



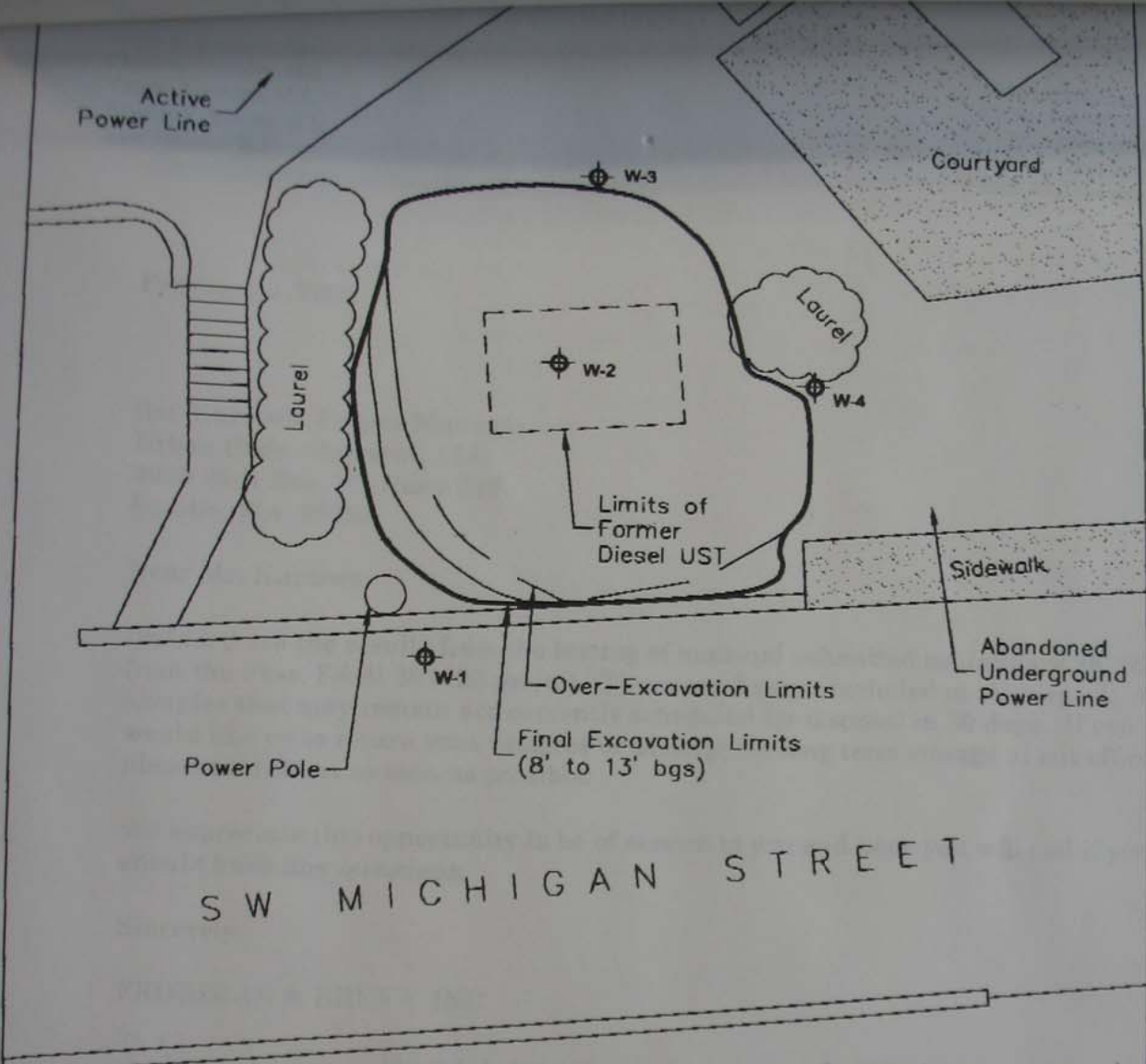
Urban Redevelopment
URBAN REDEVELOPMENT, LLC

ADDENDUM TO:
VCP Site Closure Report

GROUNDWATER COMPLIANCE MONITORING
Former Diesel UST Location
Parcel B at Terminal 115
Seattle, Washington


Prepared by:
Urban Redevelopment, LLC

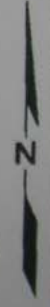
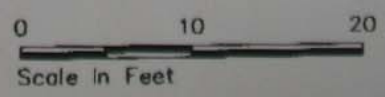
February 10, 2003



SW MICHIGAN STREET

Legend


 W-1 Groundwater Compliance Monitoring Location



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Foss Redevelopment Property
Parcel B at Terminal 115
Seattle, Washington

Figure 1
Groundwater Compliance Monitoring
Locations and Map

Foss Environmental & Infrastructure
 Parcel B at Terminal 115
 Seattle, WA

Confirmation groundwater monitoring was performed on January 28, 2003 at the former diesel UST excavation and cleanup area at the Parcel B at Terminal 115 project site. Details of the former diesel UST removal and cleanup are provided in the VCP Site Closure Report (Closure Report) submitted to Ecology on December 2, 2002. The results of groundwater compliance monitoring presented in this addendum to the Closure Report presents the post-remediation groundwater condition in and around the former diesel UST area. To complete groundwater compliance monitoring, a total of four shallow groundwater samples were collected at the following locations: one sample upgradient of the former diesel UST; two samples downgradient of the former UST; and one sample at the location of the former UST (Figure 1). All groundwater samples, collected using geoprobes, were installed and by ESN Northwest under contract to Urban Redevelopment.

WELL PROBE CONSTRUCTION AND SAMPLING

Groundwater confirmation samples were collected using direct-push geoprobe and sampling techniques. After a 2-inch diameter soil-sampling probe was advanced to a selected depth (generally 8 to 10 feet below ground surface), the probe was removed and replaced with 1-inch diameter PVC slotted casing. New poly tubing was then inserted to the end of the slotted rod and a groundwater sample extracted using a peristaltic pump. As standard practice, one or two gallons of water were purged from the probe before a screening-level groundwater sample was collected. No sand packing or other material was backfilled into the annular space of the sampling rod. In all cases, the sampling points were purged dry. Subsequently, shallow groundwater within the rods were allowed to recover, and then immediately sampled.

Following well purging, shallow groundwater was pumped directly into laboratory-supplied sampling containers, labeled, and stored on ice. The groundwater samples were eventually transported under chain-of-custody to Friedman & Bruya's analytical laboratory in Seattle, Washington.

GROUNDWATER QUALITY ANALYTICAL RESULTS

All groundwater samples were analyzed for TPH quantified as diesel by Ecology Method TPH-Dx. Results of chemical analysis (concentration of diesel in groundwater) for shallow groundwater in geoprobes are summarized in Table 1 attached.

In all cases, analytical results for shallow groundwater sampled from on-site geoprobe locations contained no detectable concentrations of diesel in groundwater above the laboratories detection limit of 250 µg/L (ppb). The results of groundwater compliance monitoring are below Ecology's MTCA Method A groundwater cleanup level of 500 µg/L for diesel.

Based on the information provided in this Addendum and the previously submitted VCP Site Closure Report, it is concluded that independent remedial action at the former diesel UST at Parcel B at Terminal 115 (subject property) in Seattle, Washington is complete, and that no further action is necessary for the project site.

Active Power Line

Courtyard

Laurel

Laurel

Sidewalk

Abandoned Underground Power Line

Power Pole

Over-Excavation Limits
Final Excavation Limits (8' to 13' bgs)

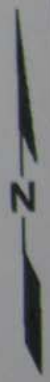
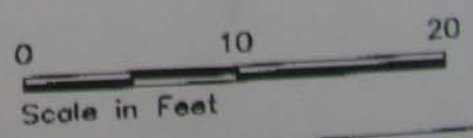
SW MICHIGAN STREET

X = new proposed point

Parking Lot

Legend

- ▲ 3 Confirmation Soil Sample Location and Number
- △ 11 Over-Excavated Soil Sample Location and Number
- B-1 Soil Boring Location and Number (by IVI)



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Foss Redevelopment Property
Parcel B at Terminal 115
Seattle, Washington

Figure 1
As-Built of Former Diesel UST
Remediation Activities



0.070 mg/L

LOSD

3.39 mg/L

LOSD

B-2

7

B-1

12

11

13

B-6

14

15

B-8

B-8

9

GP-5

B-3

GP-4

GP-3

B-10

(0.25 mg/L)

GP-1

(0.50 mg/L)

B-4

B-5

5

B-7

10