installed to isolate the clean fill from the contaminated soils.

Contacts with outside entities, government agencies or tribal governments

During this reporting period there was contact with Ecology's Site Manager, Jerome Cruz as well as the U.S. Environmental Protection Agency, which is also funding a portion of the cleanup at the site. Contact mainly involved providing progress updates on the cleanup work as well as project site visits. There was no contact with local representatives of the community, public interest groups, the press or tribal governments.

Deviations, problems or anticipated problems in meeting the schedule or work plan objectives

None

Solutions developed, implemented or planned to address problems or delays

None needed

Changes in key personnel

There was one change: project coordinator for the City was changed from Steven Morikawa to Nduta Mbuthia. This became effective in June, upon execution of the amendment to the AO.

Work planned for next reporting period

During the next reporting period, the following activities are anticipated:

- Data analysis, evaluation and tabulation
- EIM data input
- Begin developing a draft cleanup summary report for the site
- Begin developing a contract bid package for the remainder of site cleanup under the road (during Crossroads Ph III)
- Ongoing grant and project administration, management and reporting

Budget Plan

Table Summarizing Grant Eligible Expenses by Task for Period Ending September 30, 2010

Project Task Number	Project Task Name	Original Budget for eligible costs	Current Budget for eligible costs (Revised on 11/17/2009)	Maximum Fund Amount	Fund Reimbursement Amount-to-date
1	Bothell Landing	\$388,000	\$373,000	\$186,500	\$ 84,320
2	Bothell Paint & Decorating	\$306,000	\$291,000	\$145,500	\$ 82,667
3	Bothell Riverside	\$306,000	\$291,000	\$145,500	\$ 96,828
4	Grant & Project Administration	\$ 40,000	\$ 85,000	\$ 42,500	\$ 38,172
		\$1,040,000	\$1,040,000	\$ 520,000	\$ 301,987

Budget Projection

A request for supplemental funds was submitted to Ecology's Grant Manager on September 29, 2010. The additional funds are anticipated to cover the costs for cleanup work completed under the amended AO, one year of groundwater monitoring upon completion of the interim actions as well as for completing the Remedial Investigation/Feasibility study (RI/FS) for the site.

Attachments

Project photos













