



## City of Bothell

April 1, 2011

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Lydia Lindwall  
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Re: Progress Report for period ending March 2011

Site Name: **BOTHELL LANDING**  
Site Address: 18120, 18132, and 18126 Bothell Way NE, Bothell 98011, 10001 Woodinville Dr.,  
Bothell 98011  
Parcel Numbers: 3945720-0015 and 945720-0020  
Facility/Site No.: 73975762  
Agreed Order No.: DE 6294

Date submitted: April 1, 2011  
Reporting Period: January 3 - March 31, 2011

### Summary:

The City of Bothell (City/PLP) continues to make progress on work at the Bothell Landing site (Site), which is under Agreed Order DE 6294 as amended on June 9, 2010. In accordance with the requirements of the Agreed Order schedule of deliverables, the attached progress report has been prepared for the three-month period preceding this submittal to satisfy the terms described in the Agreed Order scope of work.

For this reporting period, much of the work has focused on compiling data and developing a soil cleanup report that documents the summer 2010 interim remedial actions. A contract bid package was also developed to address the remaining soil cleanup work under the existing roadway, which is part of the site. Early planning efforts were also started for the future remedial investigation work that is required as part of the RI/FS. The attached progress report provides an update on the work completed in the period ending March 31, 2011.

Please contact me if you have any questions.

Sincerely,

Nduta Mbuthia

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**PROGRESS REPORT**  
Prepared for  
**DEPARTMENT OF ECOLOGY**

SITE: BOTHELL LANDING

Agreed Order No.: DE 6294  
PLP Name: City of Bothell  
Facility/Site No.: 73975762  
Effective Date: February 3, 2009  
Amendment No. 1: June 9, 2010

Reporting Period: **January 3 - March 31, 2011**  
Date submitted: April 1, 2011

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City of Bothell™

**Table of Contents**

Actions taken by PLP to comply with the Agreed Order .....3  
Summaries of sampling and testing reports and other data received by the PLP .....3  
Deviations from approved work plans .....3  
Contacts with outside entities, government agencies or tribal governments.....3  
Deviations, problems or anticipated problems in meeting the schedule or work plan objectives .....4  
Solutions developed, implemented or planned to address problems or delays .....4  
Changes in key personnel .....4  
Work planned for next reporting period .....4  
Budget Plan.....4  
Budget Projection.....4  
Attachments .....4

## **Actions taken by PLP/City to comply with the Agreed Order (AO)**

Documentation of the soil cleanup work that was conducted in the 2010 construction season was completed during this period. The City's environmental consultant, HWA Geosciences, prepared a cleanup report (Documentation of Interim Action at Bothell Landing Site, February 2, 2011), which was provided to Ecology on February 4, 2011.

City staff and consultant participated in a meeting with Ecology staff at the Bellevue office on February 4, to discuss Bothell projects' status and other pertinent issues. At this meeting, city staff provided a look-ahead schedule of upcoming work, specifically the preparation of a draft RI work plan to be submitted to Ecology in coming weeks. The draft Bothell Landing RI work plan was submitted to Ecology's site manager on March 9 and Ecology provided comments to the work plan on March 17. Ecology and city staff met thereafter in Bothell on March 29, for a work session with the goal of discussing the comments to the work plan and related grant accounting matters.

During this reporting period, city staff was also coordinating early planning efforts with the King County Brownfields Program (program) coordinator, who approached the City with an offer to provide assistance with performing some needed environmental investigations in the downtown area. The program will use a portion of its EPA Brownfields grant fund award to perform this work. The City has coordinated similar work with King County in the past.

City staff and consultant also worked on developing a contract bid package (plans, specifications and estimates) for the remaining portion of interim action soil cleanup to be conducted in late 2011/2012. As discussed in previous progress reports, the interim action cleanup work has spanned two construction seasons due to inaccessibility of contaminated areas located beneath the heavily used highway (State Route 522). These areas will only become accessible once the existing roadway is vacated following the construction of the newly realigned highway. This cleanup work is consistent with the Interim Action Work Plan (IAWP) approved by Ecology in May 2010, and will be administered under the Crossroads Ph III (roadway) contract.

Upon completion of the remaining cleanup work, a comprehensive draft Interim Action Cleanup Report that consolidates all the cleanup information will be provided to Ecology in early 2012. This will satisfy the requirements of Amendment No. 1 to the Agreed Order and the approved Interim Action Work Plan (IAWP) scope of work for this site.

## **Summaries of sampling and testing results and other data received by the PLP**

The summaries of sampling and confirmation testing results were compiled into the "Documentation of Interim Action at Bothell Landing" report that was submitted to Ecology on February 4, 2011. All the environmental data collected during cleanup was uploaded to Ecology's EIM database.

## **Deviations from the approved work plans**

None

## **Contacts with outside entities, government agencies or tribal governments**

During this reporting period there was contact with the U.S. Environmental Protection Agency's (EPA) Site Officer. EPA is also funding a portion of the cleanup at the site. Contact mainly involved providing progress updates on the cleanup work.

There was also contact with the King County Brownfields Program coordinator, Lucy Auster. The program is providing assistance to the City by performing environmental investigations in downtown Bothell, using a portion of EPA Brownfields grant funds awarded to the program.

Other than responses to general citizen inquiries on project-related issues, there was no contact with local representatives of the community, public interest groups, the press or tribal governments regarding Bothell Landing.

**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**

None

**Work planned for next reporting period**

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

- Advertise the Crossroads Ph-III contract package for bids.
- Address Ecology’s comments to the RI work plan and begin implementing the investigative field activities aimed at determining the extent of groundwater impacts from the chlorinated solvent plume (migrating from an offsite source that is located up-gradient of the Landing property).
- Ongoing grant and project administration, management and reporting

**Budget Plan**

Table Summarizing Grant Eligible Expenses by Task for Period Ending March 31, 2011

Project Task Number	Project Task Name	Original Budget (10/6/10)	Current Budget (as amended on 11/3/2010)	Maximum Reimbursable Amount	Reimbursed Amount-to-date
1	Bothell Landing	\$212,000	\$1,800,000	\$900,000	\$203,182
2	Bothell Paint & Decorating	\$520,000	\$1,710,000	\$855,000	\$281,448
3	Bothell Riverside	\$212,000	\$1,230,000	\$615,000	\$136,391
4	Grant & Project Administration	\$ 96,000	\$ 180,000	\$ 90,000	\$ 50,448
		<b>\$1,040,000</b>	<b>\$4,920,000</b>	<b>\$2,460,000</b>	<b>\$671,469</b>

**Budget Projection**

City staff is currently working on a budget revision plan with Ecology’s Grant Manager to fund the work that is planned for the upcoming biennium (11-13). This budget revision will accommodate potential changes to the scope of the Bothell Landing RI/FS work. Ecology’s site manager has proposed to expand the current scope under the existing Bothell Landing Agreed Order to incorporate additional scope that is currently covered under two other Agreed Orders. This expanded scope of work would go towards the completion of the Remedial Investigation/Feasibility study (RI/FS).

**Attachments**

Maps extracted from the Documentation of Interim Action report (HWA, 2011)

- (1) Site location and adjacent properties
- (2) Site plan prior to cleanup
- (3) Extent of Interim Action Soil Cleanup

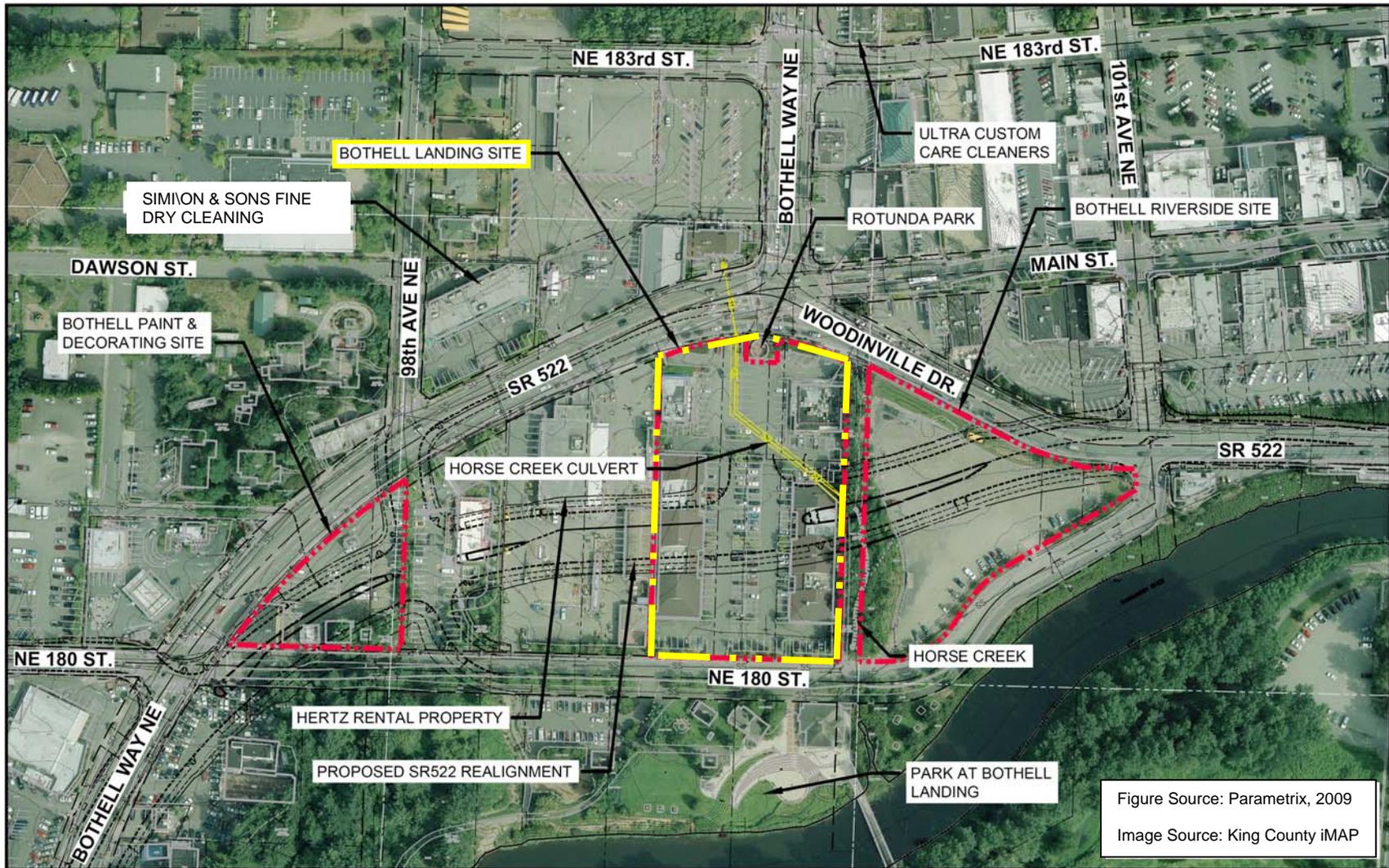
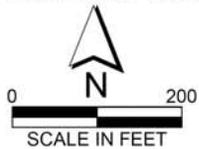


Figure Source: Parametrix, 2009  
Image Source: King County iMAP



**SITE LOCATION & ADJACENT PROPERTIES**

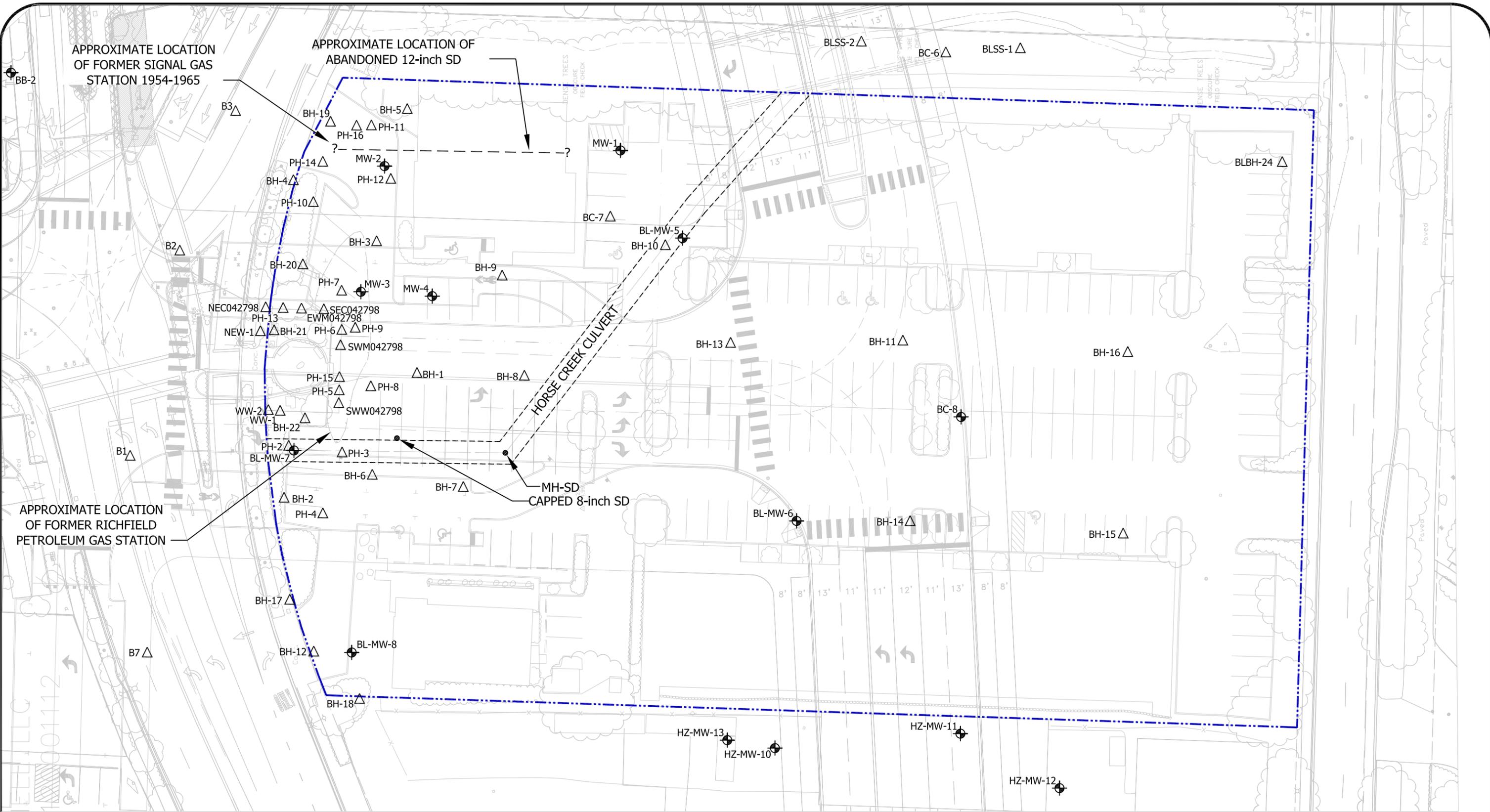
FIGURE NO.

**2**

**BOTHELL LANDING SITE  
INTERIM ACTION SOIL CLEANUP  
BOTHELL, WASHINGTON**

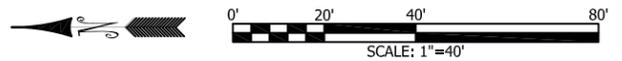
PROJECT NO.

2007-098-920



EXPLANATION OF SYMBOL

- - - APPROXIMATE PROPERTY BOUNDARY
- BH-1 SOIL BORING LOCATIONS
- BL-MW-1 MONITORING WELL LOCATIONS

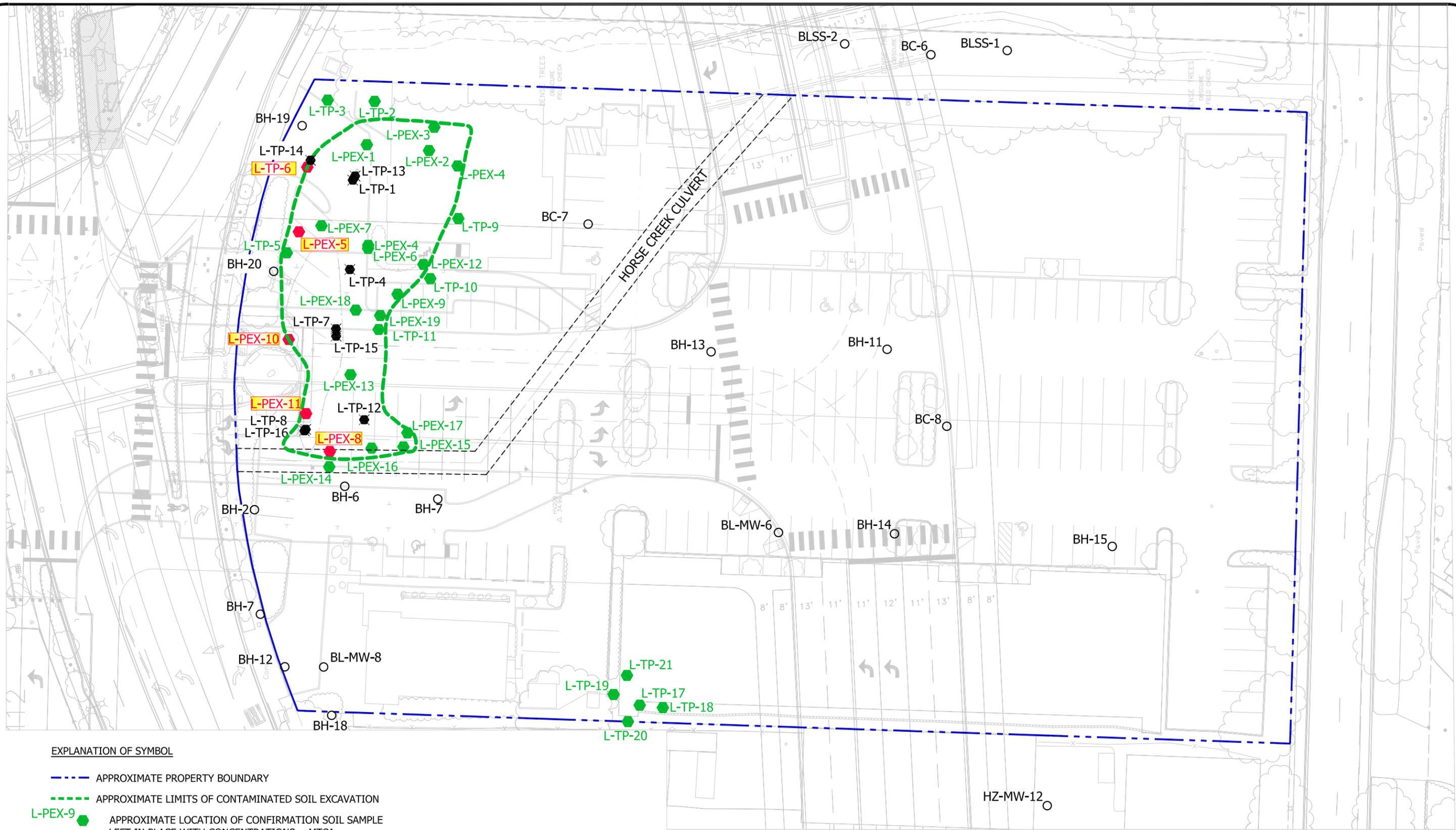


HWA GEOSCIENCES INC.

BOTHELL LANDING SITE  
 INTERIM ACTION CLEANUP  
 BOTHELL, WASHINGTON

SITE PLAN  
 PRIOR TO CLEANUP

DRAWN BY <u>EFK</u>	FIGURE NO. <b>3</b>
CHECK BY <u>NN</u>	PROJECT NO.
DATE 01.18.11	2007-098 T920



**EXPLANATION OF SYMBOL**

- - - - APPROXIMATE PROPERTY BOUNDARY
- - - - APPROXIMATE LIMITS OF CONTAMINATED SOIL EXCAVATION
- L-PEX-9 APPROXIMATE LOCATION OF CONFIRMATION SOIL SAMPLE LEFT IN PLACE WITH CONCENTRATIONS < MTCA
- L-TP-9 APPROXIMATE LOCATION OF CONFIRMATION SOIL SAMPLE LEFT IN PLACE WITH CONCENTRATIONS ≥ MTCA
- L-TP-9 APPROXIMATE LOCATION OF SOIL SAMPLE IN AREA THAT WAS SUBSEQUENTLY EXCAVATED
- L-TP-9 PRE-INTERIM ACTION SOIL SAMPLE MEETING MTCA CLEANUP LEVELS



BASE MAP PROVIDED BY PARAMETRIX



**HWA GEOSCIENCES INC.**

BOTHELL LANDING SITE  
INTERIM ACTION CLEANUP  
BOTHELL, WASHINGTON

EXTENT OF INTERIM  
ACTION SOIL CLEANUP

DRAWN BY <u>EFK</u>	FIGURE NO. <b>4</b>
CHECK BY <u>NN</u>	PROJECT NO.
DATE 11.18.10	2007-098 T920