CLEANUP ACTION REPORT

The Village at Evergreen

13800 to 14114 SE Mill Plain Boulevard

Vancouver, Washington

For

ROF Evergreen JV, LLC

June 13, 2008

Ecology VCP #: SW0915

GeoDesign Project: BonesConst-7-01

Engineers | Geologists | Environmental Consultants

GEODESIGN INC

June 13, 2008

Washington State Department of Ecology
Southwest Regional Office
P.O. Box 47775
Olympia, Washington 98504-7775

Attention: Mr. Steve Teel, LHG

Cleanup Action Report
The Village at Evergreen
13800 to 14114 SE Mill Plain Boulevard
Vancouver, Washington
Ecology VCP #: SW0915
GeoDesign Project: BonesConst-7-01

On behalf of ROF Evergreen JV, LLC, GeoDesign, Inc. is pleased to submit this Cleanup Action Report for The Village at Evergreen located north of SE Mill Plain Boulevard between SE 136th Avenue and SE Hearthwood Boulevard in Vancouver, Washington (project site). Opus Northwest, LLC initially entered the project site into Ecology's VCP in October 2005, and it was assigned VCP Identification Number SW0714. Numerous investigations were completed under this VCP Identification Number, culminating in a Final Proposed Cleanup Action Plan that was approved by Ecology in an Opinion letter dated September 28, 2006 and supplemental correspondence. Opus Northwest, LLC subsequently sold the property to ROF Evergreen JV, LLC who re-entered the project site into the VCP in November 2007. The VCP identification number for the site is currently SW0915.

This report summarizes the final characterization and remedial activities conducted at the project site between March and May 2008. The data summarized in this report are currently being entered into Ecology's EIM, as required under WAC 173-340-840(5). Once Ecology has completed its review of this report, we respectively request Ecology to provide an Opinion on the completed cleanup actions. A completed "Request for Opinion Form" is enclosed. In our opinion, the data presented in this report warrant an Opinion of "No Further Action" for both soil and groundwater.

♦ ♦ ♦

Please contact us if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.

Craig W. Ware, L.G.
Principal Geologist

cc: Mr. Ron Skov, ROF Evergreen JV, LLC (via email only)
Ms. Michelle Limon, ATC Associates, Inc. (via email only)

KRS:CWW:sms
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1.0 INTRODUCTION

This Cleanup Action Report has been prepared by GeoDesign, Inc. on behalf of ROF Evergreen JV, LLC for The Village at Evergreen located north of SE Mill Plain Boulevard between SE 136th Avenue and SE Hearthwood Boulevard in Vancouver, Washington (project site). The project site consists of approximately 51.5 acres and was formerly occupied by a small private airport. The location of the project site relative to surrounding physical features is shown on Figure 1. The general layout of the project site is shown on Figure 2.

2.0 PHYSICAL SETTING

2.1 SITE DESCRIPTION AND SURROUNDING LAND USE

The project site occupies nine tax lots in the northwest quarter of Section 35, Township 2 North, Range 2 East of the Willamette Meridian. The project site was formerly owned by the Olsen Family Trust and consisted of a small private airport, including a runway and 4 small-airplane hangar buildings (hangar buildings No. 1 through 4) containing 48 private hangar units, a small office building, and 8 privately leased buildings. All of the former facilities, with the exception of the runway, were demolished prior to cleanup activities.

Land use in the vicinity of the project site is primarily commercial and residential. The project site is bound on the north by commercial property (with SE First Street and residential property further north), to the east by commercial property and SE Hearthwood Boulevard (across which is more commercial property), to the south by SE Mill Plain Boulevard (across which is commercial and residential property), and to the west by SE 136th Avenue (across which is commercial property).

2.2 SITE GEOLOGY AND HYDROGEOLOGY

The project site is located in the east-central part of the Portland Basin physiographic province, which is bound by the Tualatin Mountains to the west and south and the Cascade Range to the east and north. The near-surface geologic unit is mapped as Quaternary gravel-size flood deposits. The unit consists of unconsolidated, sandy gravel with cobbles. The deposits contain stratified, fine- to coarse-grained, subrounded to rounded gravel in a coarse, sandy matrix. The unit was deposited by multiple catastrophic glacial floods associated with the late Pleistocene (15,500 to 13,000 years before present) Missoula Floods (Gannet and Caldwell, 1998; Phillips, 1987). The deposits have been formed into broad terraces composed of alluvial fans from stream and river channels entering the basin from the east highlands. The thickness of the gravel-size flood deposits in the vicinity of the project site is approximately 30 to 80 feet (Gannet and Caldwell, 1998).

Underlying the flood deposits is the Pliocene to Pleistocene Age (5 to 1.5 million years before present) Troutdale Gravel Aquifer, which consists of poorly to moderately consolidated, poorly graded, subrounded to rounded sand and gravel. The thickness of the gravel aquifer in the site vicinity is approximately 100 to 150 feet (Gannet and Caldwell, 1998).

Underlying the gravel aquifer is the Pliocene to Pleistocene Age (5 to 1.5 million years before present) Troutdale Formation "lower member," which consists of laminated, silty clay and micaceous sand. Thickness of the fine-grained member in the site vicinity is approximately 700 to 800 feet (Gannett and Caldwell, 1998).

The Troutdale Formation is underlain by the Miocene Age (20 to 10 million years before present) Columbia River Basalt Group, which is a series of basalt flows that originated from southeastern Washington and northeastern Oregon. The Columbia River Basalt Group is considered the geologic basement unit for this report.

Based on our review of well logs for wells completed within Section 35, Township 2 North, Range 2 East of the Willamette Meridian, the depth to groundwater in the area ranges from 64 to 188 feet BGS, with an average static water level of approximately 80 feet for wells completed to depths of approximately 100 feet BGS and 163 feet BGS for wells completed between 163 and 332 feet BGS. Many of the well logs for this section also identified a clay or clay and gravel layer with an average thickness of approximately 30 feet between depths of approximately 74 to 131 feet BGS. Topography suggests that the general directional flow of regional groundwater beneath the vicinity of the project site is to the south-southeast toward the Columbia River.

2.3 SITE SPECIFIC GEOLOGY AND HYDROGEOLOGY

Shallow subsurface soil conditions encountered at the project site during previous investigations and the recent cleanup actions described in this report generally correlate with the "near-surface" conditions described in the "Site Geology and Hydrogeology" section of this report (Section 2.2). Explorations completed during previous investigations included:

- Eighty-one shallow direct-push soil borings up to depths of approximately 20 feet BGS
- Nineteen shallow test pit explorations up to depths of approximately 12.5 feet BGS
- Three deep groundwater monitoring well borings completed using sonic drilling techniques to depths of approximately 178 feet BGS

The shallow subsurface soils at the project site generally consist of 1 to 5 feet of silt, sandy silt, or gravelly silt underlain by silty sand with varying amounts of gravel to the total depths explored. Many of the shallow explorations encountered silty sand with varying amounts of gravel from the surface to the total depths explored. The deep monitoring well borings (MW-1, MW-2, and MW-3) encountered 3 to 5 feet of silt; underlain by sand and/or gravel; underlain by silt and clay between approximately 93 and 125 feet BGS in MW-1, 107 and 147 feet BGS in MW-2, and 88 and 112 feet BGS in MW-3; underlain by sand and or gravel with varying amounts of cobbles to the total depths explored (178 feet BGS).

Unconfined groundwater was encountered in MW-1 at a depth of 168 feet BGS, in MW-2 at 171 feet BGS, and in MW-3 at a depth of 171 feet BGS. Perched groundwater was also encountered in MW-2 at 86 feet BGS on the silt and clay lenses penetrated between 87 and 97 feet just above the thick portion of the silt and clay aquitard. Perched water was not observed during the drilling of monitoring wells MW-1 and MW-3. The inferred unconfined groundwater flow direction beneath the project site based on historical groundwater monitoring data is consistently toward the south-southeast.

3.0 REGULATORY HISTORY

3.1 ORIGINAL DATABASE LISTINGS

The project site was identified on the ASTM supplemental EPA FINDS list, which is an inventory reference list and does not imply a release or recognized environmental condition at the project site. Additionally, two portions of the project site (former Robertson's Paint Shop and the former fueling area listed under Northwest Aircraft Supply, Inc.) are listed on several of Ecology's and EPA's environmental databases, as discussed below.

3.1.1 Former Robertson's Paint Shop

Ecology's CSCSL database includes the former Robertson's Paint Shop due to the suspected presence of VOCs in site soil. The address of the former paint shop was 14114 SE Mill Plain Boulevard. Most of the early documentation on file at Ecology pertaining to environmental issues at the project site focuses on this former business, as described below in Sections 3.1.1.1 through 3.1.1.4 of this report. Robertson's Paint Shop was apparently removed from the CERCLIS database based on the results of a preliminary site assessment completed in 1988.

3.1.1.1 Southwest Washington Health District Letter (March 14, 1984)

The Southwest Washington Health District sent a letter to Mr. Max Robertson of Robertson's Paint Shop on March 14, 1984 confirming Mr. Robertson's intent to repair the first of two settlement cells along the floor through which waste runoff collects prior to discharging to the underground tank. The settlement cells referred to in the letter were associated with a gutter system, all of which were located along the northern perimeter of the paint shop floor, and discharged waste runoff to an underground sump located in the northeast corner of the paint shop. The letter mentions that the chemicals used by Mr. Roberson contain highly toxic substances, including "polychlorinated hydrocarbons." The letter also requested that all waste be contained and removed by an approved method on a routine basis.

3.1.1.2 Ecology Inspection (April 1986)

On April 23, 1986, Ecology conducted an inspection of Robertson's Paint Shop during which it was determined that methylene chloride, along with other chemicals, was used at the facility. According to the Inspection Report, an approximate 1,500-gallon underground holding tank (approximately 8 feet in diameter and 8 feet high) was present in the northeast corner of the facility. During the time of the inspection, approximately 200 gallons of waste water was present in the tank. It was not determined during Ecology's interview with Mr. Robertson whether the tank had been previously emptied.

During the supplemental characterization activities completed in 2006, an approximate 8-foot-deep concrete sump was discovered in the northeast corner of Robertson's Paint Shop. It is likely that the underground tank described in the Inspection Report is the sump discovered in 2006.

3.1.1.3 Preliminary Assessment Report (April 1988)

On April 27, 1988, Ecology and Environment, Inc. submitted a Preliminary Assessment Report to EPA for Robertson's Paint Shop to identify potential public health and/or environmental hazards related to the site and evaluate if additional investigation is required. The Preliminary Assessment Report did not recommend any further remedial action under CERCLA/SARA.

3.1.1.4 Hazard Ranking of Robertson's Paint Shop (June 1988)

In June 1988, Ecology and Environment, Inc performed a Hazard Ranking of Robertson's Paint Shop. Ecology and Environment, Inc. calculated an HRS to assess the relative potential for the site to pose a threat to human health or the environment and possible inclusion on the National Priorities List. Based on the HRS, no further remedial action under CERCLA/SARA was recommended at Robertson's Paint Shop.

3.1.2 Ecology's UST Database Listing - Fueling Area

Ecology's UST database includes former NW Aircraft Supply, Inc., formerly located at 13910 SE Mill Plain Boulevard. According to Ecology's records, a UST between 5,000 and 9,999 gallons in size containing aviation fuel was reportedly installed on the property in 1995. Our research also indicated that two unleaded gasoline USTs were installed at the site in 1972 and 1978, but were later decommissioned by removal. Evidence of this former UST pit was identified during a geophysical survey completed during the Phase II investigation.

The aviation fuel UST included in Ecology's database was decommissioned by removal as described in Section 6.8.1 of this report. Additionally, during recent remedial excavation activities completed at this area (identified as Cleanup Action Area 3), evidence of the former UST pit associated with the two unleaded gasoline USTs (fill material used to backfill the tank cavity) was observed. As described in Section 6.8.1.1 of this report, it is likely that these two former USTs were the source of the petroleum-contaminated soil observed at Cleanup Action Area 3.

3.2 RECENT REGULATORY HISTORY

Opus Northwest, LLC initially entered the project site into Ecology's VCP in October 2005, and the project site was assigned VCP Identification Number SW0714. Ecology subsequently reviewed the Phase I and Phase II ESA reports (GeoDesign, 2005a and 2005b, respectively), and the initial Proposed Cleanup Action Plan (GeoDesign, 2005c). In January 2006, Ecology formally issued an Opinion Letter requesting that additional characterization be performed in order to meet the substantive requirements contained in MTCA and its implementing regulations. Ecology subsequently reviewed a Supplemental Characterization Work Plan (GeoDesign, 2006) that presented a supplemental scope of work to further characterize soil conditions in select areas of the project site to adequately address Ecology's concerns prior to the planned remedial actions. Ecology provided comments to the Supplemental Characterization Work Plan, by a letter dated April 5, 2006. URS Corporation (URS) subsequently implemented the scope of work presented in the Supplemental Characterization Work Plan and summarized the results in a report (URS, 2006a). The supplemental report, combined with a Groundwater Sampling Report that summarized the July 2005 and February 2006 groundwater monitoring and sampling events (URS, 2006b) addressed each of Ecology's comments and concerns in their January 2006 Opinion Letter.

Ecology reviewed the reports and in July 2006 requested a third round of groundwater sampling from the existing monitoring well network to include analysis for the full suite of constituents that had been analyzed in previous sampling events. URS conducted a subsequent groundwater monitoring and sampling event in August 2006 and presented the results in a Groundwater Monitoring and Sampling Report (URS, 2006c).

In September 2006, URS submitted a Final Proposed Cleanup Action Plan (URS, 2006d) that presented the proposed cleanup action plan for the project site. The Final Proposed Cleanup Action Plan was approved by Ecology in an Opinion letter dated September 28, 2006 and supplemental correspondence. In a September 28, 2006 letter, Ecology requested that one additional groundwater sampling event be performed at one site well (MW-2) between October and December 2006. URS conducted the groundwater monitoring and sampling event on MW-2 in November 2006 and presented the results in a Groundwater Monitoring and Sampling Report (URS, 2006e).

Opus Northwest, LLC subsequently sold the property to ROF Evergreen JV, LLC who re-entered the project site into the VCP in November 2007. The VCP identification number for the site is currently SW0915. GeoDesign subsequently conducted supplemental characterization activities at the project site in November 2007 prior to implementing the planned cleanup actions established in the Ecology-approved Proposed Final Cleanup Action Plan. The results of the November 2007 supplemental characterization activities are presented in a Supplemental Characterization Report (GeoDesign, 2008a).

Ecology reviewed the Supplemental Characterization Report (GeoDesign, 2008a) and formally issued an Opinion Letter, dated June 3, 2008, outlining analytical requirements for confirmation soil samples collected from the limits of remedial excavations in Cleanup Action Area 2 and Cleanup Action Area 6, groundwater monitoring and sampling from existing groundwater monitoring wells, as well as a recommendation to collect a groundwater sample from a domestic well apparently located down gradient of Robertson's Paint Shop at 13919 SE Mill Plain Boulevard in Vancouver, Washington.

GeoDesign reviewed the Opinion Letter and responded by electronic mail on June 3, 2008. In the response, we acknowledged that confirmation soil samples were analyzed for the constituents listed in the letter, except for chlorinated herbicides. Chlorinated herbicides were not detected in the previous characterization samples (GeoDesign, 2008b) and consequently, confirmation soil samples were not submitted for analysis of chlorinated herbicides. The response also noted several concerns regarding sampling the domestic groundwater well, including 1) the well is damaged and apparently filled with soil, 2) it is unknown whether or not groundwater quality has been compromised, and 3) the current property owner should repair the well and bring it into compliance with current regulations prior to sampling and then subsequently abandon the well. GeoDesign is currently researching the location of the well and will have further discussions with Ecology regarding potentially sampling the well. As indicated to Ecology, it is our opinion that the results of several groundwater sampling events from on-site wells coupled with the results of the confirmation soil sample results (which indicate that site impacts have been limited to the upper 16.5 feet of property soil) support the conclusion that groundwater has not been impacted. The recently completed groundwater monitoring and sampling activities are discussed in Section 6.16 of this report.

3.2.1 Summary of Previous Investigations and Reports

As described in Section 3.2 of this report, several phases of investigation. In general, the investigations at the project site detected gasoline-, diesel- and heavy oil-range hydrocarbons and select metals (cadmium, chromium, and lead) in soil at concentrations exceeding MTCA Method A cleanup levels for unrestricted land use. Select VOCs, SVOCs, PAHs, and other metals were also detected in site soil, but at concentrations less than established MTCA Method A cleanup levels.

The results of the historical groundwater monitoring and sampling events indicate that regional groundwater beneath the project site is not impacted by site-related chemicals, including metals. Although certain total metals from representative groundwater samples were detected above laboratory MRLs, the concentrations do not exceed corresponding MTCA Method A cleanup levels, and the concentrations are consistent with naturally occurring regional groundwater background concentrations. Further, petroleum hydrocarbons, VOCs, PAHs and PCBs were not detected above laboratory MRLs in the grab groundwater sample collected from the perched zone during drilling of monitoring well MW-2.

The results of the previous investigations are summarized in the following reports, all of which have been provided to Ecology:

- Phase II Environmental Site Assessment, GeoDesign, November 2005
- Proposed Cleanup Action Work Plan, GeoDesign, December 2005
- Supplemental Characterization Report, URS, July 2006
- Groundwater Sampling Report, First Quarter 2006, URS, July 2006
- Groundwater Monitoring and Sampling Report, Third Quarter 2006, URS, August 2006
- Final Proposed Cleanup Action Plan, URS, September 2006
- Groundwater Monitoring and Sampling Report, Fourth Quarter 2006, URS, December 2006
- Supplemental Characterization, GeoDesign, March 2008

3.2.2 Cleanup Action Areas

A total of 10 cleanup action areas have been identified at the project site as a result of prior investigations and as identified during current remedial actions as described below.

After completion of the Phase II ESA in 2005, the following three cleanup action areas were identified in the initial Proposed Cleanup Action Plan:

- Cleanup Action Areas 1A, 1B, 1C, and 1D – Hangar buildings where isolated petroleum- and metals-impacted surface soil was identified.
- Cleanup Action Area 2 – Northeast corner of Robertson's Paint Shop where petroleum- and metals-impacted subsurface soil was identified.
- Cleanup Action Area 3 – Fueling Area where petroleum-impacted subsurface soil was identified.

After completion of the April and May 2006 supplemental characterization activities, the following two additional Cleanup Action Areas were identified and incorporated into the Ecology-approved Final Proposed Cleanup Action Plan:

- Cleanup Action Area 4 – Evergreen Flight Service where isolated metals-impacted surface soil was identified along the south side of the former paint booth.
- Cleanup Action Area 5 – Vancouver Chainsaw and Service where isolated petroleum-impacted surface soil was identified at the location of the formerly stored waste oil drums.

Additionally, as requested in Ecology's January 10, 2006 Opinion Letter, the Final Proposed Cleanup Action Plan included collecting confirmation soil samples at the following locations:

- Beneath the cistern, wastewater settlement cells and gutter system, catch basin and two heating oil ASTs near Robertson's Paint Shop when these features are removed. These areas were incorporated into Cleanup Action Area 2.
- Beneath the three ASTs near the Evergreen Flight Service building when they are removed. These AST areas are included in Cleanup Action Area 8.

The presence or suspected presence of several septic tanks and dry wells were identified during the 2008 supplemental characterization activities. Five septic tanks were positively identified and located at the project site and the potential presence of a sixth septic tank was suspected beneath the Aurora Avionics and Lights building. Six dry wells that were connected to the septic tanks were positively identified and located (one at Cleanup Action Area 2, two at Cleanup Action Area 3, two at Cleanup Action Area 4, and one at Cleanup Action Area 5), and two dry wells were suspected to be present at the Aurora Avionics and Lights building and at the Northwest Antique Aircraft Club building.

Since elevated hydrocarbons and metals were detected within the sediment in select dry wells during the 2008 supplemental characterization activities and in an effort to be consistent with Ecology's sampling criteria in their September 28, 2006 Opinion Letter, collection of confirmation soil samples from the sediment within each dry well, beneath each dry well after their removal, and beneath any piping associated with the septic systems were added to the Final Proposed Cleanup Action Plan.

After completion of the 2008 supplemental characterization activities, the following additional Cleanup Action Area was developed and added to the Ecology-approved Final Proposed Cleanup Action Plan:

- Cleanup Action Area 6 – Willamette Soaring Club where PAH-impacted subsurface soil was identified at the location of a former distribution box associated with the septic system.

During implementation of the planned cleanup actions at the project site, the conditions encountered were either incorporated into existing cleanup action areas or were developed into individual cleanup action areas. The following four additional Cleanup Action Areas were developed and addressed:

- Cleanup Action Area 7 – A drainage feature encountered just north of Hangar Building No. 2.

- Cleanup Action Area 8 – spilled paint formerly contained in a 55-gallon drum that was hidden within blackberry bushes east of Evergreen Flight Service building.
- Cleanup Action Area 9 – A dry well associated with the Aurora Avionics and Lights building.
- Cleanup Action Area 10 – A dry well associated with the Northwest Antique Aircraft Club building.

The locations of each Cleanup Action Area relative to the site layout are shown on Figure 2.

4.0 SITE REDEVELOPMENT PLANS

The design for the new construction at the project site has not been finalized; however, current design drawings call for mixed land use with commercial development and associated parking areas along the southern two-thirds of the property and residential development (single-family residences) along the northern one-third portion of the property.

5.0 REMEDIAL STRATEGY, OBJECTIVES, AND SCOPE OF WORK

5.1 REMEDIAL STRATEGY

The remedial strategy implemented at the project site (complete removal of impacted soil using excavation methods, with disposal off site) was selected based on the criteria defined in WAC 173-340-360, which include the nature and extent of contamination at the project site, the protectiveness of the implemented remedies, and the disadvantages of other alternatives considered. The remedial strategy implemented at the project site also fulfills the primary goal of the cleanup action, which is the elimination of unacceptable risk to human and ecological receptors.

5.2 REMEDIAL OBJECTIVES

The primary remedial objective for the project site is to collect and present adequate data so that Ecology has the information necessary to issue an Opinion of NFA upon submittal of this report.

5.3 SCOPE OF WORK

In order to meet the above objective, a scope of work was developed and completed to consist of two major cleanup action work tasks: pre-remedial excavation and remedial excavation work tasks. The specific scopes of work associated with each work task are summarized below.

5.3.1 Pre-Remedial Excavation Work Tasks

- Complete pre-demolition hazardous building materials abatement activities.
- Complete demolition activities of all existing structures (except the asphalt runway).
- Decommission by removal two remaining ASTs (three were previously removed prior to initiating cleanup actions).
- Decommission by removal one UST, dispenser, and associated underground piping
- Pump contents from a total of six septic tanks per WAC 173-218-050 prior to decommissioning.
- Decommission six septic tanks per WAC 173-218-050.
- Decommission by removal eight dry wells and underground piping associated with the septic systems.

5.3.2 Remedial Excavation Work Tasks

- Identify and segregate clean soil from contaminated soil using visual, sheen, and headspace vapor screening techniques.
- Remove and temporarily stockpile between 3,000 and 4,000 cubic yards of excess clean soil.
- Remove and transport approximately 1,340 tons of contaminated soil off-site to Hillsboro Landfill for disposal.
- Obtain more than 240 confirmation soil samples from initial and final limits of the remedial excavations and submit the soil samples to an analytical laboratory for chemical analysis.
- Obtain a total of 26 confirmation soil samples from temporarily stockpiled soil and submit the soil samples to an analytical laboratory for chemical analysis.
- Backfill remedial excavations with clean stockpiled soil and recycled concrete material from demolition activities and observe compaction.
- Obtain an additional round of groundwater samples from the existing monitoring well network and submit them to an analytical laboratory for chemical analysis.

6.0 CLEANUP ACTION WORK TASKS

6.1 OVERVIEW

The cleanup action work tasks presented in the scope of work were completed between March 15 and June 4, 2008. GeoDesign staff were present on a full-time basis during the cleanup action work tasks to observe and document field activities and conduct field screening on soil samples collected during the cleanup activities. Field screening was conducted to assist segregating the excess clean soil from impacted soil. A description of our field procedures is presented in Appendix A.

Prior to demolishing the on-site structures, Lake Oswego Insulation Company, Inc., a Washington State Certified hazardous materials abatement contractor, completed containing and removing all hazardous building materials from the Northwest Antique Aircraft Club, Vancouver Chainsaw and Sales, Evergreen Airfield Office, an apartment at Evergreen Flight Service, and Robertson's Paint Shop between March 18 and 31, 2008. Post-Abatement records are included in Appendix B.

After removal of the hazardous building materials, Elder Demolition of Portland, Oregon dismantled all of the aboveground structures, demolished the concrete floor slabs, and removed the remaining ASTs from the project site in March and April 2008. Recycling receipts are included in Appendix C.

Belfor Environmental, Inc. of Portland, Oregon, a Washington State licensed UST service provider, decommissioned by removal one 8,000-gallon aviation fuel UST located in Cleanup Action Area 3 on March 27, 2008. The disposal receipts are included in Appendix D.

The nonresidential septic systems identified at the project site are exempt from the UIC program under amended WAC 173-218-050. The contents of all encountered septic tanks were pumped (removed) by Ted-Dee Bear Septic Service prior to being decommissioned. Disposal receipts are included in Appendix E.. Bones Construction of Aloha, Oregon, subsequently decommissioned all encountered septic tanks by demolishing the concrete lids and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or imported pea gravel.

Bones Construction also decommissioned all encountered dry wells at the project site, some of which were connected to septic tanks, by completely removing each dry well feature. The dry well features (constructed of concrete) were disposed at Hillsboro Landfill. The disposal receipts are included in Appendix F.

All remedial excavation activities were completed by Bones Construction. A total of approximately 1,340 tons of soil was removed from the project site. All of the impacted soil was transported off site to Hillsboro Landfill for disposal under two separate permit numbers. A total of approximately 1,140 tons of soil generated from Cleanup Action Areas 1A through 1D, portions of Cleanup Action Area 2, Cleanup Action Areas 3 through 7, and Cleanup Action Areas 9 and 10 were disposed at Hillsboro Landfill under Permit Number 100901WA. A total of approximately 200 tons of soil generated from the vicinity of the underground sump, wastewater settlement cells and gutter, and previously unknown drainage feature encountered at Cleanup Action Area 2 and from Cleanup Action Area 8 (identified as F002-listed waste) was disposed as non-dangerous waste through Ecology's Contained-In Policy at Hillsboro Landfill under Permit Number 101050WA. Copies of each permit are presented in Appendix G.

In general, soil excavated during the cleanup actions at each of the Cleanup Action Areas was temporarily stockpiled and sampled prior to transporting the soil to Hillsboro Landfill or reusing the soil as backfill material. The samples collected from the stockpiles were analyzed for the same analytical parameters as the confirmation soil samples collected from the limits of the excavation which generated the stockpiled soil. Soil samples were collected from the stockpiles according to the following frequency:

Bulk Cubic Yards of Soil	Minimum Number of Samples
0-30	1
31-100	3
101-500	5
501-1,000	7
1,001-2,000	10
>2,000	10 + 1 for each additional 500 cubic yards

If contaminants were detected in the stockpiled soil, even at concentrations less than MTCA Method A cleanup levels or Method B protective values, it was not reused on site as backfill material and was consequently transported off site to Hillsboro Landfill for disposal. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

All trucks leaving the project site were free of lose soil on the exterior of the trucks. The soil was transported in accordance with applicable WSDOT regulations. As stipulated in the Contained-In determinations from Ecology (Ecology, 2008), the listed waste that was transported to Hillsboro Landfill as non-dangerous waste was covered during transport to the landfill; disposed directly into a landfill cell; and not used as daily, intermediate, or final cover. Tonnage reports from Hillsboro Landfill, summarizing the weight of each truckload transported to their facility, are presented in Appendix B.

6.2 SAMPLE DESIGNATIONS

Each soil sample collected (from either the limits of the remedial excavations, from decommissioned septic systems, or from temporarily stockpiled material generated during decommissioning activities or remedial excavations), was given a unique sample designation. In general, the following sample designations were used:

- Samples collected from Cleanup Action Areas 1A through 1D have the prefix of the hangar building number it was collected from assigned to their designation, followed by the individual hangar unit number, as well as the depth below the ground surface.
- Samples collected from the limits of remedial excavations have the prefix of the specific Cleanup Action Area it was collected from assigned to their designation (with the exception of those confirmation soil samples collected from Cleanup Action Areas 1A through 1D), as well as the depth below the ground surface.
- Samples collected from dry well excavations have the prefix "drywell" assigned to their designation, as well as the depth BGS, while samples collected from the sediment within each dry well have the prefix "drywellseds" assigned to their designation.
- Samples collected beneath each AST have the prefix "AST" assigned to their designation, as well as the depth BGS.
- Samples collected beneath piping have the prefix "piping" assigned to their designation, as well as the depth BGS.
- Samples collected from the stockpiled material have the prefix "stockpile" assigned to their designation.
- Samples collected from the limits of overexcavated soil generally have "ox" assigned to their designation.

Additionally, samples were also collected from unique features identified at the project site, such as a french drain and associated drain line, and one bottomless septic tank. These samples were identified with the prefix "french drain," "drain line" and "septic" assigned to their designation.

In all cases, the depths below original ground surface at which the soil samples were collected (except those collected from stockpiled soil) are presented in Tables 2 through 49.

6.3 ANALYTICAL PROGRAM

Each sample submitted for chemical analysis was immediately placed in laboratory-supplied containers (unpreserved glass containers with Teflon-lined lids, unpreserved glass containers, glass containers preserved with hydrochloric acid, unpreserved VOA vials and VOA vials preserved with methanol and/or sodium bisulfate). The jars and glass containers were filled completely to lessen headspace in the containers. The field staff wore new disposable gloves during sample collection procedures. The samples were immediately placed in a cooler with ice and kept cool during transport to the analytical laboratory. Chain-of-custody procedures were followed during handling and transport of the samples. All soil and groundwater samples collected from the project site were submitted to Apex Laboratories of Tigard, Oregon (who subcontracted select analysis to either SPL Laboratories of Houston, Texas or Environmental Science Corporation of Mt. Juliet, Tennessee) for one or more of the following chemical analysis:

- Hydrocarbon identification by Northwest Method NW-HCID
- Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx
- Diesel- and heavy oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx
- VOCs by EPA Method 5035/8260B
- SVOCs by EPA Methods 8270C
- PAHs by EPA Method 8270M-SIM
- Total and dissolved metals (including arsenic, cadmium, chromium, lead, zinc, copper, and tin) by EPA Method 6020 (ICPMS)
- Total and dissolved mercury by EPA Method 7471A
- Hexavalent chromium by EPA Method 7196A
- Leachable cadmium by EPA Method 1312, SPLP
- Pesticides by EPA Method 8081A
- PCBs by EPA Method 8082

The analytical program implemented for the soil samples collected at each cleanup action area and the groundwater samples collected from the existing monitoring well network is presented in Table 1. Table 1 summarizes the number and location of soil confirmation soil samples and the methodology for each analysis. The information presented in Table 1 is based on the Ecology-approved Sampling and Analysis Plan for the Proposed Cleanup Action (URS, 2006a, Table 7) and has been modified to include Cleanup Action Areas 6 through 10 and a recent groundwater sampling event. The number of samples has been modified to reflect the actual number of confirmation soil samples collected from final excavation limits and additional analysis has been added due to recent characterization results related to a former drainage feature that was encountered at Cleanup Action Area 2 and spilled paint at Cleanup Action Area 8.

Laboratory analytical data that were collected during this investigation were reviewed to determine data quality and the findings of the data review are provided in Appendix H. The data review included verification that chain-of-custody protocols were followed, adherence by the laboratory to its QA program, and independent evaluation by GeoDesign of any data quality exception noted by the laboratory. Laboratory reports and chain-of-custody records are provided on the CD included in Appendix H. Based on our data quality review of the laboratory reports, the analytical data are of acceptable quality for their intended use.

6.4 FIELD SCREENING

A qualified field representative field screened soils during the cleanup action tasks using visual observations, PID measurements of soil headspace samples, and water sheen testing. If soil exhibited obvious indications of contamination (including staining, and/or odor), direct loading and transport to Hillsboro Landfill without field screening was implemented. In all other cases, the soil was temporarily stockpiled and characterized as described in Section 7.1. If visual observations, PID measurements, sheen results, or laboratory data indicated the presence of contaminated soil at the excavation limits, additional soil was removed by over-excavation until no field screening evidence of contamination was observed. Once the final extent of excavation had been reached based on lack of field screening evidence, confirmation soil samples were collected at each cleanup action area. The final extent of any necessary over-excavation was determined based on the analytical results of subsequent confirmation sampling.

6.5 REGULATORY CRITERIA

All soil and groundwater analytical results were compared to the established MTCA Method A cleanup levels for unrestricted land uses and are presented in Tables 2 through 49. MTCA Method A cleanup levels represent values that Ecology has determined to be protective of human health and the environment. For those compounds that do not have established MTCA Method A cleanup levels, the results were compared to the established MTCA Method B protective values, considered protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the MTCA cleanup regulation. They are not considered cleanup levels and are provided in the attached tables for comparison purposes only. The MTCA Method A cleanup levels and Method B protective values are sometimes referred to as screening levels or screening criteria in this report.

In most cases, the laboratory MRLs were less than corresponding screening levels (either MTCA Method A cleanup levels or Method B protective values). For those limited cases where the MRLs exceeded a corresponding screening level, the laboratory provided the MDLs. The MDLs are considered the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. The MDLs are noted where used in the summary tables and are less than the applicable screening criteria.

All soil samples submitted for analysis of total chromium were compared to the most stringent MTCA Method A cleanup level for chromium of 19 mg/Kg (the cleanup level for hexavalent chromium). All samples that exhibited a concentration of total chromium greater than 19 mg/Kg were subsequently analyzed for hexavalent chromium. Any detected hexavalent chromium was compared to the MTCA Method A cleanup level for hexavent chromium of 19 mg/Kg, while the total chromium result was compared to the MTCA Method A cleanup level for trivalent chromium (2,000 mg/Kg).

6.6 CLEANUP ACTION AREAS 1A, 1B, 1C, 1D - FORMER HANGAR BUILDINGS

Cleanup Action Areas 1A through 1D are shown on Figures 2 through 6. These areas included isolated surface stained areas within individual hanger units in Hangar Buildings Nos. 1 through 4. Chemical analytical results are summarized in Table 2.

6.6.1 Non-Excavation Activities

6.6.1.1 Demolition

Elder Demolition completed dismantling Hangar Buildings No. 1 through No. 4 between March 17 and March 28, 2008. During the dismantling process, select materials were salvaged and recycled. Concrete floor slabs present within some individual hangar units were demolished during the week of March 24, 2008. The concrete was recycled by crushing it on-site and re-using it as backfill material or to construct haul roads.

6.6.2 Excavation Activities

6.6.2.1 General

A total of 21 individual hangar units were identified in the Final Cleanup Action Plan (URS, 2006) as having petroleum- and metals-impacted surface soil, based on previous investigative results. Each of these hangar units were visited prior to demolition, and each stained area was located with a Trimble GeoXT professional submeter accuracy GPS receiver. After demolition, one additional stained area was identified at the former location of hangar unit No. 34 in Hangar Building No. 4. After demolition of the hangar buildings was complete, the petroleum- and metals-impacted soil at each location was removed by excavation and temporarily stockpiled on site before being transported to Hillsboro Landfill, as described in the field procedures outlined in Appendix A.

In general, the vertical depth of impacted soil identified in the hanger units was limited to the upper 1 foot of soil. However, impacted soil at one isolated area of Cleanup Action Area 1A, one isolated area of Cleanup Action Area 1B and four isolated areas of Cleanup Action Area 1D required overexcavation to depths up to 2 feet BGS. Confirmation soil samples were collected from the sidewalls (if greater than 1 foot in depth) and base of the final excavation limits and analyzed for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Sample collection was conducted in accordance with the soil sampling procedures outlined in Appendix A. The final limits of the remedial excavations and confirmation soil sample locations for Cleanup Action Areas 1A through 1D are shown on Figures 3 through 6.

6.6.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis ranged from 0.0 to 3.6 ppm. Visual or sheen evidence of contamination was not observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 2.

6.6.2.3 Analytical Results

Diesel- and Heavy Oil-Range Hydrocarbons

Diesel-range hydrocarbons were quantitatively detected in soil samples H2-18(0.5-1.0), H4-37(0.5-1.0), Dup-2 (a duplicate sample collected at the location of H4-37[0.5-1.0]), H4-36 (0.5-1.0), H4-41 (0.5-1.0), and H4-34 (0.5-1.0) at concentrations less than the corresponding MTCA Method A cleanup level of 2,000 mg/Kg. Nonetheless, soil represented by these samples was removed during overexcavation activities and ultimately transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Petroleum hydrocarbons were not detected in any of the remaining samples collected from Cleanup Action Areas 1A through 1D. Analytical results are summarized in Table 2.

Cadmium, Chromium, and Lead

Cadmium was detected in soil sample H4-37(0.5-1.0) at a concentration less than the corresponding MTCA Method A cleanup level of 2.0 mg/Kg. Total chromium was detected in several soil samples at concentrations ranging from 2.44 to 22.3 mg/Kg. Hexavalent chromium was not detected in any of the samples submitted for analysis. Therefore, the detected concentrations of total chromium were compared to the corresponding MTCA Method A cleanup level for trivalent chromium of 2,000 mg/Kg. None of the detected concentrations of chromium exceeded the MTCA Method A cleanup level for trivalent chromium. Lead was detected in several soil samples at concentrations ranging from 1.46 to 94.0 mg/Kg. None of the detected concentrations of lead exceed the corresponding MTCA Method A cleanup level of 250 mg/Kg. Analytical results are summarized in Table 2.

6.6.2.4 Backfill Activities

Each of the remedial excavations in Cleanup Action Areas 1A through 1D were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.7 CLEANUP ACTION AREA 2 - FORMER ROBERTSON'S PAINT SHOP

Cleanup Action Area 2 is shown on Figures 2, 7, and 8. This area included:

- One underground sump at the northeast corner of Robertson's Paint Shop
- The settlement cells and gutter system along the northern perimeter of the floor
- Two ASTs
- One cistern
- One dry well

Additionally, this area included a previously unknown drainage feature encountered adjacent to the underground sump beneath the concrete floor slab. The drainage feature consisted of a total of 14 empty 55-gallon drums that had holes cut in them prior to burial. The drums were stacked on their sides, three rows high (Figure 8). One of the 14 empty drums removed appeared "smashed" in between the stacked drums. It is possible this drainage feature was constructed and connected to the settlement cell and gutter system prior to installation of the underground sump.

The catch basin located southeast of Robertson's Paint Shop was located directly over an isolated dry well (identified as dry well-6). This dry well was not connected to a septic system and appeared to be designed to collect surface water runoff at this area of the project site. The dry well was constructed of two 6-foot perforated concrete collars measuring approximately 4.5 feet in diameter. The total depth of this dry well was approximately 15 feet.

6.7.1 Non-Excavation Activities

6.7.1.1 Pre-demolition Abatement

Lake Oswego Insulation Company, Inc. completed containing and removing all hazardous building materials from Robertson's Paint Shop between March 21 and 25, 2008. Hazardous building materials included ACMs, mercury-containing lamps, and PCB ballasts. The ACMs were transported to Hillsboro Landfill for disposal, and the mercury containing lamps and PCB ballasts were transported to Earth Protection Services, Inc. for recycling. Disposal receipts and certificates of recycling are presented in Appendix B.

6.7.1.2 Demolition
Elder Demolition completed dismantling Robertson's Paint Shop between March 31 and April 4, 2008. During the dismantling process, select materials were salvaged and recycled. The concrete floor slab within the building was demolished during the week of April 4, 2008. The concrete rubble from the floor demolition was recycled by crushing it on site and reusing it as backfill material or to construct haul roads. The gutter and settlement cells located along the northern perimeter of the floor were also removed by Elder Demolition during the week of April 4, 2008. The concrete rubble generated during demolition of the gutter and settlement cells was transported to Hillsboro Landfill for disposal.

6.7.1.3 AST Removal
Elder Demolition removed one remaining 275-gallon AST (identified as AST-2) located west of Robertson's Paint Shop during the week of March 31, 2008. This AST was empty and was transported with other scrap metal to Quantum Resource Recovery Inc., of Beaverton, Oregon for recycling. A copy of the recycling receipt is presented in Appendix C. The other AST (identified as AST-1) formerly located southeast of Robertson's Paint Shop was removed prior to beginning demolition/remedial work.

6.7.1.4 Dry Well Decommissioning
Bones Construction decommissioned the entire dry well (identified as dry well 6) by removal on March 20, 2008. No liquid or sludge was observed within the dry well. Coarse rounded drain rock was observed surrounding the dry well during the decommissioning activities. The concrete rubble generated during the decommissioning activities was recycled by crushing on site and reusing it as backfill material or to construct haul roads.

6.7.1.5 Sump Removal
Bones Construction removed the entire sump located in the northeast corner of Robertson's Paint Shop on April 21, 2008. The sump was dry and empty prior to removal. The concrete rubble generated during decommissioning of the sump was transported to Hillsboro Landfill on May 23, 2008, for disposal.

A 55-gallon open top drum exposed to the elements and connected to the sump via an underground pipe was also removed by Bones Construction on April 8, 2008. This drum appeared to contain rain water. The liquid contents in this drum will be solidified and transported to Hillsboro Landfill for disposal at a later date. The concrete rubble generated during removal of the sump was transported off site to Hillsboro Landfill for disposal.

6.7.1.6 Drainage Feature Removal
Bones Construction removed the drainage feature on April 8, 2008. Upon removal, the empty drums were temporarily stored on 6-mil plastic. The drums were heavily rusted and in poor condition upon removal. After consolidating the residual soil encountered in several of the drums into one new 55-gallon drum (as suggested by Ecology), the empty drums were transported off-site to Hillsboro Landfill for disposal.

6.7.1.7 Disposal of Listed Waste - Contained Out Determination

GeoDesign reported the discovery of the previously unknown drainage feature to Ecology and coordinated characterization and disposal activities with Mr. Steve Teel and Ms. Kaia Petersen of Ecology's Hazardous Waste and Toxics Reduction Program. Based on the characterization results (GeoDesign, 2008a), Ecology considered the soil surrounding the former drainage feature as "F002-listed dangerous waste." Ecology subsequently assigned the project site EPA I.D. # WAH 000 032 953.

GeoDesign requested written approval from Ecology to dispose the F002 listed dangerous waste as non-dangerous waste using Ecology's "Contained-In" policy. Ecology reviewed the information submitted with the written request and determined that the soils contain F002-listed dangerous waste constituents at concentrations that did not warrant management as dangerous wastes (Ecology, 2008). Therefore, Ecology did not require disposal of these soils as listed wastes at a permitted TSD facility provided the criteria outlined in their Contained-In Determination letter (Ecology, 2008) was met.

6.7.2 Excavation Activities

6.7.2.1 General

The soil surrounding the former sump was identified in the Ecology-approved Final Proposed Cleanup Action Plan as having metals (cadmium and chromium) impacts only. However, soil sampling and analysis conducted to characterize soil surrounding the sump and newly-discovered drainage feature, identified additional contaminants, including petroleum hydrocarbons (that were not fuel related), VOCs, SVOCs, PAHs, and pesticides (GeoDesign, 2008a). Therefore, as suggested by Ecology, the confirmation soil samples collected from the limits of the remedial excavations associated with the gutter and settlement cells and sump and drainage feature were amended to include analysis for these contaminants, as presented in Table 1. Although PCBs were not detected in the characterization soil samples collected from beneath the sump during the previous investigations or in the characterization soil sample collected immediately beneath the removed drainage feature, Ecology verbally requested PCB analysis due to the reported historical presence of PCBs in the liquid formerly contained in the sump.

Excavation activities in Cleanup Action Area 2 ultimately resulted in five excavations. One remedial excavation ultimately resulted from the removal of the sump and drainage feature at the northeast corner of Robertson's Paint Shop. Additionally, remedial excavations were also completed beneath the gutter and settlement cells located along the northern wall of the former paint shop, beneath the removed ASTs, and beneath the dry well. The final limits of these excavations are shown on Figures 7 and 8.

After demolition activities were complete, the impacted soil associated with Robertson's Paint Shop was removed by excavation and temporarily stockpiled on site. Soil samples were collected from the stockpiles for characterization and disposal profiling purposes (GeoDesign, 2008a). The samples collected from the stockpiles were analyzed for the same analytical parameters as the confirmation soil samples collected from the limits of the excavation which generated the stockpiled soil. Confirmation soil samples collected from the final limits of the remedial excavations and during the dry well decommissioning activities, as well as those collected beneath the removed ASTs and cistern were analyzed for the constituents presented in Table 1 in accordance with the methodology presented in Table 1. Excavation and sample collection was conducted in accordance with the field procedures outlined in Appendix A.

In general, the area beneath the sump and the northern portion of the drainage feature required overexcavation to a maximum depth of approximately 12.5 feet BGS, while the area beneath the southern portion of the drainage feature required overexcavation to a maximum depth of approximately 14.5 feet BGS. The vertical depth of the excavation beneath the gutter and settlement cells ranged from approximately 3 to 4.5 feet BGS. The vertical depth of excavation beneath the ASTs ranged from 0.75 foot to 4.0 feet BGS. Confirmation soil samples were collected from the sidewalls (if greater than 1 foot in depth) and the base of the final excavation limits. The final limits of the remedial excavations and confirmation soil sample locations for Cleanup Action Area 2 are shown on Figures 7 and 8.

6.7.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis ranged from 0.0 to 1.2 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized on Table 3.

6.7.2.3 Analytical Results

<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>

Diesel-range hydrocarbons were qualitatively detected in soil sample CAA-2-13(8.0-8.5). Soil represented by this sample was removed during overexcavation activities and ultimately transported off site to Hillsboro Landfill for disposal. Heavy oil-range hydrocarbons were qualitatively detected in soil samples CAA-2-23(11.0-11.5), CAA-2-24(10.5-11.0), CAA-2-26(12.5-13.0), and CAA-2-7(2.0-2.5). The laboratory estimated the heavy oil-range hydrocarbons detected in samples CAA-2-23(11.0-11.5), CAA-2-24(10.5-11.0), and CAA-2-26(12.5-13.0) at concentrations less than the corresponding MTCA Method A cleanup level of 2,000 mg/Kg. Nonetheless, soil represented by all four of these samples was also removed during overexcavation activities and ultimately transported off site to Hillsboro Landfill for disposal. The laboratory notes that the hydrocarbons detected in these samples were not fuel related, but are associated with a paraffin wax. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Petroleum hydrocarbons were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 3.

<u>VOCs</u>

No more than seven VOCs were detected in soil samples CAA-2-19(8.5-9.0), CAA-2-23(11.0-11.5), CAA-2-25(10.0-10.5), CAA-2-26(12.5-13.0), Stockpile-6, and Stockpile-26. However, only the concentration of methylene chloride detected in sample CAA-2-19 (8.5-9.0) exceeded the corresponding MTCA Method A cleanup level of 20 µg/Kg. Nonetheless, soil represented by each of these samples was removed during overexcavation activities and ultimately transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the VOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. VOCs were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 4.

<u>SVOCs</u>
The SVOCs benzylbutyl phathalate and/or bis(2-ethylhexyl)phthalate were quantitatively detected in soil samples CAA-2-7(2.0-2.5), CAA-2-10(1.5-2.0), CAA-2-14(4-4.5), CAA-2-19(8.5-9.0), CAA-2-23(11.0-11.5), CAA-2-24(10.5-11.0), and CAA-2-26(12.5-13.0). Neither of these detected SVOCs exceeded the corresponding MTCA Method B protective values of 16,000,000 µg/Kg and 71,000 0181 µg/Kg, respectively. Nonetheless, soil represented by these two samples was removed during overexcavation activities and ultimately transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the SVOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. SVOCs were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 5.

<u>PAHs</u>
One PAH, naphthalene, was detected in soil sample CAA-2-8(2.5-3.0) at a concentration less than the corresponding MTCA Method A cleanup level of 5,000 µg/Kg. Three PAHs, including fluoranthene, phenanthrene, and pyrene were detected in soil sample Drywell-6 (19.5-20). Ecology has not established a screening level for phenanthrene. Neither fluoranthene nor pyrene was detected at concentrations exceeding the corresponding MTCA Method B protective values of 3,200,000 µg/Kg and 2,400,000 µg/Kg, respectively. Nonetheless, soil represented by each of these samples was removed during overexcavation activities and ultimately transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the PAH-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. PAHs were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 6.

<u>Metals</u>
Several metals, including arsenic, cadmium, chromium, copper, lead, zinc, and mercury were detected in the confirmation soil samples submitted for analysis. Confirmation soil samples collected from the final limits of the excavations with total chromium detected at concentrations greater than the most conservative MTCA Method A cleanup level for hexavalent chromium (19 mg/Kg), were submitted for analysis of hexavalent chromium. Hexavalent chromium was only detected in sample CAA-2-6(2.0-2.5) at a concentration less than the MTCA Method A cleanup level of 19 mg/Kg. The total chromium detected in the confirmation soil samples was less than the corresponding MTCA Method A cleanup level of 2,000 mg/Kg. <u>No other metals</u> concentrations, with the exception of cadmium, were detected in confirmation soil samples collected from the final limits of the excavations above corresponding MTCA screening levels. The analytical results are summarized in Table 7.

Confirmation soil sample CAA-2-22(10.5-11.0), collected from the final base of the excavation associated with the sump and drainage feature and CAA-2-28(4.5-5.0), collected from the final base of the excavation associated with the gutter and settlement cells, exhibited the highest cadmium concentrations of 7.72 mg/Kg and 6.37 mg/Kg, respectively, which exceed the MTCA Method A cleanup level of 2.0 mg/Kg, but not the Method B protective level of 80.0 mg/Kg. Because the MTCA Method A cleanup level is based on protection of groundwater for drinking water use, the SPLP procedure in WAC 173-340-747(7) for samples CAA-2-22(10.5-11.0) and CAA-2-28(4.5-5.0) was analyzed. The resulting leaching test effluent concentrations are less than the reporting limit of 0.01 mg/L. This reporting limit is less than 10 times the applicable groundwater cleanup level for cadmium (0.050 mg/L). Therefore, the resulting leaching test effluent concentrations are considered protective of groundwater. Additionally, cadmium was not detected in the groundwater samples collected from any of the monitoring wells. Based on this information, the cadmium-impacted soil beneath the former sump and drainage feature and gutter and settlement cells does not present unacceptable risk to human health.

Pesticides

The pesticides 4,4-DDT and endrin keytone were detected in samples DUP-11 (a duplicate sample collected from the same location as CAA-2-29[5.5-6.0]) and CAA-2-29ox(5.5-6.0), respectively, at concentrations less than established MTCA screening levels. Although the detected concentrations are less than established MTCA screening levels, soil represented by these samples was overexcavated on June 3, 2008 and post-overexcavation confirmation samples were collected Analytical results are pending and will be presented in a forthcoming report. Results from the remaining confirmation soil samples collected from the final limits of the remedial excavations at Cleanup Action Area 2 indicate that the pesticide-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other pesticides were detected in any of the remaining confirmation soil samples collected from the final limits of the remedial excavation. Analytical results are summarized in Table 8.

PCBs

Only one PCB, Arochlor 1260, was detected in 10 confirmation soil samples, at concentrations less than the corresponding MTCA Method A cleanup level of 1,000 µg/Kg (a total value for the sum of all PCBs). Nonetheless, soil represented by each of these samples was removed during overexcavation activities and transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the PCB-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other PCBs were detected in any of the confirmation soil samples collected from the final limits of the remedial excavation. Analytical results are summarized in Table 9.

6.7.2.4 Backfill Activities

Each of the remedial excavations was backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.8 CLEANUP ACTION AREA 3 - FORMER FUELING AREA

This area is shown on Figures 2, 9, and 10. The area included:

- The former fueling facilities (the 8,000-gallon duel compartment aviation fuel UST, dispenser and associated piping)
- Two septic tanks
- Two dry wells
- Associated piping

The 8,000-gallon duel compartment UST was constructed of fiberglass and was connected through underground piping to a dispenser located to the northeast of the tank. The top of the tank was approximately 5 feet BGS) and the bottom of the tank was approximately 13 feet BGS. The layout of the fueling system is shown on Figure 9.

Two septic tanks were identified immediately east of the former Insurance Hangar building. One of the septic tanks was connected via underground piping to an active dry well and one was connected to an abandoned dry well. The active dry well (identified as dry well-2) was constructed of two perforated concrete collars measuring approximately 4.5 feet in diameter. The total depth of the active dry well was approximately 5 feet. The abandoned dry well that was filled with soil (identified as dry well-3 prior to current activities) was constructed of two perforated concrete collars measuring approximately 4.5 feet in diameter. The total depth of the formerly abandoned dry well was approximately 12.5 feet. Coarse rounded drain rock was observed surrounding the exteriors of each dry well. The layout of the septic system identified at Cleanup Action Area 3 is shown on Figure 9.

6.8.1 Non-Excavation Activities

6.8.1.1 UST and Dispenser Removal

On March 27, 2008, Belfor Environmental decommissioned the 8,000-gallon duel compartment aviation fuel UST. A copy of the 30-Day Notice of Intent to Decommission is included in Appendix D. A copy of the Underground Storage Tank Site Check/Site Assessment Checklist is also presented in Appendix D. In addition, a Clark County Fire Marshal permit was obtained prior to on-site activities (Appendix D). Belfor Environmental summarized the decommissioning activities in a stand alone report that has been submitted to Ecology under separate cover (Belfor, 2008).

During decommissioning activities, a concrete slab was removed from the soil covering the top of the tank. The overburden soil was removed above the top of the tank and the piping was exposed. The UST was strapped to concrete forms below the tank. The straps were cut and the tank was removed from the excavation.

Approximately 7 gallons of aviation fuel was present in the southern compartment of the tank, and the northern compartment was empty. During excavation activities, the southern end of the tank was inadvertently ruptured and soil and pea gravel backfill entered the tank. Once the tank was removed from the excavation, the contents were removed and the fuel was solidified using oil absorbent floor dry, encapsulated in visqueen and ultimately transported to Hillsboro Landfill for disposal.

After the tank was removed from the excavation, the tank and excavation were observed for signs of a release. The tank did not contain any visible holes, except for the above-referenced puncture that occurred during decommissioning activities. Field screening evidence of petroleum impacts were not observed in the pea gravel backfill or the native soil in the excavation. Belfor Environmental collected soil samples as part of the UST decommissioning activities and submitted them for analysis of hydrocarbon identification by method Northwest TPH-HCID. No petroleum hydrocarbons were qualitatively detected in any of the samples submitted for analysis. Based on the condition of soil in the vicinity of the UST and the UST itself, the petroleum-impacted soil at Cleanup Action Area 3 was not related to the recently decommissioned UST, but from another source, most likely the formerly removed unleaded gasoline USTs that were reportedly installed at the project site in 1972 and 1978.

The dispenser was dismantled and the fuel remaining in the product lines was removed solidified. The dispenser was transported with other scrap metal to Quantum Resources Recovery Inc. for recycling. The UST was transported to Hillsboro Landfill for recycling. A copy of the UST disposal receipt is presented in Appendix D.

6.8.1.2 Septic System Decommissioning

Ted-Dee Bear Septic Service completed pumping the contents from the septic tanks on March 17, 2008. The septic tanks were subsequently abandoned by demolishing the concrete lids and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or pea gravel. Disposal receipts are included in Appendix E.

Bones Construction decommissioned the entire active dry well, the entire abandoned dry well, and all of the associated piping on March 18, 2008. No liquid or sludge was observed within either dry well or piping. Coarse rounded drain rock was observed surrounding the dry wells during the decommissioning activities. The concrete rubble generated during the decommissioning activities was recycled on-site.

6.8.2 Excavation Activities

6.8.2.1 General

Remedial excavations at Cleanup Action Area 3 included two isolated excavations associated with each of the dry well decommissioning activities and one large excavation associated with the former fueling area that encompassed the recent UST decommissioning excavation and the former unleaded gasoline USTs tank cavity. The final limits of these remedial excavations are shown on Figures 9 and 10. Excavation and sample collection was conducted in accordance with the field procedures outlined in Appendix A.

The vertical depth of the excavation associated with the active dry well (dry well-2) was approximately 10 feet BGS. The vertical depth of the excavation associated with the abandoned dry well (dry well-3) was approximately 10.5 feet BGS. Confirmation soil samples were collected from the sediment within the active dry well, from the soil within the abandoned dry well, and from native soil beneath each dry well. Confirmation soil samples were analyzed for the contaminants presented in Table 1 by the methodology presented in Table 1. Additionally, soil samples were collected from the material temporarily stockpiled during the decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. The samples collected from the stockpiled material were analyzed for the same constituents as the confirmation soil samples collected from the limits of the remedial excavations.

The extent of impacted soil beneath the former fueling area was limited by an impermeable iron crust located at a depth ranging between 14 and 15 feet BGS. In general, the vertical depth of the excavation associated with the former fueling area ranged between approximately 15.5 and 16.5 feet BGS. Two isolated areas within the initial excavation required overexcavation. Confirmation soil samples were collected from the sidewalls and base of the final excavation limits and analyzed for the contaminants presented in Table 1 by the methodology presented in Table 1. The final limits of the remedial excavation and confirmation soil sample locations for Cleanup Action Area 3 are shown on Figure 10. Additionally, soil samples were collected from the temporarily stockpiled excess clean overburden material removed during the remedial excavation activities prior to being reused as backfill material. The samples collected from the stockpiled material were analyzed for the same constituents as the confirmation soil samples collected from the limits of the remedial excavation.

6.8.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 3 ranged from 0.0 to 6.2 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized on Table 10.

6.8.2.3 Analytical Results

<u>Gasoline-, Diesel-, and Heavy Oil-Range Hydrocarbons</u>

Gasoline-range hydrocarbons were quantitatively detected in soil sample CAA-3-22 (14.5-15.0) at a concentration significantly less than the corresponding MTCA Method A cleanup level of 100 mg/Kg. Oil-range hydrocarbons were qualitatively detected in confirmation soil samples Stockpile-2 and Piping-1-(3), but only quantitatively detected in sample Stockpile-2 (at a concentration significantly less than the corresponding MTCA Method A cleanup level of 2,000 mg/Kg). Nonetheless, the gasoline- and heavy oil-range hydrocarbon impacted soil represented by each of the samples was removed during overexcavation activities and directly transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Petroleum hydrocarbons were not detected in any of the remaining confirmation soil samples collected from the final limits of the remedial excavation. Analytical results are summarized in Table 10.

<u>VOCs</u>

One oxygenate, methanol, was detected in soil sample CAA-3-33 (15.5-16.0) at a concentration significantly less than the corresponding MTCA Method B protective value of 40,000,000 µg/Kg. Nonetheless, soil represented by this sample was removed during overexcavation activities and directly transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavations indicate that the

VOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other VOCs were detected in any of the remaining confirmation soil samples collected from the final limits of the remedial excavation. Analytical results are summarized in Table 10.

The VOC 1,1,2-Trichloro-1,2,2-trifluoro was detected in sediment collected from both dry wells at Cleanup Action Area 3(samples DrywellSeds-2 and DrywellSeds-3) at concentrations significantly less than the corresponding MTCA Method B protective value of 2,400,000,000 µg/Kg. Nonetheless, the sediment removed from within the dry wells was transported to Hillsboro Landfill for disposal. Analytical results are summarized in Table 11.

<u>SVOCs</u>

No more than seven SVOCs were detected in soil samples Drywell-3-(14.5-15) and Stockpile-3 at concentrations less than corresponding established MTCA screening levels. Nonetheless the soil represented by sample Drywell-3-(14.5-15) was removed during overexcavation activities and transported off site to Hillsboro Landfill for disposal. The stockpiled soil was also removed and transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from base of the overexcavated material indicate that the SVOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other SVOCs were detected in any of the remaining confirmation soil samples collected from the final limits of the remedial excavation. Analytical results are summarized in Table 12.

<u>PAHs</u>

Three PAHs, including fluoranthene, phenanthrene, and pyrene were detected in soil sample Drywell-3-(14.5-15). MTCA has not established a corresponding cleanup level for phenanthrene. Fluoranthene and pyrene were detected at concentrations significantly less than the established corresponding MTCA Method B protective values (3,200,000 µg/Kg for fluoranthene and 2,400,000 µg/Kg for pyrene). Nonetheless, soil represented by this sample was removed during overexcavation activities and transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil sample collected from the base of the overexcavated material indicate that the PAH-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other PAHs were detected in any of the remaining confirmation soil samples collected from the final limits of the remedial excavation. Analytical results are summarized in Table 13.

<u>Metals</u>

Six metals, including arsenic, chromium, copper, lead, zinc, and/or mercury were detected in each of the samples submitted for analysis. The detected concentrations were less than the corresponding MTCA screening levels.). Analytical results are summarized in Table 14.

6.8.2.4 Backfill Activities

Each of the remedial excavations completed in Cleanup Action Area 3 were backfilled to the existing grade using clean excess soil that was removed during the UST remedial excavation activities. Prior to using the clean overburden material as backfill, a total of 14 soil samples were collected from the stockpile, in accordance with the approved Final Proposed Cleanup Action Plan (URS, 2006).

6.9 CLEANUP ACTION AREA 4 - SOUTHERN PORTION OF FORMER EVERGREEN FLIGHT SERVICE

This area is shown on Figures 2 and 11. The area included:

- A former paint booth
- One septic tank
- Two dry wells
- Associated piping

One septic tank and two dry wells were identified associated with Cleanup Action Area 4. One dry well was connected to a septic tank and one dry well appeared to be associated with surface water drainage. The dry well (identified as dry well-4) connected to the septic tank was constructed of three perforated concrete collars measuring approximately 3 feet in diameter. The total depth of this dry well was approximately 7 feet BGS. A catch basin was connected directly to the second dry well (identified as dry well-5). This dry well was not connected to a septic system and appeared to be designed to collect surface water runoff at this area of the project site. This dry well was constructed of two perforated concrete collars measuring approximately 4.5 feet in diameter. The total depth of this dry well was approximately 13.5 feet. The layout of the former paint booth, septic system and isolated dry well identified at Cleanup Action Area 4 is shown on Figure 11.

6.9.1 Non-Excavation Activities

6.9.1.1 Septic System Decommissioning

Ted-Dee Bear Septic Service completed pumping the contents from the septic tanks on March 17, 2008. The septic tank was subsequently abandoned by demolishing the concrete lids and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or pea gravel.

Bones Construction decommissioned the entire dry well connected to the septic tank by removal on March 19, 2008. The associated piping was removed on April 24, 2008. The entire dry well not connected to a septic tank was decommissioned by removal on March 20, 2008. No liquid or sludge was observed within either dry well. Coarse rounded drain rock was observed surrounding each dry well during the decommissioning activities. The concrete rubble generated during the decommissioning activities was recycled on site. The stockpiled material generated during the decommissioning activities was ultimately disposed at Hillsboro Landfill.

6.9.2 Excavation Activities

6.9.2.1 General

Remedial excavations at Cleanup Action Area 4 included two isolated excavations associated with the dry well decommissioning activities and one isolated excavation associated with the former paint booth. Additionally, soil samples were collected from the material temporarily stockpiled during the decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. The samples collected from the stockpiled material were analyzed for the same constituents as the confirmation soil samples collected from the limits of the remedial excavations. The final limits of these remedial excavations are shown in Figure 11.

The vertical depths of the excavations associated with the dry well connected to the septic tank and isolated dry well were approximately 10 and 17 feet BGS, respectively. Confirmation soil samples were collected from the sediment within each dry well, from native soil beneath each dry well, and beneath the removed piping. Confirmation soil samples were analyzed for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, soil samples were collected from the temporarily stockpiled material removed during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal.

In general, the vertical depth of the excavation associated with the former paint booth was approximately 3.5 feet BGS. Confirmation soil samples were collected from the sidewalls and base of the final excavation limits at the locations shown on Figure 10 and analyzed for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1.

6.9.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 4 were 0.0 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 15.

6.9.2.3 Analytical Results

<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>

Diesel- and heavy oil-range hydrocarbons were quantitatively detected in soil sample Stockpile-5 at concentrations significantly less than the corresponding MTCA Method A cleanup level of 2,000 mg/Kg. Nonetheless, this stockpile of soil was removed and ultimately transported off site to Hillsboro Landfill for disposal. Petroleum hydrocarbons were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 15.

<u>VOCs</u>

The VOCs acetone and 1,1,2-Trichloro-1,2,2-trifluoro were detected in sample Piping-14(0.5-0.75) and DrywellSeds-4, respectively, at concentrations significantly less than the corresponding MTCA Method B protective values. Soil represented by sample Piping-14(0.5-0.75) was removed during overexcavation activities and the sediment was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavation indicate that the VOC-impacted soil successfully removed and transported to Hillsboro Landfill for disposal, except at the location of sample Piping-14ox(1.5-2.0). Acetone was detected at a concentration of 67 µg/Kg in sample Piping-14ox(1.5-2.0), which is significantly less than the corresponding Method B Protective Value of 8,000,000 µg/Kg. No other VOCs were detected in the remaining confirmation soil samples. Analytical results are summarized in Table 16.

<u>SVOCs</u>

SVOCs were not detected in any of the soil samples collected from Cleanup Action Area 4. Analytical results are summarized in Table 17.

PAHs

PAHs were not detected in any of the soil samples collected from Cleanup Action Area 4. Analytical results are in Table 18.

Metals

Arsenic, cadmium, chromium, copper, lead, zinc, and/or mercury were detected in each of the soil samples associated with the septic system. However, only cadmium in samples DrywellSeds-4 and Stockpile-4 (collected from the sediment and soil generated during the decommissioning activities) was detected at concentrations greater than the corresponding MTCA Method A cleanup level. The stockpiled sediment and soil generated during decommissioning of Drywell 4 and Drywell 5 was transported off site to Hillsboro Landfill for disposal. Analytical results are summarized in Table 19.

6.9.2.4 Backfill Activities

Each of the remedial excavations completed in Cleanup Action Area 4 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3 or crushed concrete that had been stockpiled on site. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.10 CLEANUP ACTION AREA 5 - FORMER VANCOUVER CHAINSAW AND SERVICE

This area is shown on Figures 2 and 12.12. The area included:

- One septic tank
- One dry well
- Associated piping
- A former drum storage area

One septic tank was identified at Cleanup Action Area 5. As described below, this septic tank did not have a concrete bottom. The septic tank was connected to one active dry well (identified as dry well-1). The active dry well connected to the septic tank was constructed of two perforated concrete collars measuring approximately 3 feet in diameter. The total depth of the active dry well was approximately 13 feet BGS. Coarse rounded drain rock was observed surrounding the dry well. The septic system identified at Cleanup Action Area 5 is shown on Figure 12.

6.10.1 Non-Excavation Activities

6.10.1.1 Septic System Decommissioning

Ted-Dee Bear Septic Service completed pumping the contents from the septic tank on March 17, 2008. Upon removal of the contents, it was apparent this septic tank did not have a concrete bottom. Therefore, soil samples were collected from soil observed at the base of the tank, and based on analytical results, overexcavation activities were completed. After completing remedial excavation activities, the septic tank was subsequently abandoned by demolishing the concrete lid and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or pea gravel. Disposal receipts are included in Appendix E.

Bones Construction decommissioned the entire dry well by removal on March 17, 2008 and the associated piping on April 25, 2008. No liquid or sludge was observed within the dry well. Coarse rounded drain rock was observed surrounding the dry well during the decommissioning activities. The concrete rubble generated during the decommissioning activities was recycled on site. The stockpiled material generated during the decommissioning activities was ultimately disposed at Hillsboro Landfill.

6.10.2 Excavation Activities

6.10.2.1 General

Remedial excavations at Cleanup Action Area 5 included an excavation associated with dry well and septic tank decommissioning activities and a shallow excavation associated with the former drum storage area. The final limits of these remedial excavations are shown on Figure 12.

The vertical depth of the excavation associated with the dry well connected to the septic tank was approximately 13.5 feet BGS. Confirmation soil samples were collected from the sediment within the dry well, from native soil beneath the dry well, and beneath the removed piping. Confirmation soil samples were analyzed for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, soil samples were collected from the temporarily stockpiled material generated during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. The samples collected from the stockpiled material were analyzed for the same constituents as the samples collected from the excavations.

The vertical depth of the excavation associated with the former drum storage area was limited to approximately 0.5 foot BGS. A confirmation soil sample was collected from the base of the excavation and analyzed for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1.

6.10.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 5 were 0.4 and 0.5 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 20.

6.10.2.3 Analytical Results

<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>

Petroleum hydrocarbons were neither qualitatively nor quantitatively detected in the soil samples submitted for analysis from Cleanup Action Area 5. Nonetheless, the temporarily stockpiled sediment and soil generated during the decommissioning activities associated with the dry well of soil was removed and transported off site to Hillsboro Landfill for disposal. Analytical results are summarized in Table 20.

<u>VOCs</u>

The VOCs acetone and 1,1,2-Trichloro-1,2,2-trifluoro were detected in sample Piping-17 (0.5-1.0) and DrywellSeds-1, respectively, at concentrations significantly less than the corresponding MTCA Method B protective values. MEK was also detected in sample Piping-17 (0.5-1.0) at a concentration significantly less than the corresponding MTCA Method B protective value. Nonetheless, soil represented by sample Piping-17(0.5-1.0) was removed during overexcavation activities, and the temporarily stockpiled sediment was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavation indicate that the VOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal, except at the location of sample Piping-17ox(2.0-2.5). Acetone was detected at a concentration of 89 µg/Kg in sample Piping-17ox(2.0-2.5), which is significantly less than the corresponding Method B Protective Value of 8,000,000 µg/Kg. Analytical results are summarized in Table 21.

<u>SVOCs</u>
SVOCs were not detected in any of the soil samples collected from Cleanup Action Area 5. Analytical results are summarized in Table 22.

<u>PAHs</u>
No more than nine PAHs were detected in soil samples Stockpile-1and Piping-17 (0.5-1.0). Carcinogenic PAHs, including benzo(a)anthracene, benzo(a)pyrene, chrysene, and indeno(1,2,3-cd)pyrene, were detected in sample Piping-17 (0.5-1.0) at concentrations greater than the corresponding MTCA Method A cleanup level. The remaining non-carcinogenic PAHs detected in both samples were less than the corresponding MTCA Method B protective values. Soil represented by sample Piping-17(0.5-1.0) was removed during overexcavation activities and the temporarily stockpiled soil generated during decommissioning activities associated with the dry well and drum storage area was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the remedial excavation indicate that the PAH-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other PAHs were detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 23.

<u>Metals</u>
Arsenic, cadmium, chromium, copper, lead, zinc, and/or mercury were detected in each of the soil samples collected from Cleanup Action Area 5. However, only cadmium in sample Septic-2-7.5 (collected from native soil at the base of the septic tank) was detected at a concentration greater than the corresponding MTCA Method A cleanup level. Soil represented by sample Septic-2-7.5 was removed during overexcavation activities and transported off site to Hillsboro Landfill for disposal. The result of the confirmation soil sample collected from the base of the resulting overexcavation indicate that the cadmium-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Analytical results are summarized in Table 24.

6.10.2.4 Backfill Activities
Each of the remedial excavations completed in Cleanup Action Area 5 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.11 CLEANUP ACTION AREA 6 - FORMER VANCOUVER CHAINSAW AND SERVICE

This area is shown on Figures 2 and 13.13. The area included:

- One french drain feature
- One septic tank
- One septic distribution box
- Associated piping

The french drain feature was constructed of coarse drain rock and measured approximately 8 feet long, by 4 feet wide and extended to approximately 6.5 feet BGS. An approximate 4-inch-diameter perforated drain line extended from the french drain approximately 20 feet to the north. The perforated pipe was wrapped with geotextile fabric, and surrounded by course drain rock.

One septic tank was identified at Cleanup Action Area 6. The septic tank was connected to a concrete septic distribution via underground piping. Two individual effluent "leach lines" extended from the distribution box. The septic system identified at Cleanup Action Area 6 is shown on Figure 13.

6.11.1 Non-Excavation Activities

6.11.1.1 Septic System Decommissioning

Ted-Dee Bear Septic Service completed pumping the contents from the septic tank on March 17, 2008. The septic tank was subsequently abandoned by demolishing the concrete lid and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or pea gravel. Disposal receipts are included in Appendix E.

The entire septic distribution box was decommissioned by removal in November 2007 (GeoDesign, 2008a). No sludge or sediment was observed inside the distribution box at the time of decommissioning. Removal of the approximate 220 linear feet of underground piping associated with the septic system was completed on April 15, 2008. The concrete rubble and stockpiled material generated during the decommissioning activities transported to Hillsboro Landfill for disposal.

6.11.1.2 French Drain Feature Decommissioning

Bones Construction decommissioned the entire french drain system by removal on March 21, 2008. No sludge or sediment was observed within the perforated piping or french drain feature at the time of decommissioning. The stockpiled material generated during the decommissioning activities was ultimately disposed at Hillsboro Landfill.

6.11.2 Excavation Activities

6.11.2.1 General

Remedial excavations at Cleanup Action Area 6 included an excavation associated with the distribution box remedial excavation activities, the underground piping overexcavation activities, and the french drain decommissioning activities. The final limits of the excavations are shown on Figure 13.

The vertical depth of the excavations associated with the french drain feature was approximately 7.5 feet BGS. The vertical depth of the excavation associated with the distribution box was approximately 6 feet BGS. Confirmation soil samples were collected from native soil beneath the base of the french drain feature, from the limits of the remedial excavation associated with distribution box, and beneath the removed piping, for the analysis presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, a soil sample was collected from the temporarily stockpiled material generated during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal.

Sample collection was conducted in accordance with the soil sampling procedures outlined in Appendix A. The confirmation soil samples collected from Cleanup Action Area 6 were analyzed for the contaminants presented in Table 1 by the methodology presented in Table 1.

6.11.2.2 Field Screening Results
PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 6 ranged between 0.0 and 1.4 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 25.

6.11.2.3 Analytical Results
<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>
Petroleum hydrocarbons were not qualitatively detected in any of the soil samples submitted for analysis from Cleanup Action Area 6, with the exception of soil sample Piping-11(4.0-4.5). Although heavy oil-range hydrocarbons were qualitatively detected in confirmation soil sample Piping-11(4.0-4.5), follow-up quantification did not detect in diesel- or heavy oil-range hydrocarbons. Analytical results are summarized in Table 25.

<u>VOCs</u>
Only once VOC, acetone, was detected in sample Piping-18 (3-3.5) at a concentration significantly less than the corresponding MTCA Method B protective value of 8,000,000 µg/Kg. Nonetheless, soil represented by sample Piping-18(3-3.5) was removed during overexcavation activities and transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the overexcavation indicate that the VOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other VOCs were detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 26.

<u>SVOCs</u>
SVOCs were not detected in any of the soil samples collected from Cleanup Action Area 6. Analytical results are summarized in Table 27.

<u>PAHs</u>
No more than 13 PAHs were detected in soil samples Drainline-1, Piping-8(3.5-4.0), Piping-11(4.0-4.5), Piping-18 (3-3.5), Piping-19 (3-3.5), and Piping-20 (3-3.5). Several carcinogenic PAHs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, Benzo(k)fluoranthene,chrysene, Dibenz(a,h)anthracene, and/or indeno(1,2,3-cd)pyrene, were

detected in each of these samples at concentrations greater than the corresponding MTCA Method A cleanup levels The remaining non-carcinogenic PAHs detected in each sample were less than the corresponding MTCA Method B protective values. Soil represented by each of these samples was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the over-excavations indicate that the PAH-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other PAHs were detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 28.

Metals

Concentrations of arsenic, chromium, copper, lead, zinc, and/or mercury were detected in each of the soil samples collected from Cleanup Action Area 6. The detected concentrations were less than the corresponding MTCA Method A cleanup levels or MTCA Method B protective values. Analytical results are summarized in Table 29.

6.11.2.4 Backfill Activities

Each of the remedial excavations completed in Cleanup Action Area 6 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.12 CLEANUP ACTION AREA 7 - FORMER DRAINAGE FEATURE NEAR HANGAR BUILDING NO. 2

This area is shown on Figures 2 and 14. The area included a previously unidentified surface drainage feature that was constructed of two partially buried upside down 55-gallon plastic containers and one partially buried upside down 55-gallon metal drum. The containers were buried flush with the ground surface, and two of the containers had small openings cut in the bottoms (flush with the ground surface). This surface drainage feature was not connected to a dry well and appeared to be designed and constructed to collect surface water at a topographical low area immediately north of hangar unit no. 15 of Hangar Building No. 2 (Figure 14).

6.12.1 Non-Excavation Activities

6.12.1.1 Drainage Feature Decommissioning

Bones Construction decommissioned the drainage feature by removal on March 26, 2008. Sludge or sediment was not observed within the drum's drainage feature at the time of decommissioning. The stockpiled material generated during the decommissioning activities was disposed at Hillsboro Landfill.

6.12.2 Excavation Activities

6.12.2.1 General

Remedial excavations at Cleanup Action Area 7 included an excavation associated with removal of the surface drain during the decommissioning activities. The final limits of the excavation associated with the decommissioning activities are shown on Figure 14.

The vertical depth of the excavation associated with the surface drain feature was approximately 4 feet BGS. Confirmation soil samples were collected from the limits of the remedial excavation associated with the surface drain feature for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, soil samples were collected from the temporarily stockpiled material generated during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. Sample collection was conducted in accordance with the soil sampling procedures outlined in Appendix A.

6.12.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 7 ranged between 0.4 and 6.7 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 30.

6.12.2.3 Analytical Results

Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons

Petroleum hydrocarbons were not qualitatively detected in any of the soil samples submitted for analysis from Cleanup Action Area 7. Analytical results are summarized in Table 30.

VOCs

VOCs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 7. Analytical results are summarized in Table 31.

SVOCs

Two SVOCs, hexachloroethane and naphthalene, were detected in soil sample CAA-7-3(3.0-3.5) at concentrations significantly less than the corresponding MTCA Method B protective value of 71,000 µg/Kg and MTCA Method A cleanup level of 5,000 µg/Kg, respectively. Nonetheless, soil represented by this sample was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the overexcavation indicate that the SVOC-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. No other SVOCs were detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 32.

PAHs

PAHs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 7. Analytical results are summarized in Table 33.

Metals

Concentrations of arsenic, chromium, copper, lead, and zinc were detected in each of the soil samples collected from Cleanup Action Area 7. The detected concentrations were less than the corresponding MTCA Method A cleanup levels or MTCA Method B protective values. Analytical results are summarized in Table 34.

6.12.2.4 Backfill Activities

Each of the remedial excavations completed in Cleanup Action Area 7 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.13 CLEANUP ACTION AREA 8 - NORTHERN PORTION OF EVERGREEN FLIGHT SERVICER

This area is shown on Figures 2 and 15.15. The area included:

- An isolated surface spill of red paint
- Three ASTs
- A 55-gallon drum of red paint

During demolition of Evergreen Flight Service Building, one 55-gallon drum of red paint was encountered hidden within a thicket of blackberry bushes. A small quantity (estimated 1 to 3 gallons) of red paint spilled from a puncture near the top of the drum onto the surface of the soil. A separate stain of red paint, immediately adjacent to the recent stain, appeared to have happened from a spill, presumably from the same drum, sometime previously.

6.13.1 Pre-Remedial Excavation Activities

6.13.1.1 Disposal of Listed Waste - Contained Out Determination7

GeoDesign requested written approval (GeoDesign, 2008b) from Ecology to dispose the impacted soil from the drum of red paint (designated as "F002 listed dangerous waste") as non-dangerous waste using Ecology's "Contained-In" policy. Ecology reviewed the information submitted with the written request and determined that the soils contained F002-listed dangerous waste constituents at concentrations that did not warrant management as dangerous wastes (Ecology, 2008). Ecology did not require disposal of these soils as listed wastes at a permitted TSD facility, provided the criteria outlined in their Contained-In Determination letter (Ecology, 2008) was met. The punctured drum will be transported and disposed at Hillsboro Landfill.

6.13.1.2 AST Removal

Elder Demolition removed one remaining empty 275-gallon AST (identified as AST-3) located east of Evergreen Flight Service during the week of March 31, 2008 and transported it with other scrap metal to Quantum Resource Recovery Inc. for recycling. A copy of the recycling receipt is presented in Appendix C. The other ASTs (identified as AST-4 and AST-5) formerly located near Evergreen Flight Service were removed prior to beginning the cleanup actions, presumably by the former tenant.

6.13.2 Remedial Excavation Activities

6.13.2.1 General

Remedial excavations at Cleanup Action Area 8 included the excavation of the near-surface impacted soil associated with the spill of red paint and remedial excavations associated with near-surface impacts of petroleum hydrocarbons associated with the former heating oil ASTs. The final limits of the excavations are shown on Figure 15.

The vertical depth of the excavation associated with the spilled paint was approximately 4 feet BGS. The vertical depths of the excavations associated with hydrocarbon-impacted soil beneath the former heating oil ASTs ranged between approximately 0.5 foot and 2.5 feet BGS. Confirmation soil samples were collected from the limits of the remedial excavations for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, soil samples were collected from the temporarily stockpiled material generated during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. Sample collection was conducted in accordance with the soil sampling procedures outlined in Appendix A.

6.13.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 8 ranged between 0.0 and 1.6 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 35.

6.13.2.3 Analytical Results

<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>

Diesel- and/or heavy oil-range hydrocarbons were qualitatively detected in soil samples CAA-8-1-4(3.0-3.5), CAA-8-1-4ox (3-3.5), Stockpile-25, AST-3(0.5-0.75), AST-3OX (0.75-1), AST-4(0.5-1.0), and Dup-6. The laboratory estimated the concentrations of gasoline-, diesel-, and heavy oil-range hydrocarbons in soil sample Stockpile-25 based on the HCID analysis quantitation. Diesel- and/or heavy oil-range hydrocarbons were quantitatively detected in soil samples CAA-8-1-4(3.0-3.5), CAA-8-1-4ox (3-3.5), AST-3ox (1-1.25), and Dup-9 at concentrations less than the corresponding MTCA Method A cleanup levels of 2,000 mg/Kg. Nonetheless, soil represented by each of these samples was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil samples collected from the final limits of the overexcavations indicate that the diesel- and heavy oil-range hydrocarbon-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Petroleum hydrocarbons were not detected in any of the remaining soil samples submitted for analysis. Analytical results are summarized in Table 35.

<u>VOCs</u>

VOCs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 8. Analytical results are summarized in Table 36.

<u>SVOCs</u>

SVOCs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 8. Analytical results are summarized in Table 37.

<u>PAHs</u>

PAHs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 8. Analytical results are summarized in Table 38.

<u>Metals</u>

Concentrations of arsenic, cadmium, chromium, copper, lead, zinc and/or mercury were detected in each of the soil samples collected from Cleanup Action Area 8. However, only cadmium and lead detected were detected in sample Stockpile-25 at concentrations greater than the corresponding MTCA Method A cleanup levels of 2.0 mg/Kg and 250 mg/Kg, respectively. The stockpiled soil generated during the remedial excavations associated with Cleanup Action Area 8 was transported off site to Hillsboro Landfill for disposal. Analytical results are summarized in Table 39.

6.13.2.4 Backfill Activities
Each of the remedial excavations completed in Cleanup Action Area 8 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.14 CLEANUP ACTION AREA 9 - FORMER AURORA AVIONICS AND LIGHTS
This area is shown on Figures 2 and 16. The area included:

- One septic tank
- One dry well
- Associated piping

One septic tank was identified at Cleanup Action Area 9. The septic tank was connected to one active dry well (identified as dry well-7). The active dry well connected to the septic tank was constructed of two perforated concrete collars measuring approximately 4.5 feet in diameter. The total depth of the active dry well was approximately 9 feet BGS. Coarse rounded drain rock was observed surrounding the dry well. The septic system identified at Cleanup Action Area 9 is shown on Figure 16.

6.14.1 Non-Excavation Activities
6.14.1.1 Septic System Decommissioning
Ted-Dee Bear Septic Service completed pumping the contents from the septic tank on April 10, 2008. The septic tank was subsequently abandoned by demolishing the concrete lid and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or pea gravel. Disposal receipts are included in Appendix E.

Bones Construction decommissioned the entire dry well by removal on April 10, 2008. Approximately 50 linear feet of the associated piping was also removed on April 10, 2008. No liquid or sludge was observed within the dry well. Coarse rounded drain rock was observed surrounding the dry well during the decommissioning activities. The concrete rubble generated during the decommissioning activities was recycled on site. The stockpiled material generated during the decommissioning activities was disposed at Hillsboro Landfill.

6.14.2 Excavation Activities
6.14.2.1 General
Excavations at Cleanup Action Area 9 included a remedial excavation associated with the dry well decommissioning activities and overexcavation associated with the piping. The final limits of the excavations are shown on Figure 16.

The vertical depth of the excavation associated with the dry well connected to the septic tank was approximately 10.5 feet BGS. Confirmation soil samples were collected from the sediment within the dry well, from native soil beneath the dry well, and beneath the removed piping for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, soil samples were collected from the temporarily stockpiled material generated during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. Sample collection was conducted in accordance with the soil sampling procedures outlined in Appendix A.

6.14.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 9 ranged between 0.6 and 4.9 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 40.

6.14.2.3 Analytical Results

<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>

Heavy oil-range hydrocarbons were qualitatively detected in soil sample DrywellSeds-7. The laboratory estimated the concentrations of heavy oil-range hydrocarbons in this sample based on the HCID analysis quantitation. The estimated concentration of heavy oil-range hydrocarbons was less than the corresponding MTCA Method A cleanup level of 2,000 mg/Kg. Nonetheless, the sediment represented by this sample was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil sample collected from the native soil beneath the removed sediment within the dry well indicate that the heavy oil-range hydrocarbon-impacted sediment was successfully removed and transported to Hillsboro Landfill for disposal. Petroleum hydrocarbons were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 40.

<u>VOCs</u>

One VOC, PCE, was detected in soil sample Piping-4(2.0-2.5) at a concentration less than the corresponding MTCA Method A cleanup level of 50 µg/Kg. Nonetheless, soil represented by this sample was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil sample collected from the final limits of the over-excavation indicate that the PCE-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. VOCs were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 41.

<u>SVOCs</u>

One SVOC, Bis(2-ethylhexyl)phthalate, was detected in soil sample DrywellSeds-7 at a concentration less than the corresponding MTCA Method B protective value of 71,000 µg/Kg. Nonetheless, sediment represented by this sample was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil sample collected from the native soil beneath the removed sediment within the dry well indicate that the SVOC-impacted sediment was successfully removed and transported to Hillsboro Landfill for disposal. SVOCs were not detected in any of the remaining confirmation soil samples. Analytical results are summarized in Table 42.

<u>PAHs</u>

PAHs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 9. Analytical results are summarized in Table 43.

Metals
Concentrations of arsenic, cadmium, chromium, copper, lead, tin, zinc and/or mercury were detected in each of the soil samples collected from Cleanup Action Area 9. However, only cadmium and mercury detected in sample DrywellSeds-7 exceeded the corresponding MTCA Method A cleanup level of 2.0 mg/Kg. Consequently, the sediment represented by this sample was removed during overexcavation activities and was transported off site to Hillsboro Landfill for disposal. The results of the confirmation soil sample collected from the native soil beneath the sediment within the dry well indicate that the elevated metals-impacted sediment (at concentrations exceeding MTCA screening criteria) was successfully removed and transported to Hillsboro Landfill for disposal. Analytical results are summarized in Table 4.

6.14.2.4 Backfill Activities
Each of the remedial excavations completed in Cleanup Action Area 9 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.15 CLEANUP ACTION AREA 10 - FORMER NW ANTIQUE AIRCRAFT CLUB
This area is shown on Figures 2 and 17. The area included:

- One septic tank
- One dry well
- Associated piping

One septic tank was identified at Cleanup Action Area 10. The septic tank was connected to one active dry well (identified as dry well-8). The active dry well connected to the septic tank was constructed of two perforated concrete collars measuring approximately 4.5 feet in diameter. The total depth of the active dry well was approximately 7 feet BGS. Coarse rounded drain rock was observed surrounding the dry well. The layout of the septic system identified at Cleanup Action Area 10 is shown on Figure 17.

6.15.1 Non-Excavation Activities
6.15.1.1 Septic System Decommissioning
Ted-Dee Bear Septic Service completed pumping the contents from the septic tank on March 17, 2008. The septic tank was subsequently abandoned by demolishing the concrete lid and filling the void spaces with clean excess soil that was removed from Cleanup Action Area 3 and/or pea gravel. Disposal receipts are included in Appendix E.

Bones Construction decommissioned the entire dry well by removal on April 25, 2008. The approximate 20 linear feet of associated piping was removed on April 25, 2008. No liquid or sludge was observed within the dry well. Coarse rounded drain rock was observed surrounding the dry well during the decommissioning activities. The concrete rubble generated during the decommissioning activities was recycled on site. The stockpiled material generated during the decommissioning activities was ultimately disposed at Hillsboro Landfill.

6.15.2 Excavation Activities

6.15.2.1 General

Excavations at Cleanup Action Area 10 included a remedial excavation associated with the dry well decommissioning activities. The final limits of the excavations are shown on Figure 17.

The vertical depth of the excavation associated with the dry well connected to the septic tank was approximately 8 feet BGS. Confirmation soil samples were collected from the sediment within the dry well, from native soil beneath the dry well, and beneath the removed piping for the contaminants presented in Table 1 in accordance with the methodology presented in Table 1. Additionally, soil samples were collected from the temporarily stockpiled material generated during decommissioning activities prior to being transported off site to Hillsboro Landfill for disposal. Sample collection was conducted in accordance with the soil sampling procedures outlined in Appendix A.

6.15.2.2 Field Screening Results

PID readings from the vapor headspace tests performed on confirmation soil samples submitted for chemical analysis from Cleanup Action Area 10 ranged between 0.0 and 1.4 ppm. No visual or sheen evidence of contamination was observed in any of the confirmation samples submitted for chemical analysis. The field screening results are summarized in Table 45.

6.15.2.3 Analytical Results

<u>Gasoline-, Diesel- and Heavy Oil-Range Hydrocarbons</u>

Petroleum hydrocarbons were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 10. Analytical results are summarized in Table 45.

<u>VOCs</u>

No VOCs were detected in any of the soil samples submitted for analysis from Cleanup Action Area 10. Analytical results are summarized in Table 46.

<u>SVOCs</u>

SVOCs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 10. Analytical results are summarized in Table 47.

<u>PAHs</u>

PAHs were not detected in any of the soil samples submitted for analysis from Cleanup Action Area 10. Analytical results are summarized in Table 48.

<u>Metals</u>

Concentrations of arsenic, chromium, copper, lead, and zinc were detected in each of the soil samples collected from Cleanup Action Area 10 at concentrations less than the corresponding MTCA Method A cleanup levels or MTCA Method B protective values. Analytical results are summarized in Table 49.

6.15.2.4 Backfill Activities

Each of the remedial excavations completed in Cleanup Action Area 10 were backfilled to the existing grade using clean excess soil that was removed from Cleanup Action Area 3. Backfilling was conducted in accordance with the backfilling procedures outlined in Appendix A.

6.16 GROUNDWATER RESULTS

6.16.1 Previous Groundwater Results

As described in Section 3.2.1 of this report, groundwater monitoring and sampling events were completed in July 2005, February, July and August 2006 from all three groundwater monitoring wells. Groundwater samples were again collected from monitoring well MW-2 in November 2006, as requested by Ecology. The purpose of the November 2006 groundwater sampling event was to further evaluate groundwater conditions beneath the site, and based on the results, evaluate the need for additional monitoring and sampling.

The results of the previous groundwater monitoring and sampling events indicated that groundwater beneath the project site was not impacted by site-related chemicals, including petroleum hydrocarbons, VOCs, SVOCs, PAHs, PCBs and metals. Although certain total metals from representative groundwater samples were detected above laboratory MRLs, the concentrations do not exceed MTCA cleanup levels, and concentrations are consistent with naturally occurring regional groundwater background concentrations. Further, petroleum hydrocarbons, VOCs, PAHs, and PCBs were not detected above laboratory MRLs in the grab groundwater sample collected from the perched zone during drilling of monitoring well MW-2.

In light of the previously unknown drainage feature and the presence of F-listed waste (most notably PCE) encountered at Cleanup Action Area 2, Ecology requested another round of groundwater monitoring and sampling occur from all three existing monitoring wells to include analysis for the full suite of constituents that had been analyzed in previous sampling events, plus pesticides.

6.16.2 Recent Groundwater Results

6.16.2.1 Groundwater Conditions

Depths to groundwater relative to the monitoring well casing rims were measured on May 12, 2008, using an electronic water-level indicator. The electronic water-level indicator was decontaminated with Alconox solution wash and a distilled water rinse prior to use in each well. Groundwater elevations were calculated by subtracting the water table depth from the surveyed casing rim elevations. The well casing and groundwater elevation data are presented in Table 50. The potentiometric groundwater surface elevation contour map interpreted from the May 12, 2008 data is shown on Figure 2.

Based on the April 2008 monitoring data, the inferred groundwater flow direction is toward the south-southwest at a gradient of approximately 0.003 foot/foot. This inferred flow direction is inconsistent with those determined during the previous monitoring events (previously south-southeast).

6.16.2.2 Groundwater Sampling

Groundwater samples were collected from all three of the monitoring wells on May 12, 2008. Each groundwater sample was collected using a submersible bladder pump with disposable tubing. The sampling followed standard protocol for low-flow purging and sampling (U.S. EPA 1996). Non-disposable sampling equipment, including the submersible bladder pump, was decontaminated before each sample was collected. Purging continued until the following parameters stabilized as indicated:

- pH +/- 0.1 unit
- temperature +/- 1 degree Celsius
- specific conductance +/- 3 percent ohm-cm
- dissolved oxygen +/- 10 percent mg/L
- ORP +/- 10 mV
- Turbidity +/- 10 percent NTUs

The groundwater samples were transferred in the field to laboratory-prepared sample containers and kept cool during transport to the testing laboratory. The sample containers were filled completely to eliminate headspace in the container. Chain-of-custody procedures were observed during transport of the groundwater samples to the testing laboratory

Purge water generated during the May 12, 2008 purging and sampling activities was placed in secured and labeled 55-gallon drums and will be transported to a recycling facility at a later date. Groundwater sampling procedures are presented in Appendix A.

6.16.2.3 Groundwater Analytical Results

The groundwater samples were submitted for the analysis listed in Section 6.3 of this report. Samples collected for dissolved metals were filtered in the field using a 0.45 micron filter. The chemical analytical results for the groundwater samples are summarized in Tables 51 through 57. Petroleum hydrocarbons, VOCs, SVOCs, PAHs, PCBs, pesticides, and dissolved metals were not detected in any of the groundwater samples submitted for analysis. The only total metal detected was zinc in monitoring well MW-3 at a concentration of 5.72 mg/L, which is significantly less than the corresponding Method B protective value of 4,800 mg/L.

The results of the May 12, 2008 groundwater monitoring and sampling event are consistent with the results of previous events. The data indicate that site-related chemicals, including PCE, have not impacted groundwater beneath the project site. Based on the groundwater results to date (particularly the absence of VOCs, including PCE), it is our opinion that further groundwater investigation or continued monitoring and sampling is not warranted based on the following:

- PCE-impacted soil is limited in extent and is not present in the samples collected approximately 2 and 4 feet beneath the sample that exhibited the presence of PCE.
- PCE was not detected in soil samples collected at depths of 90 and 175 feet BGS during installation of monitoring well MW-2, located only approximately 40 feet southwest of the formerly buried drums.
- PCE was not detected in shallow perched water (encountered at approximately 86 feet BGS) in monitoring well MW-2.

- PCE was not detected in any of the groundwater samples collected from monitoring well MW-2 during any of the previous monitoring events.
- The concentration of PCE detected in sample "GeoDesign 4808-001" is less than the Method B protective value for direct contact (1.9 mg/Kg).
- Based on the concentration of PCE detected in the soil (0.190 mg/Kg), the leaching concentration of PCE would not exceed 10 times the MTCA Method A groundwater cleanup level for PCE (0.050 mg/L) and would be less than the Method B non-carcinogenic groundwater protective value for PCE (0.08 mg/L) using an approximate 20-fold dilution.

7.0 CONCLUSIONS

7.1 SUMMARY

Based on the results of confirmation soil samples collected from the limits of the remedial excavations, the following can be concluded for each Cleanup Action Area:

Cleanup Action Areas 1A, 1B, 1C, and 1D

In accordance with the Ecology-approved Final Proposed Cleanup Action Work Plan, confirmation soil samples collected from Cleanup Action Areas 1A, 1B, 1C, and 1D were analyzed for diesel- and heavy oil-range hydrocarbons, cadmium, chromium, and lead.

In general, the vertical depth of impacted soil identified in the hanger units was limited to the upper 1 foot of soil, with the exception of one isolated area of Cleanup Action Area 1A, one isolated area of Cleanup Action Area 1B and four isolated areas of Cleanup Action Area 1D, which required overexcavation to depths up to 2 feet BGS. The results of the confirmation soil samples collected from the sidewalls (if greater than 1 foot in depth) and base of the final excavation limits indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

Cadmium was not detected in any of the confirmation soil samples collected from the final excavation limits at Cleanup Action Areas 1A, 1B, 1C and 1D. Chromium and lead were detected in several of the confirmation soil samples collected from the final excavation limits at concentrations less than corresponding MTCA Method A cleanup levels.

Cleanup Action Area 2

The planned analytical program outlined in the Ecology-approved Final Proposed Cleanup Action Work Plan for Cleanup Action Area 2 was amended due to the presence of a previously unknown drainage feature that was encountered beneath the concrete floor slab, adjacent to the underground sump. Based on the characterization results of the soil surrounding the sump and previously unknown drainage feature and the historical characterization data from the liquid previously identified within the sump, the confirmation soil samples collected from the final excavation limits associated with the sump and drainage feature and gutter and settlement cells were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, pesticides, PCBs, and metals. The confirmation soil samples collected during the dry well decommissioning activities and beneath the cistern were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals. The confirmation soil samples collected beneath the removed ASTs were analyzed for petroleum hydrocarbons.

The results of the confirmation soil samples that were collected from the sidewalls and base of the final excavation limits associated with the sump and drainage feature and gutter and settlement cells (with the exception of confirmation soil samples CAA-2-23ox[11.0-11.5] and CAA-2-24ox[10.5-11.0]) indicate that the impacted soil was successfully removed and transported to Hillsboro Landfill for disposal, in accordance with Ecology's Contained-In determination. Although concentrations of select SVOCs and PCBs detected in samples CAA-2-23ox(11.0-11.5) and CAA-2-24ox(10.5-11.0) were less than corresponding MTCA screening criteria, further overexcavation activities were completed on June 3, 2008 in an attempt to remove the impacted soil represented by these two samples. The results of the overexcavation activities will be provided in a forthcoming report. The results of the confirmation soil samples collected from the sidewalls and base of the final excavation limits associated with the ASTs indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

With the exception of cadmium in four soil samples, total metals concentrations detected in confirmation soil samples collected from the final limits of the remedial excavation associated with the sump and drainage feature and gutter and settlement cells were less than corresponding MTCA screening criteria and less than natural background concentrations in surficial soil in Clark County (Ecology, 1994). Confirmation soil sample CAA-2-22(10.5-11.0), collected from the final base of the excavation associated with the sump and drainage feature, and CAA-2-28(4.5-5.0), collected from the final base of the excavation associated with the gutter and settlement cells, exhibited the highest cadmium concentrations of 7.72 mg/Kg and 6.37 mg/Kg, respectively, which exceed the MTCA Method A cleanup level of 2.0 mg/Kg, but not the Method B protective level of 80.0 mg/Kg. Since the MTCA Method A cleanup level is based on protection of groundwater for drinking water use, the SPLP procedure in WAC 173-340-747(7) for samples CAA-2-22(10.5-11.0) and CAA-2-28(4.5-5.0) was analyzed. The resulting leaching test effluent concentrations are less than the reporting limit of 0.01 mg/L. This reporting limit is less than 10 times the applicable groundwater cleanup level for cadmium (0.050 mg/L). Therefore, the resulting leaching test effluent concentrations are considered protective of groundwater. Additionally, cadmium was not detected in the groundwater samples collected from any of the monitoring wells. Based on this information, the cadmium-impacted soil beneath the former sump and drainage feature and gutter and settlement cells does not present unacceptable risk to human health.

Cleanup Action Area 3

In accordance with the Ecology-approved Final Proposed Cleanup Action Work Plan, confirmation soil samples collected from the fueling area at Cleanup Action Area 3 were analyzed for gasoline-, diesel- and heavy oil-range hydrocarbons, BETX, TBA, TAME, ETBE, ethanol and methanol, and total lead. Additionally, confirmation soil samples collected during the dry well decommissioning activities and beneath the associated piping were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals.

In general, the vertical depth of impacted soil at the former fueling area ranged from 15.5 to 16.5 feet BGS. The results of the confirmation soil samples collected from the sidewalls and base of the final excavation limits indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Additionally, the results of the confirmation soil samples collected from base of the over-excavated material during the dry well decommissioning activities and beneath the associated piping indicate that contaminated soil was successfully removed and transported to Hillsboro Landfill for disposal.

Cleanup Action Area 4

In accordance with the Ecology-approved Final Proposed Cleanup Action Work Plan, confirmation soil samples collected from the excavation south of the former paint booth at Cleanup Action Area 4 were analyzed for total cadmium. Additionally, confirmation soil samples collected during the dry well decommissioning activities and beneath the associated piping were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs and metals.

In general, the vertical depth of the cadmium-impacted soil south of the former paint booth was approximately 3.5 feet BGS. The results of the confirmation soil samples collected from the sidewalls and base of the final excavation limits indicate that the cadmium-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Additionally, the results of the confirmation soil samples collected from base of the overexcavated material during the dry well decommissioning activities and beneath the associated piping (with the exception of soil represented by sample Piping-14ox(1.5-2.0), indicate that contaminated soil was successfully removed and transported to Hillsboro Landfill for disposal. Acetone was detected at a concentration of 67 µg/Kg in sample Piping-14ox(1.5-2.0). This detected concentration is significantly less than the corresponding Method B protective value of 8,000,000 µg/Kg.

Cleanup Action Area 5

In accordance with the Ecology-approved Final Proposed Cleanup Action Work Plan, the confirmation soil sample collected from the excavation associated with the former drum storage area was analyzed for diesel- and heavy oil-range hydrocarbons and cadmium, chromium, and lead. Additionally, confirmation soil samples collected from the excavation associated with the bottomless septic tank, during the dry well decommissioning activities and beneath the associated piping were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals.

The results of the confirmation soil sample collected from the final excavation limits associated with the drum storage area, bottomless septic tank, and dry well and piping decommissioning activities (with the exception of soil represented by sample Piping-17ox(2.0-2.5)indicate that the impacted soil was successfully removed and transported to Hillsboro Landfill for disposal. Acetone was detected at a concentration of 89 µg/Kg in sample Piping-17ox(2.0-2.5), which is significantly less than the corresponding Method B protective value of 8,000,000 µg/Kg.

Some metals, including arsenic, cadmium, chromium, copper, lead zinc and mercury were detected in several of the confirmation soil samples collected from the final excavation limits at concentrations less than corresponding MTCA screening criteria.

Cleanup Action Area 6

Based on the March 2008 supplemental characterization activities, the Ecology-approved Final Proposed Cleanup Action Work Plan was amended due to the presence of PAH-impacted soil in the vicinity of a septic distribution box that was encountered during septic tank decommissioning activities. Additionally, a french drain feature was identified in this area. Confirmation soil samples collected from excavations associated with these features and beneath the piping were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals.

The results of the confirmation soil sample collected from the final excavation limits associated with the distribution box, the french drain feature, and piping decommissioning activities indicate that the impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

Some metals, including arsenic, chromium, copper, lead, zinc and mercury were detected in several of the confirmation soil samples collected from the final excavation limits at concentrations less than corresponding MTCA screening criteria.

Cleanup Action Area 7

During the planned cleanup actions, a surface drain feature was observed at a topographical low area immediately north of hangar unit no. 15 of Hangar Building No. 2. This surface drain feature was identified as Cleanup Action Area 7 and confirmation soil samples collected from the excavation associated with removal of the feature were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals.

The vertical depth of the excavation associated with the surface drain feature was approximately 4 feet BGS. The results of the confirmation soil sample collected from the final excavation limits associated with removal of the surface drain feature indicate that the impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

Some metals, including arsenic, chromium, copper, lead, and zinc were detected in each of the soil samples collected from the final excavation limits at concentrations less than corresponding MTCA screening criteria.

Cleanup Action Area 8

During demolition of the Evergreen Flight Service Building, a 55-gallon drum of red paint that was hidden within a thicket of blackberry bushes was encountered. The drum was inadvertently punctured and a small quantity (estimated 1 to 3 gallons) of red paint spilled onto the surface of the soil. A separate stain of red paint was observed immediately adjacent to the spill area. This stain was presumably from the same drum, appeared to have happened sometime previously. These isolated surface spills of red paint were identified as Cleanup Action Area 8. Included in this area are the three former ASTs. Confirmation soil samples collected from the excavation associated with removal of the spilled paint were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals. Confirmation soil samples collected from beneath the ASTs were analyzed for petroleum hydrocarbons.

The results of the confirmation soil samples collected from the sidewalls and base of the final excavation limits associated with the spilled paint indicate that the impacted soil associated with the spilled paint was successfully removed and transported to Hillsboro Landfill for disposal, in accordance with Ecology's Contained-In determination. The results of the confirmation soil samples collected from the sidewalls and base of the final excavation limits associated with the ASTs also indicate that the petroleum-impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

Some metals, including arsenic, chromium, copper, lead, mercury, and zinc were detected in each of the soil samples collected from the final excavation limits at concentrations less than corresponding MTCA screening criteria.

Cleanup Action Area 9

After demolition of the Aurora Avionics and Lights building, a dry well associated with the former restroom inside the building was encountered and subsequently decommissioned. This dry well feature was identified as Cleanup Action Area 9 and confirmation soil samples collected from the excavation associated with the dry well and piping decommissioning activities were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals.

The results of the confirmation soil samples collected from the final excavation limits associated with the dry well and piping decommissioning activities indicate that the impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

Some metals, including arsenic, chromium, copper, lead, and zinc were detected in each of the soil samples collected from the final excavation limits at concentrations less than corresponding MTCA screening criteria.

Cleanup Action Area 10

The suspected drywell feature positively identified at the former Northwest Antique Aircraft Club during the cleanup actions was identified as Cleanup Action Area 10. Confirmation soil samples collected from the excavation associated with the dry well and associated piping decommissioning activities were analyzed for petroleum hydrocarbons, VOCs, SVOCs, PAHs, and metals.

The results of the confirmation soil samples collected from the final excavation limits associated with the dry well and piping decommissioning activities indicate that the impacted soil was successfully removed and transported to Hillsboro Landfill for disposal.

Some metals, including arsenic, chromium, copper, lead, and zinc were detected in each of the soil samples collected from the final excavation limits at concentrations less than corresponding MTCA screening criteria.

7.2 REQUEST FOR NFA OPINION

GeoDesign is currently entering all of the data into Ecology's EIM system, as required under WAC 173-340-840(5). Once Ecology has completed its review of this report, and the data has been entered, we respectively request Ecology to provide an Opinion on the completed cleanup actions. As described in Section 6.7.2.1 of this report, further overexcavation activities have been completed at Cleanup Action Area 2. The results of these overexcavation activities will be provided in a forthcoming report. The most recent overexcavation activities at Cleanup Action Area 2 were conducted in an attempt to remove all residually impacted soil, even though the current residual concentrations do not exceed MTCA screening criteria. Therefore, a completed "Request for Opinion Form" is enclosed with this report. In our opinion, the current soil and groundwater data presented in this report warrant an Opinion of "No Further Action" for both soil and groundwater.

♦ ♦ ♦

We appreciate the opportunity to work with you on this project. Please call if you have questions concerning the information submitted.

Sincerely,

GeoDesign, Inc.

State of Washington
29940
Licensed Geologist
KYLE RAYMOND SATTLER

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ACRONYMS

ACRONYMS

AASHTO	American Association of State Highway and Transportation Officials
ACM	asbestos-containing material
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BGS	below the ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CSCSL	Confirmed and Suspected Contaminated Sites List
DDT	dichlorodiphenyltrichloroethane
Ecology	Washington State Department of Ecology
EDB	1,2-dibromoethane
EDC	1,2-dichloroethane
EIM	Environmental Information Management
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
ETBE	ethyl tertiary butyl ether
FINDS	Facilities Index System
GPS	global positioning system
HCID	hydrocarbon identification
HRS	Hazard Ranking Score
HS	heavy sheen
I.D.	identification
MDL	method detection limit
mg/Kg	milligrams per kilogram
mg/L	milligrams per liter
mil	milli-inch
MRL	method reporting limit
MS	moderate sheen
MSL	mean sea level
MTCA	Model Toxics Control Act
mV	millivolt
NA	not applicable or not analyzed
NE	not established
NFA	No Further Action
NS	no sheen
NTU	nephelonetric turbidity unit
ohm-cm	ohm-centimeter
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachlorethene
PID	photoionization detector

ppm	parts per million
QA	quality assurance
QC	quality control
SPLP	Synthetic Precipitation Leaching Procedure
SS	slight sheen
SVOC	semi-volatile cleanup program
TAME	tertiary-amyl-ether
TBA	tertiary butyl alcohol
TPH	total petroleum hydrocarbon
TSD	Transfer, Storage, and Disposal
µg/Kg	micrograms per kilogram
UIC	underground injection control
UST	underground storage tank
VCP	Voluntary Cleanup Program
VOA	volatile organic analysis
VOC	volatile organic compound
WAC	Washington Administrative Code
WSDOT	Washington State Department of Transportation

TABLES

TABLE 1
Sampling and Analysis Plan
The Village at Evergreen
Vancouver, Washington

	Cleanup Action Area	1A	1B	1C	1D	2 (Roberston's Paint Shop)				
	Physical Feature	Hanger Bldg 1	Hanger Bldg 2	Hanger Bldg 3	Hanger Bldg 4	Underground Sump	Wastewater Settlement Cells & Gutter	Cistern	Dry Well	2 ASTs
	Number and Location of Final Confirmation Soil Samples	4-Base, 4-Sidewall	6-Base, 4-Sidewall	7-Base	7-Base, 16-Sidewall	2-Base, 8-Sidewall	4-Base, 8-Sidewall	1-Base	1-Base, 1-Sediment	1- Base, 4-Sidewall
Analytical Parameter	Analytical Method									
Semi Volatile Organic Compounds (SVOCs)	EPA 8270C					SVOCs	SVOCs	SVOCs	SVOCs	
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270M-SIM					PAHs	PAHs	PAHs	PAHs	
Volatile Organic Compounds (VOCs)	EPA 8260B/5035					VOCs	VOCs	VOCs	VOCs	
Pesticides	EPA Method 8081A					Pesticides	Pesticides			
PCBs	EPA Method 8082					PCBs	PCBs			
Metals	EPA 6000/7000	Cd, Cr, and Pb				As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	
Mercury (Hg)	EPA 7470A/7471A					Hg	Hg	Hg	Hg	
Synthetic Precipitation Leaching Process (SPLP)	EPA 1312					SPLP on Cd				
Total Petroleum Hydrocarbons - Hydrocarbon Identification	TPH-HCID					TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID
Total Petroleum Hydrocarbons - Gasoline-Range Organics	TPH-Gx					Hold pending TPH-HCID				
Total Petroleum Hydrocarbons - Diesel-Range Organics	TPH-Dx	TPH-Dx				Hold pending TPH-HCID				

TABLE 1
Sampling and Analysis Plan
The Village at Evergreen
Vancouver, Washington

	Cleanup Action Area	3			4		5			6		
	Physical Feature	Fueling Area	Active Dry Well & Piping	Abandoned Dry Well	Dry Well & Piping	South of Paint Booth	Used Oil Drum Storage	Bottomless Septic Tank	Dry Well & Piping	Septic Distribution Box	French Drain	Piping
	Number and Location of Final Confirmation Soil Samples	12-Base/26-sidewall	1-Base, 1-Sediment, Beneath Piping = 1/20ft	1-Base, 1-Fill Soil	1-Base, 1-Sediment, Beneath Piping = 1/20ft	2-Base, 4-Sidewall	1-Base	1-Base	1-Base, 1-Sediment, Beneath Piping = 1/20ft	1-Base/4-sidewall	1-Base, 1-Beneath Drain Line	Beneath Piping = 1/20ft
Analytical Parameter	Analytical Method											
Semi Volatile Organic Compounds (SVOCs)	EPA 8270C		SVOCs	SVOCs	SVOCs			SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270M-SIM		PAHs	PAHs	PAHs			PAHs	PAHs	PAHs	PAHs	PAHs
Volatile Organic Compounds (VOCs)	EPA 8260B/5035	BETX, TBA, TAME, ETBE, Ethanol,	VOCs	VOCs	VOCs			VOCs	VOCs	VOCs	VOCs	VOCs
Pesticides	EPA Method 8081A											
PCBs	EPA Method 8082											
Metals	EPA 6000/7000	Pb	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	Cd	Cd, Cr, and Pb	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn
Mercury (Hg)	EPA 7470A/7471A		Hg	Hg	Hg			Hg	Hg	Hg	Hg	Hg
Synthetic Precipitation Leaching Process (SPLP)	EPA 1312											
Total Petroleum Hydrocarbons - Hydrocarbon Identification	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID			TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID
Total Petroleum Hydrocarbons - Gasoline-Range Organics	TPH-Gx	TPH-Gx	Hold pending TPH-HCID		Hold pending TPH-HCID			Hold pending TPH-HCID		Hold pending TPH-HCID		
Total Petroleum Hydrocarbons - Diesel-Range Organics	TPH-Dx	TPH-Dx	Hold pending TPH-HCID		Hold pending TPH-HCID		TPH-Dx	Hold pending TPH-HCID		Hold pending TPH-HCID		

TABLE 1
Sampling and Analysis Plan
The Village at Evergreen
Vancouver, Washington

	Cleanup Action Area	7	8		9	10	Monitoring Wells		
	Physical Feature	Surface Drain Feature	3 ASTs	Spilled Paint	Dry Well & Piping	Dry Well & Piping			
	Number and Location of Final Confirmation Soil Samples	2-Base/4-sidewall	1-Base/4-sidewall	1-Base/4-sidewall	1-Base, 1-Sediment, Beneath Piping = 1/20ft	1-Base, 1-Sediment, Beneath Piping = 1/20ft	MW-1	MW-2	MW-3
Analytical Parameter	Analytical Method								
Semi Volatile Organic Compounds (SVOCs)	EPA 8270C	SVOCs		SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270M-SIM	PAHs		PAHs	PAHs	PAHs	PAHs	PAHs	PAHs
Volatile Organic Compounds (VOCs)	EPA 8260B/5035	VOCs		VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Pesticides	EPA Method 8081A						Pesticides	Pesticides	Pesticides
PCBs	EPA Method 8082						PCBs	PCBs	PCBs
Metals	EPA 6000/7000	As, Cd, Cr, Pb, Zn, Cu, and Sn		As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn
Mercury (Hg)	EPA 7470A/7471A	Hg		Hg	Hg	Hg	Hg	Hg	Hg
Synthetic Precipitation Leaching Process (SPLP)	EPA 1312								
Total Petroleum Hydrocarbons - Hydrocarbon Identification	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID
Total Petroleum Hydrocarbons - Gasoline-Range Organics	TPH-Gx	Hold pending TPH-HCID	Hold pending TPH-HCID		Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID
Total Petroleum Hydrocarbons - Diesel-Range Organics	TPH-Dx	Hold pending TPH-HCID	Hold pending TPH-HCID		Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID

Notes:
BETX = Benzene, Ethylbenzene, Toluene, Xylenes; TBA = Tertiary-butyl alcohol; TAME = Tertiary-amyl methyl ether; ETBE = Ethyl tertiary-butyl ether.
Metals: As = Arsenic; Cd = Cadmium; Cr = Chromium; Pb = Lead; Zn = Zinc; Cu = Copper; Sn = Tin; Hg = Mercury.
Base : Base of floor of the excavation
sidewall: Side wall of the excavation
TPH-Dx = total petroleum hydrocarbons as diesel
TPH-Gx = total petroleum hydrocarbons as gasoline
TPH-HCID = total petroleum hydrocarbons as hydrocarbon identification

TABLE 2
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons and Metals
The Village at Evergreen
Cleanup Action Areas 1A, 1B, 1C, and 1D
Vancouver, Washington

Sample Identification	Date	Location of Sample (Base or Sidewall)	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)			
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Cadmium	Total Chromium	Hexavalent Chromium	Lead
Cleanup Action Area 1A (Hangar Building No. 1)															
H1-11(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	37.1 U	74.2 U	1.25 U	**14.8**	0.4 U	**8.83**
H1-9(0.5-1.0	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	34.4 U	68.9 U	1.25 U	**17.2**	0.4 U	**7.53**
H1-8(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	33.2 U	66.4 U	1.32 U	**19.7**	0.4 U	**11.3**
H1-4-1(2.0-2.5)	03/31/08	Base	2-2.5	0.0	NS	NA	NA	NA	NA	28.6 U	57.2 U	1.31 U	**14**	0.4 U	**5.39**
H1-4-2(1.5-2.0)	03/31/08	Sidewall	1.5-2	0.0	NS	NA	NA	NA	NA	36.5 U	73.0 U	1.27 U	**14.6**	0.4 U	**8.69**
H1-4-3(1.5-2.0)	03/31/08	Sidewall	1.5-2	0.0	NS	NA	NA	NA	NA	30.7 U	61.4 U	1.25 U	**15.1**	0.4 U	**6.65**
H1-4-4(1.5-2.0)	03/31/08	Sidewall	1.5-2	0.0	NS	NA	NA	NA	NA	28.7 U	57.4	1.26 U	**22.3**	0.4 U	**6.97**
H1-4-5(1.5-2.0)	03/31/08	Sidewall	1.5-2	1.0	NS	NA	NA	NA	NA	31.1 U	62.7 U	1.26 U	**6.92**	0.4 U	**6.92**
Cleanup Action Area 1B (Hangar Building No. 2)															
H2-12(0.5-1.0	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	32.3 U	64.5 U	1.28 U	**13.6**	0.4 U	**9.74**
H2-20(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	38.8 U	77.6 U	1.36 U	**12.9**	0.4 U	**6.47**
H2-18(0.5-1.0)[1]	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	31.0 U	**88.7**	1.18 U	**16.2**	0.4 U	**9.40**
H2-18-1(2.0-2.5)	04/07/08	Base	2.0-2.5	0.8	NS	NA	NA	NA	NA	34.4 U	68.7 U	1.34 U	**3.39**	NA	**3.60**
H2-18-2(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	1	NS	NA	NA	NA	NA	24.7 U	49.3 U	1.30 U	**3.14**	NA	**3.86**
H2-18-3(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	1.5	NS	NA	NA	NA	NA	25.6 U	51.2 U	1.26 U	**2.81**	NA	**4.16**
H2-18-4(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.8	NS	NA	NA	NA	NA	33.6 U	67.2 U	1.30 U	2.61 U	NA	**3.96**
H2-18-5(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	2	NS	NA	NA	NA	NA	32.6 U	65.1 U	1.13 U	**2.44**	NA	**2.91**
H2-15(0.5-1.0	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	36.8 U	73.6 U	1.37 U	**16.7**	0.4 U	**10.7**
H2-17(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	35.3 U	70.6 U	1.14 U	**12.2**	0.4 U	**7.39**
H2-13 (0.5-0.75)	04/18/08	Base	0.5-0.75	0.0	NS	NA	NA	NA	NA	25.6 U	51.2 U	1.43 U	**15.2**	NA	**8.60**
Cleanup Action Area 1C (Hangar Building No. 3)															
H3-26 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	26.4 U	52.9 U	1.08 U	**15.9**	0.4 U	**6.4**
H3-29a (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	25.8 U	51.7 U	1.16 U	**18.7**	0.4 U	**8.01**
H3-29b (0.5-1.0)	03/24/08	Base	0.5-1.0	2.5	NS	NA	NA	NA	NA	25.1 U	50.3 U	1.26 U	**18.1**	0.4 U	**7.21**
H3-31a (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	30.0 U	59.9 U	1.12 U	**17.0**	0.4 U	**7.09**
H3-31b (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	26.6 U	53.2 U	1.30 U	**18.3**	0.4 U	**7.12**
H3-23 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	23.7 U	47.4 U	1.28 U	**15.8**	0.4 U	**94.0**
H3-32 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	30.4 U	60.8 U	1.30 U	**16.0**	0.4 U	**8.23**
Cleanup Action Area 1D (Hangar Building No. 4)															
H4-37(0.5-1.0)[1]	03/24/08	Base	0.5-1.0	3.6	NS	NA	NA	NA	NA	28.0 U	**140**	**1.31**	**21.1**	0.4 U	**16.3**
Dup-2[1]	03/24/08	H4-37 Duplicate	0.5-1.0	3.6	NS	NA	NA	NA	NA	32.8 U	**115**	1.46 U	**2.93**	0.4 U	**1.46**
H4-37-1(1.5-2.0)	04/07/08	Base	1.5-2.0	0.9	NS	NA	NA	NA	NA	26.2 U	52.5 U	1.31 U	**16.2**	NA	**6.67**
H4-37-2(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.4	NS	NA	NA	NA	NA	29.3 U	58.7 U	1.47 U	**16.6**	NA	**6.68**
H4-37-3(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.7	NS	NA	NA	NA	NA	30.9 U	61.9 U	1.21 U	**2.94**	NA	**3.25**
H4-37-4(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.6	NS	NA	NA	NA	NA	32.1 U	64.2 U	1.36 U	2.71 U	NA	**2.60**
H4-37-5(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	33.2 U	66.3 U	1.39 U	**3.17**	NA	**3.70**
H4-47 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.7	NS	NA	NA	NA	NA	33.1 U	66.2 U	1.11 U	**12.2**	0.4 U	**9.31**
H4-36 (0.5-1.0)[1]	03/24/08	Base	0.5-1.0	0.7	NS	NA	NA	NA	NA	**41.0**	**333**	1.28 U	**14.0**	0.4 U	**18**
H4-36-1(1.5-2.0)	04/07/08	Base	1.5-2.0	0.1	NS	NA	NA	NA	NA	26.7 U	53.3 U	1.19 U	**2.67**	NA	**2.91**
H4-36-2(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	26.9 U	53.9 U	1.38 U	2.76 U	NA	**2.96**
H4-36-3(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	27.4 U	54.7 U	1.39 U	2.77 U	NA	**2.87**

TABLE 2
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons and Metals
The Village at Evergreen
Cleanup Action Areas 1A, 1B, 1C, and 1D
Vancouver, Washington

Sample Identification	Date	Location of Sample (Base or Sidewall)	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)			
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Cadmium	Total Chromium	Hexavalent Chromium	Lead
H4-36-4(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.3	NS	NA	NA	NA	NA	26.5 U	53.1 U	1.37 U	2.74 U	NA	**2.04**
H4-36-5(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	30.0 U	60.0 U	1.28 U	**2.66**	NA	**2.92**
H4-40 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	32.3 U	64.5 U	1.12 U	**12.2**	0.4 U	**6.52**
H4-41 (0.5-1.0)[1]	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	29.8 U	**158**	1.23 U	**15.8**	0.4 U	**10.6**
H4-41-1(2.0-2.5)	04/07/08	Base	2.0-2.5	0.5	NS	NA	NA	NA	NA	33.0 U	66.1 U	1.22 U	**12.8**	NA	**5.90**
H4-41-2(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.3	NS	NA	NA	NA	NA	27.6 U	55.1 U	1.20 U	**15.4**	NA	**6.83**
H4-41-3(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.6	NS	NA	NA	NA	NA	29.8 U	59.6 U	1.31 U	**15.8**	NA	**6.07**
H4-41-4(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.5	NS	NA	NA	NA	NA	26.1 U	52.1 U	1.23 U	**15.2**	NA	**6.39**
H4-41-5(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.3	NS	NA	NA	NA	NA	32.7 U	65.3 U	1.37 U	**13.5**	NA	**6.39**
Dup-4	04/07/08	H4-41-5 Duplicate	1.5-2.0	0.3	NS	NA	NA	NA	NA	35.3 U	70.5 U	1.35 U	**13.6**	NA	**6.81**
H4-34 (0.5-1.0)[1]	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	29.5 U	**88.4**	1.18 U	**14.5**	0.4 U	**10.2**
H4-34-1(2.0-2.5)	04/07/08	Base	2.0-2.5	0.1	NS	NA	NA	NA	NA	27.5 U	54.9 U	1.24 U	**2.72**	NA	**3.17**
H4-34-2(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.2	NS	NA	NA	NA	NA	30.1 U	60.3 U	1.35 U	2.70 U	NA	**2.47**
H4-34-3(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.2	NS	NA	NA	NA	NA	31.5 U	63.0 U	1.27 U	**3.16**	NA	**4.24**
H4-34-4(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.4	NS	NA	NA	NA	NA	31.7 U	63.3 U	1.23 U	**3.22**	NA	**3.54**
H4-34-5(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.3	NS	NA	NA	NA	NA	30.5 U	61.0 U	1.37 U	**3.31**	NA	**4.39**
H4-42(0.5-1.0)	04/11/08	Base	0.5-1.0	0.1	NS	NA	NA	NA	NA	20.5 U	41.1 U	1.24 U	**14.9**	NA	**8.37**
MTCA Method A Cleanup Level			NA	NA	NE	NE	NE	NE	100	2,000	2,000	2	2,000	19	250

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated diesel- and/or heavy oil-range hydrocarbons.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.
DET: Compound was detected at or above the laboratoy MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A Cleanup Level.

TABLE 3
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Drainage Feature / Sump											
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	Sidewall	0.0	NS	21.5 U	53.6 U	107 U	NA	NA	NA
CAA-2-15(4-4.5)	04/18/08	4-4.5	Sidewall	0.0	NS	19.5 U	48.8 U	97.6 U	NA	NA	NA
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	1.2	NS	20.4 U	51.0 U	102 U	NA	NA	NA
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	Sidewall	0.2	NS	20.9 U	52.3 U	105 U	NA	NA	NA
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	0.1	NS	20.5 U	51.3 U	103 U	NA	NA	NA
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	Sidewall	0.1	NS	21.9 U	54.6 U	109 U	NA	NA	NA
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	Sidewall	0.2	NS	21.1 U	52.9 U	106 U	NA	NA	NA
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	Sidewall	0.3	NS	21.0 U	52.5 U	**335**[3]	NA	NA	NA
CAA-2-23ox(11.0-11.5)	06/05/01	11.0-11.5	Sidewall	NA	NA	NA	NA	NA	NA	24.5 U	49.1U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	Sidewall	0.8	NS	21.8 U	54.5 U	**136**[3]	NA	NA	NA
CAA-2-24ox(10.5-11.0)[1]	05/22/08	10.5-11.0	Sidewall	NA	NA	NA	NA	NA	NA	**29.7**	**162**
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	Sidewall	0.7	NS	21.4 U	53.6 U	107 U	NA	NA	NA
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	Base	0.1	NS	21.1 U	52.7 U	**507**[3]	NA	NA	NA
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	Base	NA	NA	NA	NA	NA	NA	19.9 U	39.8 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	Base	0.1	NS	21.6 U	54.0 U	108 U	NA	NA	NA
Wastewater Settlement Cells & Gutter											
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	Base	0.6	NS	22.4 U	56.1 U	112 U	NA	NA	NA
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	Base	0.4	NS	21.3 U	53.4 U	107 U	NA	NA	NA
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	Base	0.9	NS	19.5 U	48.7 U	97.4 U	NA	NA	NA
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	1.0	NS	22.1 U	55.2 U	110 U	NA	NA	NA
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	Sidewall	1.0	NS	22.6 U	56.4 U	113 U	NA	NA	NA
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	Sidewall	0.7	NS	20.6 U	51.5 U	103 U	NA	NA	NA
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	Sidewall	0.5	NS	23.3 U	58.3 U	**Detected**	NA	25.5 U	51.0 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	Sidewall	0.3	NS	23.8 U	59.4 U	119 U	NA	NA	NA
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	1.0	NS	23.4 U	58.4 U	117 U	NA	NA	NA
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	Sidewall	0.7	NS	19.8 U	49.6 U	99.2 U	NA	NA	NA
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	Sidewall	0.6	NS	24.5 U	61.1 U	122 U	NA	NA	NA

TABLE 3
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Cistern											
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	Near Surface	0.5	NS	22.8 U	56.9 U	114 U	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	CAA-2-12 Duplicate	0.5	NS	22.9 U	57.2 U	114 U	NA	NA	NA
Dry Well											
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	Beneath Dry Well	NA	NA	18.6 U	46.5 U	93.1 U	NA	NA	NA
DrywellSeds-6	03/20/08	15-15.5	Sediment Within Dry Well	NA	NA	15.4 U	38.4 U	76.8 U	NA	NA	NA
Spoils Removed During Dry Well Decommissioning											
Stockpile-6[1]	03/20/08	NA	stockpile	NA	NA	22.1 U	55.2 U	110 U	NA	NA	NA
ASTs											
AST-1(0.5-0.75)[1]	04/09/08	0.5-0.75	Base	0.3	NS	22.8 U	**Dectected**	114 U	NA	NA	NA
AST-1ox (0.75-1)	04/18/08	0.75-1.0	Base	0	NS	21.7 U	54.2 U	108 U	NA	NA	NA
AST-2-1(6.0-6.5)	04/09/08	6.0-6.5	Base	1.1	NS	18.2 U	45.4 U	90.8 U	NA	NA	NA
AST-2-2(4.0-4.5)	04/09/08	4.0-4.5	Sidewall	0.6	NS	22.7 U	56.7 U	113 U	NA	NA	NA
AST-2-3(4.0-4.5)	04/09/08	4.0-4.5	Sidewall	0.5	NS	19.9 U	49.9 U	99.7 U	NA	NA	NA
AST-2-4(3.0-3.5)	04/09/08	3.0-3.5	Sidewall	0.3	NS	21.8 U	54.4 U	109 U	NA	NA	NA
AST-2-5(3.0-3.5)	04/09/08	3.0-3.5	Sidewall	0.4	NS	21.1 U	52.8 U	106 U	NA	NA	NA
MTCA Regulatory Criteria[2]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
Shading indicates detected concentration greater than the MTCA Method A Cleanup Level.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A cleanup level.

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)													
					Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Drainage Feature / Sump																		
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	58 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	62 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	51 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	**180**	11 U	**1.4**	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	63 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	**72**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	**88**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	52 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	**84**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
Wastewater Settlement Cells & Gutter																		
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	63 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	59 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Cistern																		
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
Dry Well																		
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	60 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
Spoils Removed During Dry Well Decommissioning																		
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	**35**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Stockpile-23	04/22/08	NA	NA	Stockpile	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
Stockpile-24	04/22/08	NA	NA	Stockpile	64 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	**220**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
MTCA Regulatory Criteria[3]					8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)														
					2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropar	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Drainage Feature / Sump																			
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	51 U	5.1 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	63 U	6.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	53 U	5.3 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	52 U	5.2 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
Wastewater Settlement Cells & Gutter																			
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	53 U	5.3 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	63 U	6.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Cistern																			
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U
Dry Well																			
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
Stockpile-23	04/22/08	NA	NA	Stockpile	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
Stockpile-24	04/22/08	NA	NA	Stockpile	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[3]					NE	160,000[4]	77,000[4]	NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)											
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene
Drainage Feature / Sump																
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Wastewater Settlement Cells & Gutter																
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Cistern																
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dry Well																
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-23	04/22/08	NA	NA	Stockpile	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-24	04/22/08	NA	NA	Stockpile	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[3]					800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	6,000	13,000[4]	NE

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)											
					p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluor
Drainage Feature / Sump																
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	1.2 U	12 U	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	1.2 U	12 U	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.0 U	10 U	NA	5.1 U	10 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	**30**	NA	**1600**	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	1.3 U	13 U	NA	6.3 U	13 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	1.1 U	11 U	NA	**5.9**	11 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	11 U	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	1.0 U	10 U	NA	5.2 U	10 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	1.1 U	**14**	NA	**7.2**	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
Wastewater Settlement Cells & Gutter																
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	11 U	NA	5.3 U	11 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.3 U	13 U	NA	6.3 U	13 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	12 U	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Cistern																
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	11 U	NA	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
Dry Well																
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	1.2 U	12 U	NA	6 U	12 U	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-23	04/22/08	NA	NA	Stockpile	1.1 U	11 U	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-24	04/22/08	NA	NA	Stockpile	1.3 U	13 U	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	1.2 U	**26**	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[2]					NE	48,000,000[3]	NE	20	NE	100	5,000	NE	33,000[4]	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)														
					Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Drainage Feature / Sump																			
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.4 U	3.4 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.8 U	3.8 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.1 U	3.1 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.1 U	3.1 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	**2.1**	1.1 U	**5.8**	**5.8**
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
Wastewater Settlement Cells & Gutter																			
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Cistern																			
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Dry Well																			
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Stockpile-23	04/22/08	NA	NA	Stockpile	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Stockpile-24	04/22/08	NA	NA	Stockpile	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	**1.5**	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
MTCA Regulatory Criteria[3]					50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:

1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2 All values are MTCA Method A cleanupl levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRLs. Each reporting limit is reported.

TABLE 5
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C (μg/Kg) Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Drainage Feature / Sump																					
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24ox(10.5-11.0)[2]	05/22/08	10.5-11.1	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Wastewater Settlement Cells & Gutter																					
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U	370 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	35 U	35 U	35 U	350 U	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U	350 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
CAA-2-6(2.0-2.5)[2]	04/10/08	2.0-2.5	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	42 U	42 U	42 U	420 U	42 U	42 U	42 U	42 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	42 U	42 U	420 U	420 U
CAA-2-7ox(2.0-2.5)	05/22/08	2.0-2.6	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10ox(1.5-2.0)	05/01/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Cistern																					
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dry Well																					
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
DrywellSeds-6	03/20/08	15-15.5	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																					
Stockpile-6[2]	03/20/08	NA	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U	370 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 5
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phthalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Drainage Feature / Sump																				
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	**800**	**390**	380 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**520**	360 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	**420**	**560**	350 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**940**	360 U
CAA-2-24ox(10.5-11.0)[2]	05/22/08	10.5-11.1	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	**450**	**660**	350 U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**430**	**620**	360 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Wastewater Settlement Cells & Gutter																				
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	350 U	35 U	35 U	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-6(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	420 U	42 U	42 U	420 U	420 U	420 U	420 U	42 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	**490**	420 U	420 U
CAA-2-7ox(2.0-2.5)	05/22/08	2.0-2.6	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	**730**	400 U	400 U
CAA-2-10ox(1.5-2.0)	05/01/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Cistern																				
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dry Well																				
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
DrywellSeds-6	03/20/08	15-15.5	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-6[2]	03/20/08	NA	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			80,000[4]	3,200,000[4]	3,200,000[4]	630[4]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 5
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C (µg/Kg) Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3-methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Drainage Feature / Sump																				
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	NA	NA	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	340 U	340 U	340 U	340 U	340 U	340 U	340 U	NA	NA	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24ox(10.5-11.0)[2]	05/22/08	10.5-11.1	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Wastewater Settlement Cells & Gutter																				
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	350 U	350 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-6(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	420 U	420 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-2-7ox(2.0-2.5)	05/22/08	2.0-2.6	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10ox(1.5-2.0)	05/01/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Cistern																				
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	NA	NA	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dry Well																				
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
DrywellSeds-6	03/20/08	15-15.5	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-6[2]	03/20/08	NA	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 6
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	EPA Method 8270C-SIM (µg/Kg)																	
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Drainage Feature / Sump																					
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	Sidewall	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	NA	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	Sidewall	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	NA	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	12.1[6] U	10.5[6] U	10.2[6] U	9.29[6] U	7.39[6] U	14.9[6] U	9.24[6] U	NA	12.9[6] U	9.24[6] U	14.5[6] U	11.3[6] U	12.0[6] U	12.7[6] U	12.7[6] U	16.2[6] U	9.86[6] U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	Sidewall	8.94[6] U	7.76[6] U	7.53[6] U	6.88[6] U	NA	11.0[6] U	6.85[6] U	NA	NA	6.85[6] U	NA	8.38[6] U	8.88[6] U	NA	9.40[6] U	12.0[6] U	7.30[6] U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	12.4[6] U	10.7[6] U	10.4[6] U	9.52[6] U	7.57[6] U	15.3[6] U	9.84[6] U	NA	13.2[6] U	9.48[6] U	14.9[6] U	11.6[6] U	12.3[6] U	13.0[6] U	13.0[6] U	16.6[6] U	10.1[6] U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	Sidewall	10.5[6] U	9.08[6] U	8.81[6] U	8.04[6] U	6.40[6] U	12.9[6] U	8.00[6] U	NA	11.1[6] U	8.00[6] U	12.6[6] U	9.80[6] U	10.4[6] U	11.0[6] U	11.0[6] U	14.0[6] U	8.54[6] U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	Sidewall	11.1[6] U	9.67[6] U	9.38[6] U	8.56[6] U	6.81[6] U	13.7[6] U	8.52[6] U	NA	11.9[6] U	8.52[6] U	13.4[6] U	10.4[6] U	11.1[6] U	11.7[6] U	11.7[6] U	15.0[6] U	9.09[6] U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	Sidewall	19.3[6] U	16.8[6] U	16.3[6] U	14.9[6] U	11.8[6] U	23.8[6] U	14.8[6] U	NA	20.6[6] U	14.8[6] U	23.2[6] U	18.1[6] U	19.2[6] U	20.3[6] U	20.3[6] U	25.9[6] U	15.8[6] U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	Sidewall	21.7[6] U	18.9[6] U	18.3[6] U	16.7[6] U	33.3[6] U	26.8[6] U	16.6[6] U	NA	57.9[6] U	16.6[6] U	65.3[6] U	20.4[6] U	21.6[6] U	57.1[6] U	22.9[6] U	29.2[6] U	17.8[6] U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	Sidewall	11.0[6] U	9.586 U	9.30[6] U	8.49[6] U	NA	13.6[6] U	8.45[6] U	NA	NA	8.45[6] U	NA	10.3[6] U	11.0[6] U	NA	11.6[6] U	14.8[6] U	9.01[6] U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	Base	198[6] U	172[6] U	167[6] U	153[6] U	121[6] U	245[6] U	152[6] U	NA	212[6] U	152[6] U	238[6] U	186[6] U	197[6] U	209[6] U	209[6] U	267[6] U	162[6] U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	Base	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	Base	46.9[6] U	40.7[6] U	39.5[6] U	36.1[6] U	28.7[6] U	57.8[6] U	35.9[6] U	NA	50.0[6] U	35.9[6] U	56.3[6] U	44.0[6] U	46.6[6] U	49.3[6] U	49.3[6] U	63.0[6] U	38.3[6] U
Wastewater Settlement Cells & Gutter																					
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	Base	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	Base	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	Base	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	Sidewall	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	Sidewall	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	Sidewall	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	Sidewall	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	**37.4**	30.8 U	30.8 U
CAA-2-8ox(2.5-3)	05/01/08	2.5-3.0	Sidewall	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	NA	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	Sidewall	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	Sidewall	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U
Cistern																					
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	Near Surface	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U
Dup-7	04/11/08	0.0-0.5	CAA-2-12 Duplicate	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U

TABLE 6
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	EPA Method 8270C-SIM (µg/Kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																				
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	Beneath Dry Well	40.5 U	40.5 U	40.5 U	40.5 U	40.5 U	40.5 U	40.5 U	NA	40.5 U	40.5 U	40.5 U	**61.0**	40.5 U	40.5 U	40.5 U	**46.3**	**52.4**
Drywell-6(21.5-22.0)	04/16/08	21.5-22.0	Beneath Dry Well	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U
DrywellSeds-6	03/20/08	15-15.5	Sediment Within Dry Well	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	NA	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-6	03/20/08	NA	Stockpile	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	NA	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U
MTCA Regulatory Criteria[3]				4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
6. MDL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported, unless noted.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 7
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)									SPLP Metals EPA Method 6020 (mg/L)
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	Cadmium
Drainage Feature / Sump												
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	**2.40**	1.35 U	**27.0**	0.4 U	**27.9**	**9.10**	6.73 U	**81.7**	0.108 U	NA
CAA-2-15(4-4.5)	04/18/08	4-4.5	**1.36**	1.17 U	**11.8**	NA	**31.9**	**5.53**	5.85 U	**67.1**	0.0936 U	NA
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	1.22 U	1.22 U	**2.95**	NA	**26.7**	**3.96**	6.08 U	**39.9**	0.0973 U	NA
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	**1.3**	**15.3**	**244**	NA	**30.3**	**12.0**	6.20 U	**268**	0.0991 U	NA
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	1.28 U	1.28 U	**7.42**	NA	**32.7**	**5.72**	6.39 U	**53.4**	0.102 U	NA
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	1.18 U	1.18 U	**10.4**	NA	**30.8**	**3.99**	5.89 U	**52.6**	0.0943 U	NA
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	**1.35**	**7.72**	**64.0**	0.4 U	**29.2**	**7.94**	6.44 U	**205**	0.103 U	0.0100 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	**2.97**	**12.5**	**230**	NA	**28.0**	**9.94**	5.67 U	**260**	0.0907 U	NA
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	1.22 U	**9.74**	**247**	NA	**26.2**	**8.56**	6.08 U	**220**	0.0973 U	NA
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	1.28 U	**4.34**	**51.4**	0.4 U	**22.9**	**5.74**	6.42 U	**131**	0.103 U	NA
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	1.18 U	**10.1**	**190**	NA	**24.1**	**8.31**	5.92 U	**176**	0.0947 U	NA
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	1.07 U	1.07 U	**42.8**	0.4 U	**23.5**	**2.49**	5.34 U	**56.4**	0.0855 U	NA
Wastewater Settlement Cells & Gutter												
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	**2.17**	**3.55**	**33.2**	NA	**29.1**	**53.1**	5.88 U	**119**	**0.141**	NA
CAA-2-1ox(4.5-5.0)	05/06/08	4.5-5.0	NA	1.16 U	**16.7**	NA	NA	NA	NA	NA	NA	NA
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	1.27 U	1.27 U	**5.67**	NA	**23.3**	**4.67**	6.33 U	**44.1**	0.101 U	NA
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	1.16 U	1.16 U	**13.9**	NA	**25.2**	**4.88**	5.80 U	**48.5**	0.0927 U	NA
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	**1.77**	1.06 U	**9.81**	NA	**30.9**	**5.07**	5.32 U	**56.0**	0.0852 U	NA
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	**2.27**	1.33 U	**16.1**	NA	**25.1**	**6.76**	6.67 U	**71.3**	0.107 U	NA
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	**2.50**	1.14 U	**34.5**	**1.36**	**25.6**	**8.43**	5.70 U	**80.8**	0.0912 U	NA
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	**2.42**	**2.71**	**40.3**	NA	**26.4**	**33.1**	6.30 U	**93.5**	0.101 U	NA
CAA-2-7ox(2.0-2.5)	05/06/08	2.0-2.5	NA	1.35 U	**13.6**	NA	NA	NA	NA	NA	NA	NA
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	**2.35**	1.42 U	**18.6**	NA	**25.5**	**10.8**	7.08 U	**86.4**	0.113 U	NA

TABLE 7
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)									SPLP Metals EPA Method 6020 (mg/L)
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	Cadmium
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	**1.86**	1.23 U	**10.9**	NA	**18.4**	**5.49**	6.15 U	**58.3**	0.0983 U	NA
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	**2.55**	1.28 U	**24.4**	0.4 U	**25.4**	**20.8**	6.41 U	**84.1**	0.103 U	NA
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	**2.81**	**4.22**	**56.8**	NA	**29.4**	**69.5**	6.08 U	**277**	**0.255**	NA
CAA-2-11ox(2.0-2.5)	05/06/08	2.0-2.5	NA	1.21 U	**12.7**	NA	NA	NA	NA	NA	NA	NA
CAA-2-28(4.5-5.0)	05/06/08	4.5-5.0	NA	**6.37**	**25.7**	0.4 U	NA	NA	NA	NA	NA	0.0100 U
CAA-2-29(5.5-6.0)[1]	05/06/08	5.5-6.0	NA	**3.08**	**221**	0.4 U	NA	NA	NA	NA	NA	NA
DUP-11[1]	05/06/08	NA	NA	**2.15**	**92.5**	NA	NA	NA	NA	NA	NA	NA
Cistern												
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	**2.21**	1.13 U	**16.8**	NA	**31.8**	**8.23**	5.67 U	**81.6**	0.0907 U	NA
Dup-7	04/11/08	0.0-0.5	**2.00**	1.15 U	**14.9**	NA	**30.4**	**8.50**	5.75 U	**82.6**	0.0920 U	NA
Dry Well												
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	**1.77**	1.38 U	**16.7**	2.4 U	**19.7**	**4.62**	6.89 U	**71.5**	0.0207 U	NA
DrywellSeds-6	03/20/08	15-15.5	1.20 U	1.20 U	**6.83**	2.2 U	**20.2**	**4.39**	5.98 U	**49.1**	0.0179 U	NA
Spoils Removed During Dry Well Decommissioning												
Stockpile-6	03/20/08	NA	1.12 U	1.12 U	**13.7**	2.2 U	**29.7**	**4.96**	5.59 U	**58.0**	0.0168 U	NA
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2	NA
Method B Cleanup Level Protective of Groundwater			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SPLP Metals
EPA Method 6020

Notes:

1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. For cadmium, the leaching test effluent concentration must be less than, or equal to, ten times the applicable ground water cleanup level established under WAC 173-340-720.

Bold: indicates analyte detection

Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 8
Soil Chemical Analytical Results
Organochlorine Pesticides
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	EPA Method 8081A (μg/Kg)																					
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin Aldehyde	Endrin Keytone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Chlordane (Technical)	Toxaphene
Drainage Feature / Sump																									
CAA-2-14(4-4.5)	04/18/08	4-4.5	Sidewall	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	32.9 U	164 U	493 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	Sidewall	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	29.5 U	147 U	442 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	30.8 U	154 U	462 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	Sidewall	8.65 U	8.65 U	8.65 U	8.65 U	54.1 U	8.65 U	8.65 U	8.65 U	8.65 U	54.1 U	8.65 U	8.65 U	8.65 U	8.65 U	8.65 U	8.65 U	54.1 U	54.1 U	8.65 U	159 U	127 U	382 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	31.0 U	155 U	465 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	Sidewall	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	26.7 U	134 U	401 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	Sidewall	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	17.6 U	9.95 U	29.3 U	146 U	439 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	Sidewall	9.40 U	9.40 U	9.40 U	9.40 U	58.8 U	9.40 U	9.40 U	9.40 U	9.40 U	58.8 U	9.40 U	9.40 U	9.40 U	9.40 U	9.40 U	9.40 U	58.8 U	107 U	9.40 U	173 U	138 U	415 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	Sidewall	7.83 U	7.83 U	7.83 U	7.83 U	48.9 U	7.83 U	7.83 U	7.83 U	7.83 U	48.9 U	7.83 U	7.83 U	7.83 U	7.83 U	7.83 U	7.83 U	48.9 U	48.9 U	7.83 U	144 U	115 U	345 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	Sidewall	8.96 U	8.96 U	8.96 U	8.96 U	56.0 U	8.96 U	8.96 U	8.96 U	8.96 U	56.0 U	8.96 U	8.96 U	8.96 U	8.96 U	8.96 U	8.96 U	56.0 U	56.0 U	8.96 U	165.0 U	132 U	395 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	Base	10.7 U	10.7 U	10.7 U	10.7 U	66.8 U	10.7 U	10.7 U	10.7 U	10.7 U	66.8 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	66.8 U	98.3 U	10.7 U	197.0 U	157 U	472 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	Base	8.47 U	8.47 U	8.47 U	8.47 U	53.0 U	8.47 U	8.47 U	8.47 U	8.47 U	53.0 U	8.47 U	8.47 U	8.47 U	8.47 U	8.47 U	8.47 U	53.0 U	53.0 U	8.47 U	156 U	125 U	375 U
Wastewater Settlement Cells & Gutter																									
CAA-2-1ox(4.5-5.0)	05/06/08	4.5-5.0	Base	9.55 U	9.55 U	9.55 U	9.55 U	59.7 U	9.55 U	9.55 U	9.55 U	9.55 U	59.7 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	59.7 U	59.7 U	9.55 U	176 U	140 U	421 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	Base	9.00 U	9.00 U	9.00 U	9.00 U	56.2 U	9.00 U	9.00 U	9.00 U	9.00 U	56.2 U	9.00 U	9.00 U	9.00 U	9.00 U	9.00 U	9.00 U	56.2 U	56.2 U	9.00 U	165 U	132 U	397 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	Base	9.22 U	9.22 U	9.22 U	9.22 U	57.6 U	9.22 U	9.22 U	9.22 U	9.22 U	57.6 U	9.22 U	9.22 U	9.22 U	9.22 U	9.22 U	9.22 U	57.6 U	57.6 U	9.22 U	169 U	136 U	407 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	29.4 U	147 U	441 U
Dup-10	05/06/08	2.5-3.0	Sidewall	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	NA	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	28.2 U	141 U	423 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	Sidewall	10.8 U	10.8 U	10.8 U	10.8 U	67.5 U	10.8 U	10.8 U	10.8 U	10.8 U	67.5 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	67.5 U	67.5 U	10.8 U	199 U	159 U	477 U
CAA-2-7ox(2.0-2.5)	05/06/08	2.0-2.5	Sidewall	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	30.7 U	153 U	460 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	Sidewall	9.60 U	9.60 U	9.60 U	9.60 U	60.0 U	9.60 U	9.60 U	9.60 U	9.60 U	60.0 U	9.60 U	9.60 U	9.60 U	9.60 U	9.60 U	9.60 U	60.0 U	60.0 U	9.60 U	177.0 U	141 U	424 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	27.5 U	137 U	412 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	Sidewall	9.79 U	9.79 U	9.79 U	9.79 U	61.2 U	9.79 U	9.79 U	9.79 U	9.79 U	61.2 U	9.79 U	9.79 U	9.79 U	9.79 U	9.79 U	9.79 U	61.2 U	61.2 U	9.79 U	180 U	144 U	432 U
CAA-2-11ox(2.0--2.5)	05/06/08	2.0-2.5	Sidewall	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	32.2 U	161 U	483 U
CAA-2-28(4.5-5.0)	05/06/08	4.5-5.0	Base	11.6 U	11.6 U	11.6 U	11.6 U	72.4 U	11.6 U	11.6 U	11.6 U	11.6 U	72.4 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	72.4 U	72.4 U	11.6 U	213.0 U	170 U	511 U
CAA-2-29(5.5-6.0)[1]	05/06/08	5.5-6.0	Sidewall	10.8 U	10.8 U	10.8 U	10.8 U	67.4 U	10.8 U	10.8 U	10.8 U	10.8 U	67.4 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	67.4 U	67.4 U	10.8 U	198 U	158 U	475 U
DUP-11[1]	05/06/08	NA	NA	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	**21.4**	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	31.4 U	10.3 U	30.2 U	151 U	452 U
CAA-2-29ox(5.5-6.0)[1]	05/22/08	5.5-6.0	Sidewall	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	51.4 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	**17.9**	14.5 U	8.23 U	151 U	121 U	363 U
MTCA Regulatory Criteria[2]				2,400[3]	NE	NE	NE	770[4]	NE	NE	4,200[4]	2,900[4]	3,000	63[4]	480,000[3]		NE	24,000[3]	NE	NE	220[4]	110[4]	400,000[3]	2,900[4]	910[4]

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, PCBs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 9
Soil Chemical Analytical Results
PCBs
The Landing at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample I.D.	Date	Depth (feet)	EPA Method 8082 (µg/Kg)						
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
Drainage Feature / Sump									
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	33 U	33 U	33 U	33 U	33 U	33 U	**38**
CAA-2-19ox(8.5-9.0)	05/22/08	8.9-9.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	33 U	33 U	33 U	33 U	33 U	33 U	**120**
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	33 U	33 U	33 U	33 U	33 U	33 U	**41**
CAA-2-24ox(10.5-11.0)[1]	05/22/08	10.5-11.0	33 U	33 U	33 U	33 U	33 U	**39**	**160**
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	33 U	33 U	33 U	33 U	33 U	33 U	**130**
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Wastewater Settlement Cells & Gutter									
CAA-2-1ox(4.5-5.0)	05/06/08	4.5-5.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-2(3.0-3.5)[1]	05/06/08	3.0-3.5	33 U	33 U	33 U	33 U	33 U	33 U	**34**
CAA-2-2ox(4.0-4.5)	05/22/08	4.0-4.5	38 U	38 U	38 U	38 U	38 U	38 U	38 U
CAA-2-3(3.0-3.5)	05/06/08	3.0-3.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-4(2.5-3.0)	05/06/08	2.5-3.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Dup-10	05/06/08	NA	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-5(1.5-2.0)	05/06/08	1.5-2.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-7ox(2.0-2.5)	05/06/08	2.0-2.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-8(2.5-3.0)[1]	05/06/08	2.5-3.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-9(2.5-3.0)	05/06/08	2.5-3.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-10(1.5-2.0)[1]	05/06/08	1.5-2.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-11ox(2.0-2.5)	05/06/08	2.0-2.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-28(4.5-5.0)	05/06/08	4.5-5.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-29(5.5-6.0)[1]	05/06/08	5.5-6.0	33 U	33 U	33 U	33 U	33 U	33 U	**160**
DUP-11[1]	05/06/08	NA	33 U	33 U	33 U	33 U	33 U	33 U	**180**
CAA-2-29ox(5.5-6.0)[1]	05/22/08	5.5-6.0	33 U	33 U	33 U	33 U	33 U	33 U	**57**
MTCA Method A Cleanup Level			1,000[2]						

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. Cleanup level based on applicable federal law (40 CFR 76161). This is a total value for the sum of all PCBs.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 10
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons, Select VOCs, and Lead
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Select VOCs by EPA Method 8260B/5035A (µg/Kg)									Total Metals by EPA Method 6020 (ICPMS) mg/kg
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Benzene	Ethanol	Ethylbenzene	ethyl tert-butyl ether	Methanol	tert-butyl alcholol	tert-Amyl Methyl Ether	Toluene	Total Xylenes	Lead
UST Excavation																					
CAA-3-1 (15.5-16.0)	04/03/08	15.5-16.0	Base	1	NS	NA	NA	NA	5.18 U	31.1 U	62.2 U	16.2 U	4,600 U	32.4 U	46 U	2,700 U	2,300 U	46 U	130.0 U	97.2 U	**4.60**
CAA-3-2 (16.0-16.5)	04/03/08	16.0-16.5	Base	3.1	NS	NA	NA	NA	4.39 U	24.6 U	49.2 U	13.7 U	5,600 U	27.4 U	56 U	2,700 U	2,800 U	56 U	110.0 U	82.2 U	**10.1**
CAA-3-3 (15.5-16.0)	04/03/08	15.5-16.0	Base	0.8	NS	NA	NA	NA	4.85 U	24.2 U	48.4 U	15.2 U	5,000 U	30.3 U	50 U	2,600 U	2,500 U	50 U	121.0 U	91 U	**3.54**
CAA-3-4 (15.5-16.0)	04/03/08	15.5-16.0	Base	1.1	NS	NA	NA	NA	5.55 U	29.3 U	58.7 U	17.4 U	4,600 U	34.7 U	46 U	2,700 U	2,300 U	46 U	139.0 U	104 U	**7.96**
CAA-3-5 (16.0-16.5)	04/03/08	16.0-16.5	Base	0.9	NS	NA	NA	NA	5.76 U	24.4 U	48.8 U	18.0 U	4,400 U	36.0 U	44 U	2,700 U	2,200 U	44 U	144.0 U	108 U	**2.86**
CAA-3-6 (16.0-16.5)	04/03/08	16.0-16.5	Base	0.8	NS	NA	NA	NA	4.74 U	32.1 U	64.2 U	14.8 U	5,500 U	29.6 U	55 U	2,700 U	2,700 U	55 U	119.0 U	88.9 U	**2.91**
CAA-3-7 (16.5-17.0)	04/03/08	16.5-17.0	Base	0.9	NS	NA	NA	NA	5.43 U	22.3 U	44.7 U	17.0 U	4,600 U	34.0 U	46 U	2,700 U	2,300 U	46 U	136.0 U	102 U	**2.61**
CAA-3-8 (15.5-16.0)	04/03/08	15.5-16.0	Base	1.3	NS	NA	NA	NA	5.16 U	24.5 U	49.0 U	16.1 U	5,000 U	32.3 U	50 U	2,700 U	2,500 U	50 U	129.0 U	96.8 U	**1.92**
CAA-3-9 (16.0-16.5)	04/03/08	16.0-16.5	Base	2.4	NS	NA	NA	NA	5.38 U	21.3 U	42.6 U	16.8 U	4,600 U	33.6 U	46 U	2,700 U	2,300 U	46 U	135.0 U	101 U	**1.67**
CAA-3-10 (16.0-16.5)	04/03/08	16.0-16.5	Base	3.9	NS	NA	NA	NA	5.91 U	20.5 U	41.1 U	18.5 U	4,600 U	36.9 U	46 U	2,800 U	2,300 U	46 U	148.0 U	111 U	**5.82**
CAA-3-11 (15.5-16.0)	04/03/08	15.5-16.0	Base	6.2	NS	NA	NA	NA	6.34 U	23.7 U	47.3 U	19.8 U	4,000 U	39.6 U	40 U	2,700 U	2,000 U	40 U	159.0 U	119 U	**3.56**
CAA-3-12 (15.5-16.0)	04/03/08	15.5-16.0	Base	2.2	NS	NA	NA	NA	5.16 U	24.1 U	48.1 U	16.1 U	4,800 U	32.3 U	48 U	2,700 U	2,400 U	48 U	129.0 U	96.8 U	**3.77**
CAA-3-13 (13.5-14.0)	04/03/08	13.5-14.0	Sidewall	0.0	NS	NA	NA	NA	5.62 U	21.1 U	42.2 U	17.6 U	4,600 U	35.1 U	46 U	2,600 U	2,300 U	46 U	140.0 U	105 U	**6.60**
Dup-3	04/03/08	13.5-14.0	CAA-3-13 Duplicate	0.0	NS	NA	NA	NA	4.78 U	28.6 U	57.2 U	14.9 U	6,100 U	29.9 U	61 U	2,900 U	3,000 U	61 U	119.0 U	89.6 U	**5.02**
CAA-3-14 (10.5-11.0)	04/03/08	10.5-11.0	Sidewall	1.4	NS	NA	NA	NA	5.85 U	26.7 U	53.4 U	18.3 U	4,900 U	36.6 U	49 U	2,800 U	2,500 U	49 U	146.0 U	110 U	**4.12**
CAA-3-15 (11.0-11.5)	04/03/08	11.0-11.5	Sidewall	0.3	NS	NA	NA	NA	5.13 U	25.7 U	51.5 U	16.0 U	5,000 U	32.1 U	50 U	2,700 U	2,500 U	50 U	128.0 U	96.2 U	**4.08**
CAA-3-16 (14.0-14.5)	04/03/08	14.0-14.5	Sidewall	0.9	NS	NA	NA	NA	5.24 U	29.8 U	59.7 U	16.4 U	5,000 U	32.7 U	50 U	2,700 U	2,500 U	50 U	131.0 U	98.2 U	**4.60**
CAA-3-17 (14.5-15.0)	04/04/08	14.5-15.0	Sidewall	0.4	NS	NA	NA	NA	5.54 U	32.1 U	64.1 U	17.3 U	6,900 U	34.7 U	69 U	3,200 U	3,400 U	69 U	139.0 U	104 U	**4.53**
CAA-3-18 (10.0-10.5)	04/04/08	10.0-10.5	Sidewall	0.1	NS	NA	NA	NA	5.66 U	23.0 U	45.9 U	17.7 U	4,400 U	35.4 U	44 U	2,600 U	2,200 U	44 U	141.0 U	106 U	**3.94**
CAA-3-19 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	1.7	NS	NA	NA	NA	5.02 U	23.5 U	47.0 U	15.7 U	4,800 U	31.4 U	48 U	2,600 U	2,400 U	48 U	126.0 U	94.2 U	**2.44**
CAA-3-20 (10.5-11.0)	04/04/08	10.5-11.0	Sidewall	0.5	NS	NA	NA	NA	5.07 U	24.4 U	48.9 U	15.9 U	5,200 U	31.7 U	52 U	2,700 U	2,600 U	52 U	127.0 U	95.1 U	**3.48**
CAA-3-21 (5.5-6.0)	04/04/08	5.5-6.0	Sidewall	0.3	NS	NA	NA	NA	5.51 U	21.4 U	42.8 U	17.2 U	4,600 U	34.5 U	46 U	2,600 U	2,300 U	46 U	138.0 U	103 U	**4.00**
CAA-3-22 (14.5-15.0)[1]	04/04/08	14.5-15.0	Sidewall	3.9	NS	NA	NA	NA	**6.17**	31.3 U	62.6 U	18.0 U	6,000 U	35.9 U	60 U	2,900 U	3,000 U	60 U	144.0 U	108 U	**7.48**
CAA-3-22OX(14.5-15)	04/17/08	14.5-15.0	Sidewall	0.8	NS	NA	NA	NA	3.52 U	21.8 U	43.5 U	11.0 U	110 U	22.0 U	1.1 U	2,800 U	56 U	1.1 U	88.0 U	66.0 U	**3.22**
CAA-3-23 (6.5-7.0)	04/04/08	6.5-7.0	Sidewall	0.4	NS	NA	NA	NA	5.64 U	18.9 U	37.7 U	17.6 U	4,600 U	35.2 U	46 U	2,800 U	2,300 U	46 U	141.0 U	106 U	**4.73**
CAA-3-24 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	1.7	NS	NA	NA	NA	5.64 U	19.4 U	38.8 U	17.6 U	4,600 U	35.2 U	46 U	2,700 U	2,300 U	46 U	141.0 U	106 U	**2.75**
CAA-3-25 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	0	NS	NA	NA	NA	5.16 U	28.6 U	57.3 U	16.1 U	5,600 U	32.2 U	56 U	2,800 U	2,800 U	56 U	129.0 U	96.7 U	**11.30**
CAA-3-26 (7.5-8.0)	04/04/08	7.5-8.0	Sidewall	0.5	NS	NA	NA	NA	5.94 U	29.2 U	58.4 U	18.6 U	4,500 U	37.1 U	45 U	2,800 U	2,200 U	45 U	149.0 U	111 U	**4.27**
CAA-3-27 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	0.1	NS	NA	NA	NA	5.14 U	20.5 U	40.9 U	16.1 U	4,900 U	32.1 U	49 U	2,700 U	2,500 U	49 U	129.0 U	96.4 U	**2.52**
CAA-3-28 (16.0-16.5)	04/04/08	16.0-16.5	Sidewall	1.1	NS	NA	NA	NA	5.22 U	24.8 U	49.6 U	16.3 U	5,100 U	32.6 U	51 U	2,700 U	2,500 U	51 U	131.0 U	97.9 U	**2.58**
CAA-3-29 (15.0-15.5)	04/04/08	15.0-15.5	Sidewall	0.7	NS	NA	NA	NA	4.96 U	27.2 U	54.4 U	15.5 U	5,600 U	31.0 U	56 U	2,800 U	2,800 U	56 U	124.0 U	93.0 U	**2.84**
CAA-3-30 (7.5-8.0)	04/04/08	7.5-8.0	Sidewall	0.1	NS	NA	NA	NA	5.43 U	27.2 U	54.5 U	17.0 U	4,600 U	33.9 U	46 U	2,700 U	2,300 U	46 U	136 U	102 U	**3.63**
CAA-3-31 (6.0-6.5)	04/04/08	6.0-6.5	Sidewall	0	NS	NA	NA	NA	5.66 U	24.1 U	48.1 U	17.7 U	4,700 U	35.4 U	47 U	2,800 U	2,300 U	47 U	141 U	106 U	**3.31**
CAA-3-32 (12.5-13.0)	04/04/08	12.5-13.0	Sidewall	0.3	NS	NA	NA	NA	4.75 U	18.6 U	37.2 U	14.8 U	5,400 U	29.7 U	54 U	2,700 U	2,700 U	54 U	119.0 U	89 U	**3.80**
CAA-3-33 (15.5-16.0)[1]	04/04/08	15.5-16.0	Sidewall	0.2	NS	NA	NA	NA	4.29 U	24.6 U	49.1 U	13.4 U	6,500 U	26.8 U	65 U	**3,300**	3,200 U	65 U	107.0 U	80.4 U	**36.7**
CAA-3-33OX(15.5-16)	04/17/08	15.5-16.0	Sidewall	0	NS	NA	NA	NA	3.61 U	20.1 U	40.1 U	11.3 U	110 U	22.6 U	1.1 U	2,700 U	54 U	1.1 U	90.4 U	67.8 U	**17.2**
CAA-3-34 (11.0-11.5)	04/04/08	11.0-11.5	Sidewall	0.5	NS	NA	NA	NA	5.50 U	19.6 U	39.2 U	17.2 U	4,700 U	34.4 U	47 U	2,700 U	2,400 U	47 U	138 U	103 U	**3.68**
CAA-3-35 (11.0-11.5)	04/04/08	11.0-11.5	Sidewall	0.7	NS	NA	NA	NA	5.29 U	21.3 U	42.5 U	16.5 U	4,900 U	33.0 U	49 U	2,700 U	2,400 U	49 U	132 U	99.1 U	**4.46**
CAA-3-36 (7.5-8.0)	04/04/08	7.5-8.0	Sidewall	1.3	NS	NA	NA	NA	5.61 U	20.5 U	41.0 U	17.5 U	4,600 U	35.1 U	46 U	2,700 U	2,300 U	46 U	140 U	105 U	**4.21**
CAA-3-37(6.5-7)	04/17/08	6.5-7	Sidewall	0	NS	NA	NA	NA	4.56 U	25.0 U	50.0 U	14.2 U	110 U	28.5 U	1.1 U	2,700 U	55 U	1.1 U	114 U	85.5 U	**3.73**
CAA-3-38(6.5-7)	04/17/08	6.5-7	Sidewall	0	NS	NA	NA	NA	4.22 U	23.0 U	45.9 U	13.2 U	110 U	26.4 U	1.1 U	2,800 U	55 U	1.1 U	106 U	79.2 U	**4.24**

TABLE 10
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons, Select VOCs, and Lead
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Select VOCs by EPA Method 8260B/5035A (µg/Kg)									Total Metals by EPA Method 6020 (ICPMS) mg/kg
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Benzene	Ethanol	Ethylbenzene	ethyl tert-butyl ether	Methanol	tert-butyl alcholol	tert-Amyl Methyl Ether	Toluene	Total Xylenes	Lead
CAA-3-39(6.5-7)	04/17/08	6.5-7	Sidewall	0	NS	NA	NA	NA	4.36 U	24.6 U	49.2 U	13.6 U	100 U	27.3 U	1.0 U	2,600 U	51 U	1.0 U	109 U	81.8 U	**3.82**
Clean Overburden from UST Excavation																					
Stockpile-8	04/07/08	NA	Stockpile	1.1	NS	NA	NA	NA	4.55 U	34.1 U	68.1 U	14.2 U	5,000 U	28.4 U	50 U	2,900 U	2,500 U	50 U	114.0 U	85.3 U	**4.12**
Dup-5	04/07/08	NA	Stockpile-8 Duplicate	1.1	NS	NA	NA	NA	4.60 U	23.3 U	46.6 U	14.4 U	4,900 U	28.8 U	49 U	2,800 U	2,400 U	49 U	115.0 U	86.3 U	**6.15**
Stockpile-9	04/07/08	NA	Stockpile	0	NS	NA	NA	NA	5.05 U	25.5 U	51.0 U	15.8 U	6,200 U	31.6 U	62 U	2,800 U	3,100 U	62 U	126.0 U	94.8 U	**4.37**
Stockpile-10	04/07/08	NA	Stockpile	0	NS	NA	NA	NA	4.89 U	24.3 U	48.6 U	15.3 U	5,500 U	30.5 U	55 U	2,700 U	2,700 U	55 U	122.0 U	91.6 U	**7.81**
Stockpile-11	04/08/08	NA	Stockpile	1.2	NS	NA	NA	NA	5.21 U	24.1 U	48.2 U	16.3 U	110 U	32.5 U	1.1 U	2,800 U	56 U	1.1 U	130 U	97.6 U	**4.60**
Stockpile-12	04/08/08	NA	Stockpile	1	NS	NA	NA	NA	5.04 U	25.1 U	50.3 U	15.7 U	120 U	31.5 U	1.2 U	3,000 U	60 U	1.2 U	126 U	94.5 U	**10.2**
Stockpile-13	04/08/08	NA	Stockpile	1.5	NS	NA	NA	NA	4.85 U	26.4 U	52.8 U	15.1 U	110 U	30.3 U	1.1 U	2,800 U	56 U	1.1 U	121 U	90.9 U	**10.7**
Stockpile-14	04/08/08	NA	Stockpile	1.2	NS	NA	NA	NA	5.25 U	26.8 U	53.7 U	16.4 U	110 U	32.8 U	1.1 U	2,800 U	57 U	1.1 U	131 U	98.5 U	**7.89**
Stockpile-15	04/08/08	NA	Stockpile	1.3	NS	NA	NA	NA	4.71 U	26.9 U	53.8 U	14.7 U	110 U	29.4 U	1.1 U	2,800 U	55 U	1.1 U	118 U	88.3 U	**6.83**
Stockpile-16	04/08/08	NA	Stockpile	1.2	NS	NA	NA	NA	6.05 U	24.6 U	49.3 U	18.9 U	110 U	37.8 U	1.1 U	2,700 U	54 U	1.1 U	151 U	113 U	**5.76**
Stockpile-17	04/08/08	NA	Stockpile	2.7	NS	NA	NA	NA	5.27 U	24.0 U	48.0 U	16.5 U	110 U	32.9 U	1.1 U	2,700 U	55 U	1.1 U	132 U	98.8 U	**6.29**
Stockpile-18	04/08/08	NA	Stockpile	1.7	NS	NA	NA	NA	4.72 U	26.9 U	53.9 U	14.7 U	110 U	29.5 U	1.1 U	2,800 U	56 U	1.1 U	118 U	88.4 U	**7.09**
Stockpile-19	04/08/08	NA	Stockpile	2.4	NS	NA	NA	NA	4.65 U	30.1 U	60.2 U	14.5 U	120 U	29.1 U	1.2 U	2,900 U	58 U	1.2 U	116 U	87.2 U	**12.3**
Stockpile-20	04/08/08	NA	Stockpile	1.9	NS	NA	NA	NA	6.15 U	25.0 U	50.1 U	19.2 U	110 U	38.4 U	1.1 U	2,800 U	56 U	1.1 U	154 U	115 U	**8.05**
Stockpile-21	04/08/08	NA	Stockpile	3.9	NS	NA	NA	NA	4.73 U	32.5 U	65.0 U	14.8 U	120 U	29.5 U	1.2 U	2,900 U	58 U	1.2 U	118 U	88.6 U	**10.3**
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	Beneath Dry Well	NA	NA	18.4 U	46.0 U	92.0 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.7 U	3.4 U	**4.6**
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	Beneath Dry Well	NA	NA	21.8 U	54.5 U	109 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.3 U	3.2 U	**4.85**
Drywell-3-(16.5-17)	04/18/08	16.5-17	Beneath Dry Well	0	NS	15.9 U	39.8 U	79.6 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	1.1 U	3.2 U	**3.01**
DrywellSeds-2[1]	03/19/08	8.5-9	Sediment within Dry Well	NA	NA	19.3 U	48.2 U	96.5 U	NA	NA	NA	5.5 U	NA	NA	NA	NA	NA	NA	28 U	16 U	**5.05**
DrywellSeds-3[1]	03/19/08	13.5-14	Sediment within Dry Well	NA	NA	16.8 U	42.0 U	84.0 U	NA	NA	NA	5.5 U	NA	NA	NA	NA	NA	NA	28 U	16 U	**4.40**
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	Stockpile	NA	NA	22.4 U	56.0 U	**DETECTED**	NA	**42.0**	53.6 U	1.2 U	NA	NA	NA	NA	NA	NA	6.0 U	3.6 U	**14.4**
Stockpile-3[1]	03/18/08	NA	Stockpile	NA	NA	20.8 U	52.1 U	104 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.5 U	3.3 U	**13.5**
Septic System Piping																					
Piping-1-(3)	03/18/08	3	Beneath Piping	NA	NA	20.1 U	50.1 U	**DETECTED**	NA	23.9 U	47.8 U	1.0 U	NA	NA	NA	NA	NA	NA	5.3 U	3.2 U	**11.9**
Piping-2-(3)	03/18/08	3	Beneath Piping	NA	NA	24.0 U	60.1 U	120 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.7 U	3.4 U	**9.94**
Piping-3-(3)	03/18/08	3	Beneath Piping	NA	NA	23.0 U	57.6 U	115 U	NA	NA	NA	1.2 U	NA	NA	NA	NA	NA	NA	6.0 U	3.6 U	**15.7**
Piping-15(1.5-2.0)	04/24/08	3	Beneath Piping	0.1	NS	17.4 U	43.5 U	87.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.01**
MTCA Regulatory Criteria[2]				NA	NA	NE	NE	NE	100	2,000	2,000	30	NE	6,000	NE	40,000,000[3]	NE	NE	7,000	9,000	250

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
2 All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A and 8015M
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	EPA Method 8260B/5035A and 8015M (µg/Kg)																
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	57 U	5.7 U	1.1 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	53 U	5.3 U	1.1 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	54 U	5.4 U	1.1 U
DrywellSeds-2[1]	03/19/08	8.5-9	NA	280 U	55 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	280 U	28 U	5.5 U
DrywellSeds-3[1]	03/19/08	13.5-14	NA	280 U	55 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	280 U	28 U	5.5 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	NA	60 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	60 U	6.0 U	1.2 U
Stockpile-3[1]	03/18/08	NA	NA	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	55 U	5.5 U	1.1 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	0-0.5	53 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	53 U	5.3 U	1.0 U
Piping-2-(3)	03/18/08	3	0-0.5	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	57 U	5.7 U	1.1 U
Piping-3-(3)	03/18/08	3	0-0.5	60 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	60 U	6.0 U	1.2 U
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	56 U	5.6 U	1.1 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE	NE	160,000[4]	77,000[4]

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	EPA Method 8260B/5035A and 8015M (µg/Kg)																
				2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-2[1]	03/19/08	8.5-9	NA	5.5 U	5.5 U	28 U	5.5[11] U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
DrywellSeds-3[1]	03/19/08	13.5-14	NA	5.5 U	5.5 U	28 U	5.5[11] U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	NA	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Stockpile-3[1]	03/18/08	NA	NA	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	0-0.5	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Piping-2-(3)	03/18/08	3	0-0.5	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Piping-3-(3)	03/18/08	3	0-0.5	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]	800,000[3]	NE	15,000[4]	NE	NE

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	EPA Method 8260B/5035A and 8015M (µg/Kg)																		
				cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Amyl Methyl Ether
Dry Wells																						
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	NA
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	NA
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.3 U	11 U	1.1 U	5.3 U	1.1 U	1.1 U	NA
DrywellSeds-2[1]	03/19/08	8.5-9	NA	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	NA	5.5 U	5.5 U	5.5 U	55 U	28[11] U	55 U	5.5 U	28 U	5.5 U	5.5 U	NA
DrywellSeds-3[1]	03/19/08	13.5-14	NA	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	NA	5.5 U	5.5 U	5.5 U	55 U	28[11] U	55 U	5.5 U	28 U	5.5 U	5.5 U	NA
Spoils Removed During Drywell Decommissioning																						
Stockpile-2	03/18/08	NA	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	1.2 U	12 U	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA
Stockpile-3[1]	03/18/08	NA	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	NA
Septic System Piping																						
Piping-1-(3)	03/18/08	3	0-0.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	10 U	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA
Piping-2-(3)	03/18/08	3	0-0.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	NA
Piping-3-(3)	03/18/08	3	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	1.2 U	12 U	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	NA
MTCA Regulatory Criteria[2]				5,600[4]	5,600[4]	NE	NE	6,000	NE	13,000[4]	NE	NE	48,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro	Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
DrywellSeds-2[1]	03/19/08	8.5-9	NA	5.5 U	5.5 U	**26**	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	16 U	16 U
DrywellSeds-3[1]	03/19/08	13.5-14	NA	5.5 U	5.5 U	**25**	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	16 U	16 U
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	NA	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Stockpile-3[1]	03/18/08	NA	NA	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Septic System Piping																					
Piping-1-(3)	03/18/08	3	0-0.5	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Piping-2-(3)	03/18/08	3	0-0.5	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Piping-3-(3)	03/18/08	3	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
MTCA Regulatory Criteria[2]				38,000[4]	5,000[4]	,400,000,000	50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
U: Not detected above the laboratory MRL. Each reporting limit is reported.

TABLE 12
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	SVOCs by EPA Methods 8270C (mg/Kg)																	
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,l)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	35 U	35 U	35 U	**670**	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-2[2]	03/19/08	8.5-9	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U
DrywellSeds-3[2]	03/19/08	13.5-14	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	400 U	400 U	400 U	4,000 U	400 U	400 U	400 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	400 U	400 U	4,000 U
Stockpile-3[2]	03/18/08	NA	36 U	36 U	36 U	**870**	**38**	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**41**	36 U	360 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	350 U	350 U	350 U	3,500 U	350 U	350 U	350 U	350 U	350 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	350 U	350 U	3,500 U
Piping-2-(3)	03/18/08	3	380 U	380 U	380 U	3,800 U	380 U	380 U	380 U	380 U	380 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	380 U	380 U	3,800 U
Piping-3-(3)	03/18/08	3	390 U	390 U	390 U	3,900 U	390 U	390 U	390 U	390 U	390 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	390 U	390 U	3,900 U
Piping-15(1.5-2.0)	04/24/08	3	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]

TABLE 12
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	SVOCs by EPA Methods 8270C (mg/Kg)																	
			2,4-Dinitrotoluene	2,6-Dinitrotoluene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	370 U	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	350.00 U	350 U	35 U	**82**	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-2[2]	03/19/08	8.5-9	360 U	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	0.036 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-3[2]	03/19/08	13.5-14	360 U	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	0.036 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	4,000 U	4,000 U	400 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	400 U	4,000 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Stockpile-3[2]	03/18/08	NA	360 U	360 U	**85**	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	3,500 U	3,500 U	350 U	350 U	3,500 U	3,500 U	3,500 U	3,500 U	350 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U
Piping-2-(3)	03/18/08	3	3,800 U	3,800 U	380 U	380 U	3,800 U	3,800 U	3,800 U	3,800 U	380 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
Piping-3-(3)	03/18/08	3	3,900 U	3,900 U	390 U	390 U	3,900 U	3,900 U	3,900 U	3,900 U	390 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U
Piping-15(1.5-2.0)	04/24/08	3	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			160,000[4]	80,000[4]	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[5]	71,000[5]

TABLE 12
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	SVOCs by EPA Methods 8270C (mg/Kg)																		
			Di-n-butyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	370 U	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	350.00 U	350 U	350 U	**1,800**	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	**1,400**	350 U	350 U	**390**	350 U	350 U	350 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-2[2]	03/19/08	8.5-9	360 U	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-3[2]	03/19/08	13.5-14	360 U	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	4,000 U	4,000 U	4,000 U	4,000 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Stockpile-3[2]	03/18/08	NA	360 U	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**1,500**	360 U	360 U	**390**	**1,200**	360 U	360 U
Septic System Piping																					
Piping-1-(3)	03/18/08	3	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U
Piping-2-(3)	03/18/08	3	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
Piping-3-(3)	03/18/08	3	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U
Piping-15(1.5-2.0)	04/24/08	3	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			8,000,000[4]	64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A Cleanup Level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 13
Summary of Soil Chemical Analytical Results
PAH's
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Wells																		
Drywell-2-10-10.5	03/17/08	10-10.5	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	**47.9**	31.9 U	31.9 U	31.9 U	**41.6**	**38.4**
Drywell-3-(16.5-17)	04/18/08	16.5-17	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U
DrywellSeds-2[2]	03/19/08	8.5-9	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U
DrywellSeds-3[2]	03/19/08	13.5-14	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U
Spoils Removed During Drywell Decommissioning																		
Stockpile-2	03/18/08	NA	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U
Stockpile-3[2]	03/18/08	NA	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U
Septic System Piping																		
Piping-1-(3)	03/18/08	3	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U
Piping-2-(3)	03/18/08	3	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U
Piping-3-(3)	03/18/08	3	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U
Piping-15(1.5-2.0)	04/24/08	3	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A Cleanup Level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Cleanup Level.

TABLE 14
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Dry Wells											
Drywell-2-10-10.5	03/17/08	10-10.5	**1.48**	1.16 U	**5.39**	2.3 U	**34.3**	**4.6**	5.79 U	**58.3**	0.0174 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1.18 U	1.18 U	**9.37**	2.1 U	**30.1**	**4.85**	5.90 U	**130**	0.0177 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	**1.64**	1.28 U	**7.51**	NA	**17.3**	**3.01**	6.40 U	**53.1**	0.102U
DrywellSeds-2[1]	03/19/08	8.5-9	1.17 U	1.17 U	**5.28**	2.2 U	**29.9**	**5.05**	5.85 U	**51.6**	0.0175 U
DrywellSeds-3[1]	03/19/08	13.5-14	1.28 U	1.28 U	**5.68**	2.2 U	**26.4**	**4.40**	6.38 U	**50.6**	0.0191 U
Spoils Removed During Drywell Decommissioning											
Stockpile-2	03/18/08	NA	**1.42**	1.17 U	**12.8**	2.4 U	**27.4**	**14.4**	5.84 U	**125**	**0.0280**
Stockpile-3[1]	03/18/08	NA	**1.55**	1.06 U	**10.2**	2.2 U	**35.7**	**13.5**	5.32 U	**79.0**	0.0160 U
Septic System Piping											
Piping-1-(3)	03/18/08	3	1.25 U	1.25 U	**11.1**	2.1 U	**38.1**	**11.9**	6.27 U	**172**	**0.0489**
Piping-2-(3)	03/18/08	3	**2.45**	1.17 U	**12.9**	2.3 U	**33.3**	**9.94**	5.84 U	**168**	**0.0549**
Piping-3-(3)	03/18/08	3	**1.55**	1.41 U	**13.2**	2.4 U	**36.5**	**15.7**	7.03 U	**195**	**0.135**
Piping-15(1.5-2.0)	04/24/08	3	**3.82**	1.20 U	**17.3**	NA	**25.8**	**8.01**	6.00 U	**121**	0.0960 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
Bold: indicates analyte detection

TABLE 15
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
			Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Dry Well										
Drywell-4 (9.5-10)	03/19/08	9.5-10	NA	NA	20.7 U	51.7 U	103 U	NA	NA	NA
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	NA	20.0 U	49.9 U	99.8 U	NA	NA	NA
Drywell-5 (16.5-17)	03/20/08	16.5-7	NA	NA	18.7 U	46.7 U	93.3 U	NA	NA	NA
DrywellSeds-5	03/20/08	12.5-13.0	NA	NA	17.2 U	42.9 U	85.8 U	NA	NA	NA
Septic System Piping										
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.0	NS	20.4 U	50.9 U	102 U	NA	NA	NA
Spoils Removed During Dry Well Decommissioning										
Stockpile-4[1]	03/19/08	NA	NA	NA	20.6 U	51.6 U	103 U	NA	NA	NA
Stockpile-5[1]	03/20/08	NA	NA	NA	20.5 U	51.2 U	**Detected**	NA	**34.0**	**456**
MTCA Regulatory Criteria[2]			NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)																
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	280 U	56 U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	280 U	28 U	5.6 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	270 U	54 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	270 U	27 U	5.4 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	53 U	5.3 U	1.1 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	55 U	5.5 U	1.1 U
Septic System Piping																				
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	**240**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	62 U	6.2 U	1.2 U
Piping-14ox(1.5-2.0)	05/22/08	1.5-2.0	1.25-1.75	**67**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	60 U	6.0 U	1.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[1]	03/19/08	NA	NA	290 U	59 U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	290 U	29 U	5.9 U
Stockpile-5[1]	03/20/08	NA	NA	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	54 U	5.4 U	1.1 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE	NE	160,000[4]	77,000[4]

Table 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)																
				2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	5.6 U	5.6 U	28 U	1.6[5] U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	5.4 U	5.4 U	27 U	1.6[5] U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Septic System Piping																				
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-14ox(1.5-2.0)	05/22/08	1.5-2.0	1.25-1.75	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[1]	03/19/08	NA	NA	5.9 U	5.9 U	29 U	1.6[5] U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
Stockpile-5[1]	03/20/08	NA	NA	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]	800,000[3]	NE	15,000[4]	NE	NE

Table 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)																
				cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	56 U	28[11] U	56 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	54 U	27[11] U	54 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	5.3 U	11 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U
Septic System Piping																				
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	12 U	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-14ox(1.5-2.0	05/22/08	1.5-2.0	1.25-1.75	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	12 U	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[1]	03/19/08	NA	NA	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	59 U	29[11] U	59 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U
Stockpile-5[1]	03/20/08	NA	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				5,600[4]	5,600[4]	NE	NE	6,000	13,000[4]	NE	NE	48,000,000[3]	20	NE	100	5,000	NE	33,000[4]	38,000[4]	5,000[4]

Table 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
				1,1,2-Trichloro-1,2,2-trifluoro	Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Dry Wells																			
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	28 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	17 U	17 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	**14**	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	16 U	16 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Septic System Piping																			
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-14ox(1.5-2.0	05/22/08	1.5-2.0	1.25-1.75	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-4[1]	03/19/08	NA	NA	29 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	18 U	18 U
Stockpile-5[1]	03/20/08	NA	NA	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
MTCA Regulatory Criteria[2]				2,400,000,000[3]	50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quanti
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not clea levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation l
5. MDL is reported.
U: Not detected above the reporting limits. Each reporting limit is reported.

TABLE 17
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Dry Wells																					
Drywell-4 (9.5-10)	03/19/08	9.5-10	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U	370 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	35 U	35 U	35 U	350 U	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U	350 U
DrywellSeds-5	03/20/08	12.5-13.0	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Septic System Piping																					
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Spoils Removed During Dry Well Decommissioning																					
Stockpile-4[2]	03/19/08	NA	39 U	39 U	39 U	0.39 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Stockpile-5[2]	03/20/08	NA	36 U	36 U	36 U	0.36 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 17
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	350 U	35 U	35 U	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
DrywellSeds-5	03/20/08	12.5-13.0	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Septic System Piping																				
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[2]	03/19/08	NA	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Stockpile-5[2]	03/20/08	NA	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 17
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	350 U	350 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
DrywellSeds-5	03/20/08	12.5-13.0	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Septic System Piping																				
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[2]	03/19/08	NA	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Stockpile-5[2]	03/20/08	NA	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 18
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																			
Drywell-4 (9.5-10)	03/19/08	9.5-10	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	NA	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	72.5	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	NA	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U
DrywellSeds-5	03/20/08	12.5-13.0	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	NA	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U
Septic System Piping																			
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	NA	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-4[2]	03/19/08	NA	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	NA	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U
Stockpile-5[2]	03/20/08	NA	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	NA	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A Cleanup Level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 19
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)									Leachable Metals EPA Method 1312 (mg/L)
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	Cadmium
Dry Well												
Drywell-4 (9.5-10)	03/19/08	9.5-10	1.37 U	1.37 U	**4.57**	2.2 U	**12.9**	**5.74**	6.87 U	**55.9**	**0.0563**	NA
DrywellSeds-4[1]	03/19/08	5.5-6.0	**2.87**	**2.41**	**23.3**	2.2 U	**46.6**	**53.0**	**11.4**	**119**	**0.149**	NA
Drywell-5 (16.5-17)	03/20/08	16.5-7	1.12 U	1.12 U	**7.74**	2.1 U	**22.7**	**3.81**	5.59 U	**39.3**	0.0168 U	NA
DrywellSeds-5	03/20/08	12.5-13.0	**2.07**	1.23 U	**4.98**	2.2 U	**27.7**	**4.12**	6.15 U	**47.9**	0.0185 U	NA
Septic System Piping												
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	**3.14**	**1.54**	**18.4**	NA	**28.2**	**17.6**	6.95 U	**142**	0.111 U	
Spoils Removed During Dry Well Decommissioning												
Stockpile-4[1]	03/19/08	NA	**2.34**	**2.13**	**20.6**	2.4 U	**36.5**	**34.7**	6.67 U	**102**	**0.0569**	NA
Stockpile-5[1]	03/20/08	NA	**1.37**	1.28 U	**12**	2.2 U	**48.6**	**21.00**	6.38 U	**71.0**	0.0191 U	NA
Excavation South of Paint Booth												
CAA-4-1(2.5-3.0)	04/25/08	2.5-3.0	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-2(2.0-2.5)	04/25/08	2.0-2.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-3(3.0-3.5)	04/25/08	3.0-3.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-4(3.0-3.5)	04/25/08	3.0-3.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-5(2.0-2.5)	04/25/08	2.0-2.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-6(2.5-3.0)	04/25/08	2.5-3.0	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2	NA
Method B Cleanup Level Protective of Groundwater			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050[4]

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. For cadmium, the leaching test effluent concentration must be less than, or equal to, ten times the applicable ground water cleanup level established under WAC 173-340-720.
Bold: indicates analyte detection
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 20
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons and Metals
The Village at Evergreen
Cleanup Action Areas 5
Vancouver, Washington

Sample Identification	Date	Location of Sample	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range	Diesel	Oil
Used Oil Drum Storage										
CAA-5-1(0.5-1.0)	04/09/08	Base	0.5-1.0	0.4	NS	NA	NA	NA	21.7 U	43.3 U
Bottomless Septic Tank										
Septic-2-(7.5)[1]	03/17/08	Base of Septic Tank	7.5	NA	NA	18.5 U	46.4 U	92.7 U	NA	NA
Dry Well										
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	NA	NA	21.6 U	53.9 U	108 U	NA	NA
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	NA	NA	22.6 U	56.4 U	113 U	NA	NA
Spoils Removed During Dry Well Decommissioning										
Stockpile-1[1]	03/18/08	Stockpile	NA	NA	NA	19.1 U	47.9 U	95.7 U	NA	NA
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	NA	NA	21.5 U	53.7 U	107 U	NA	NA
Septic System Piping										
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	0.5	NS	18.1 U	45.2 U	90.4 U	NA	NA
MTCA Regulatory Criteria[2]			NA	NA	NA	NE	NE	NE	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (μg/Kg)													
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Bottomless Septic Tank																	
Septic-2 (7.5)[1]	03/17/08	7.5	0-0.5	59 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Dry Well																	
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	270 U	54 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U
Spoils Removed During Dry Well Decommissioning																	
Stockpile-1[1]	03/18/08	Stockpile	NA	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	58 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Septic System Piping																	
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	**350**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	**89**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)													
				2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)
Bottomless Septic Tank																	
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U
Dry Well																	
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	270 U	27 U	5.4 U	5.4 U	5.4 U	27 U	5.4[11] U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U
Spoils Removed During Dry Well Decommissioning																	
Stockpile-1[1]	03/18/08	Stockpile	NA	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U
Septic System Piping																	
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	160,000[4]	77,000[4]	NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)												
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene
Bottomless Septic Tank																
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dry Well																
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-1[1]	03/18/08	Stockpile	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Septic System Piping																
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				4,000,000[3]	800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	6,000	13,000[4]	NE

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)												
				p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro	Tetrachlorethene (PCE)
Bottomless Septic Tank																
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	1.2 U	12 U	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dry Well																
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	1.1 U	11 U	NA	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	5.4 U	54 U	NA	27[11] U	54 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	**22**	5.4 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-1[1]	03/18/08	Stockpile	NA	1.1 U	11 U	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	1.2 U	1.2 U	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Septic System Piping																
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	1.2 U	**16**	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	1.1 U	11 U	NA	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	48,000,000[3]	NE	20	NE	100	5,000	NE	33,000[4]	38,000[4]	5,000[4]	2,400,000,000[3]	50.0

TABLE 21 Soil Chemical Analytical Results VOCs The Village at Evergreen Cleanup Action Area 5 Vancouver, Washington																	
Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Bottomless Septic Tank																	
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Dry Well																	
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	16 U	16 U
Spoils Removed During Dry Well Decommissioning																	
Stockpile-1[1]	03/18/08	Stockpile	NA	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Septic System Piping																	
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
MTCA Regulatory Criteria[2]				7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
U: Not detected above the laboaratory MRLs. Each reporting limit is reported.

TABLE 22
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,l)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Bottomless Septic Tank																					
Septic-2-7.5[2]	03/17/08	7.5	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Dry Well																					
Drywell-1-13-13.5	03/17/08	13-13.5	38 U	38 U	38 U	380 U	380 U	38 U	38 U	38 U	38 U	380 U	380 U	380 U	380 U	380 U	380 U	38 U	38 U	380 U	380 U
DrywellSeds-1	03/19/08	NA	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																					
Stockpile-1[2]	03/18/08	NA	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Duplicate-1[2]	03/18/08	NA	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Septic System Piping																					
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 22
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Bottomless Septic Tank																				
Septic-2-7.5[2]	03/17/08	7.5	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Dry Well																				
Drywell-1-13-13.5	03/17/08	13-13.5	380 U	38 U	38 U	380 U	380 U	380 U	380 U	38 U	380 U	38 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
DrywellSeds-1	03/19/08	NA	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-1[2]	03/18/08	NA	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Duplicate-1[2]	03/18/08	NA	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Septic System Piping																				
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 22
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Bottomless Septic Tank																				
Septic-2-7.5[2]	03/17/08	7.5	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Dry Well																				
Drywell-1-13-13.5	03/17/08	13-13.5	380 U	380 U	380 U	38 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
DrywellSeds-1	03/19/08	NA	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-1[2]	03/18/08	NA	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Duplicate-1[2]	03/18/08	NA	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Septic System Piping																				
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 23
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Bottomless Septic Tank																			
Septic-2-7.5[2]	03/17/08	7.5	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	NA	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	37 U	37.3 U	37.3 U	37.3 U
Dry Well																			
Drywell-1-13-13.5	03/17/08	13-13.5	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	NA	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U
DrywellSeds-1	03/19/08	NA	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	NA	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-1[2]	03/18/08	NA	32.9 U	32.9 U	32.9 U	32.9 U	32.9 U	32.9 U	32.9 U	NA	32.9 U	32.9 U	32.9 U	**66.6**	32.9 U	32.9 U	32.9 U	**44.6**	**54.7**
Duplicate-1[2]	03/18/08	NA	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U
Septic System Piping																			
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	41.6 U	41.6 U	41.6 U	**138**	**126**	NA	NA	**251**	**85.0**	**135**	41.6 U	**196**	41.6 U	**115**	41.6 U	**42.5**	**145**
Piping-17ox(2.0-2.5)	05/28/08	2.0-2.5	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 24
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Used Oil Drum Storage											
CAA-5-1(0.5-1.0)	04/09/08	0.5-1.0	NA	1.19 U	**19.7**	0.4 U	NA	**7.02**	NA	NA	NA
Bottomless Spetic Tank											
Septic-2-7.5[1]	03/17/08	7.5	**1.82**	**5.48**	**10.1**	2.4 U	**42.4**	**11.7**	**15.3**	**263**	**1.29**
Septic-2 (9.5-10.0)	03/25/08	9.5-10.0	1.31 U	1.31 U	**5.29**	0.4 U	**27.0**	**3.55**	6.55 U	**61.6**	0.0196 U
Dry Well											
Drywell-1-13-13.5	03/17/08	13-13.5	1.26 U	1.26 U	**3.79**	2.3 U	**15.7**	**3.46**	6.29 U	**30.3**	0.0189 U
DrywellSeds-1	03/19/08	NA	1.29 U	1.29 U	**6.71**	2.2 U	**38.0**	**4.67**	6.46 U	**57.8**	0.0194 U
Spoils Removed During Dry Well Decommissioning											
Stockpile-1[1]	03/18/08	NA	1.29 U	1.29 U	**14.7**	2.2 U	**35.1**	**10.8**	6.45 U	**118**	**0.0297**
Duplicate-1[1]	03/18/08	NA	1.33 U	1.33 U	**9.36**	2.3 U	**29.4**	**16.1**	6.66 U	**75.3**	**0.0213**
Septic System Piping											
Piping-17 (0.5-1.0)[1]	04/25/08	0.5-1.0	**2.44**	1.32 U	**16.9**	NA	**22.5**	**8.86**	6.60 U	**109**	0.106 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off-site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
Bold: indicates analyte detection
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 25
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
French Drain Feature											
French Drain-1 (7-7.5)	03/21/08	7-7.5	Beneath French Drain	NA	NA	17.4 U	43.5 U	87.1 U	NA	NA	NA
Drainline-1[1]	03/21/08	NA	Beneath Drainline	NA	NA	0.237 U	0.593 U	1.19 U	NA	NA	NA
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	Beneath Drainline	0.7	NS	21.0 U	52.5 U	105 U	NA	NA	NA
Septic Junction Box											
CAA-6-1 (6.0)	03/25/08	6.0	Base	0.0	NS	22.2 U	55.5 U	111 U	NA	NA	NA
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	1.4	NS	20.9 U	52.2 U	104 U	NA	NA	NA
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	0.0	NS	23.2 U	57.9 U	116 U	NA	NA	NA
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	0.0	NS	22.3 U	55.7 U	111 U	NA	NA	NA
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	0.0	NS	22.6 U	56.4 U	113 U	NA	NA	NA
Stockpile-7	03/25/08	NA	Stockpile	0.0	NS	25.1 U	62.9 U	126 U	NA	NA	NA
Septic System Piping											
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	Beneath Piping	0.8	NS	24.1 U	60.3 U	121 U	NA	NA	NA
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	Beneath Piping	0.6	NS	21.4 U	53.4 U	107 U	NA	NA	NA
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	Beneath Piping	0.8	NS	20.1 U	50.2 U	100 U	NA	NA	NA
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	Beneath Piping	1	NS	20.1 U	50.2 U	100 U	NA	NA	NA
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	Beneath Piping	0.3	NS	20.6 U	51.6 U	**Detected**	NA	32.9 U	65.8 U
Piping 11ox(5-5.5)	05/01/08	5.0-5.5	Beneath Piping	0.0	NS	NA	NA	NA	NA	22.1 U	44.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	Beneath Piping	0.6	NS	20.3 U	50.7 U	101 U	NA	NA	NA
Dup 8[1]	04/15/08	3.5-4.0	Piping-12 Duplicate	0.6	NS	17.9 U	44.8 U	89.5 U	NA	NA	NA
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	Beneath Piping	0.0	NS	23.9 U	59.6 U	119 U	NA	NA	NA
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	Beneath Piping	0.0	NS	21.5 U	53.8 U	108 U	NA	NA	NA
Piping-20 (3-3.5)[1]	05/01/08	3.0-3.5	Beneath Piping	0.0	NS	21.7 U	54.3 U	109 U	NA	NA	NA
Piping-21(2-2.5)	05/01/08	2.0-2.5	Beneath Piping	0.0	NS	19.9 U	49.9 U	99.7 U	NA	NA	NA
MTCA Regulatory Criteria[2]				NA	NA	NA	NE	NE	NE	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
French Drain Feature																			
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
Drainline-1[1]	03/21/08	NA	0-0.5	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Septic Junction Box																			
CAA-6-1 (6.0)	03/25/08	6.0	NA	56 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	63 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.3 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
Stockpile-7	03/25/08	NA	NA	66 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.6 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U
Septic System Piping																			
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	65 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.5 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	58 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	**130**	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	55 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	56 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
French Drain Feature																			
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
Drainline-1[1]	03/21/08	NA	0-0.5	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Septic Junction Box																			
CAA-6-1 (6.0)	03/25/08	6.0	NA	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	63 U	6.3 U	1.3 U	1.3 U	1.3 U	6.3 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
Stockpile-7	03/25/08	NA	NA	66 U	6.6 U	1.3 U	1.3 U	1.3 U	6.6 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U	1.3 U	1.3 U	1.3 U
Septic System Piping																			
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	65 U	6.5 U	1.3 U	1.3 U	1.3 U	6.5 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U	1.3 U	1.3 U	1.3 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
Piping-18 (3-3.5)[1]	05/01/08	3.0-3.5	0.0-0.5	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
Piping-19 (3-3.5)[1]	05/01/08	3.0-3.5	0.0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
Piping-20 (3-3.5)[1]	05/01/08	3.0-3.5	0.0-0.5	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
MTCA Regulatory Criteria[2]				NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
French Drain Feature																		
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Drainline-1[1]	03/21/08	NA	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Septic Junction Box																		
CAA-6-1 (6.0)	03/25/08	6.0	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Stockpile-7	03/25/08	NA	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
Septic System Piping																		
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-18 (3-3.5)[1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
Piping-19 (3-3.5)[1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-20 (3-3.5)[1]	05/01/08	3.0-3.5	0.0-0.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
MTCA Regulatory Criteria[2]				800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
French Drain Feature																		
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
Drainline-1[1]	03/21/08	NA	0-0.5	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Septic Junction Box																		
CAA-6-1 (6.0)	03/25/08	6.0	NA	1.1 U	11 U	NA	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.3 U	13 U	NA	NA	6.3 U	13 U	1.3 U	6.3 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Stockpile-7	03/25/08	NA	NA	1.3 U	13 U	NA	NA	6.6 U	13 U	1.3 U	6.6 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
Septic System Piping																		
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.3 U	13 U	NA	NA	6.5 U	13 U	1.3 U	6.5 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	1.1 U	11 U	NA	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.1 U	11 U	NA	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
MTCA Regulatory Criteria[2]				NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
French Drain Feature																		
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Drainline-1[1]	03/21/08	NA	0-0.5	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Septic Junction Box																		
CAA-6-1 (6.0)	03/25/08	6.0	NA	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Stockpile-7	03/25/08	NA	NA	1.3 U	6.6 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	4.0 U	4.0 U
Septic System Piping																		
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.3 U	6.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.9 U	3.9 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
MTCA Regulatory Criteria[2]				50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:

1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRLs. Each MRL is reported.

TABLE 27
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
French Drain Feature																					
French Drain-1 (7-7.5)	03/21/08	7-7.5	35 U	35 U	35 U	350 U	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U	350 U
Drainline-1[2]	03/21/08	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Septic Junction Box																					
CAA-6-1 (6.0)	03/25/08	6.0	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	37 U	370 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	41 U	41 U	41 U	0.41 U	41 U	41 U	41 U	41 U	41 U	410 U	410 U	410 U	410 U	410 U	0.41 U	41 U	41 U	410 U	410 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	42 U	42 U	42 U	420 U	42 U	42 U	42 U	42 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	42 U	42 U	420 U	420 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Stockpile-7	03/25/08	NA	870 U	870 U	870 U	8,700 U	870 U	870 U	870 U	870 U	870 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	870 U	870 U	8,700 U	8,700 U
Septic System Piping																					
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-11(4.0-4.5)[2]	04/15/08	4.0-4.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-12(3.5-4.0)[2]	04/15/08	3.5-4.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dup-8[2]	04/15/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-18 (3-3.5)[2]	05/01/08	3.0-3.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Piping-19 (3-3.5)[2]	05/01/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-20 (3-3.5)[2]	05/01/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 27
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phthalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
French Drain Feature																				
French Drain-1 (7-7.5)	03/21/08	7-7.5	350 U	35 U	35 U	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Drainline-1[2]	03/21/08	NA	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Septic Junction Box																				
CAA-6-1 (6.0)	03/25/08	6.0	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	410 U	41 U	41 U	410 U	410 U	410 U	410 U	41 U	410 U	41 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	420 U	42 U	42 U	420 U	420 U	420 U	420 U	42 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Stockpile-7	03/25/08	NA	8,700 U	870 U	870 U	870 U	8,700 U	8,700 U	8,700 U	870 U	8,700 U	870 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U
Septic System Piping																				
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-11(4.0-4.5)[2]	04/15/08	4.0-4.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-12(3.5-4.0)[2]	04/15/08	3.5-4.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dup-8[2]	04/15/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-18 (3-3.5)[2]	05/01/08	3.0-3.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Piping-19 (3-3.5)[2]	05/01/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-20 (3-3.5)[2]	05/01/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 27
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
French Drain Feature																				
French Drain-1 (7-7.5)	03/21/08	7-7.5	350 U	350 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Drainline-1[2]	03/21/08	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Septic Junction Box																				
CAA-6-1 (6.0)	03/25/08	6.0	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	410 U	410 U	410 U	41 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	420 U	420 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Stockpile-7	03/25/08	NA	8,700 U	8,700 U	8,700 U	870 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U
Septic System Piping																				
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-11(4.0-4.5)[2]	04/15/08	4.0-4.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-12(3.5-4.0)[2]	04/15/08	3.5-4.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dup-8[2]	04/15/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-18 (3-3.5) [2]	05/01/08	3.0-3.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Piping-19 (3-3.5) [2]	05/01/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-20 (3-3.5) [2]	05/01/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 28
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
French Drain Feature																			
French Drain-1 (7-7.5)	03/21/08	7-7.5	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	NA	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U
Drainline-1[2]	03/21/08	NA	211 U	211 U	211 U	211 U	211 U	211 U	211 U	NA	211 U	**232**	211 U	211 U	211 U	211 U	211 U	211 U	211 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	NA	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U
Septic Junction Box																			
CAA-6-1 (6.0)	03/25/08	6.0	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	NA	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	NA	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	NA	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	NA	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	NA	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U
Stockpile-7	03/25/08	NA	395 U	395 U	395 U	395 U	395 U	395 U	395 U	NA	395 U	395 U	395 U	395 U	395 U	395 U	395 U	395 U	395 U
Septic System Piping																			
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	NA	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	34.1 U	34.1 U	**185**	**393**	**446**	**431**	**401**	NA	**215**	**422**	**262**	**316**	**56.9**	**263**	34.1 U	**204**	**344**
Piping 8ox(4.5-5)	05/01/08	4.5-5.0	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	NA	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	77.6 U	77.6 U	77.6 U	77.6 U	77.8[6] U	77.6 U	77.6 U	NA	136[6] U	77.6 U	153[6] U	77.6 U	77.6 U	153[6] U	77.6 U	77.6 U	77.6 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	NA	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U
Piping-11(4.0-4.5)[2]	04/14/08	4.0-4.5	75.3 U	75.3 U	75.3 U	**102**	376 U	NA	NA	151 U	376 U	**189**	376 U	**199**	75.3 U	376 U	75.3 U	**97.7**	**307**
Piping-11ox(6.0-6.5)	05/22/08	6.0-6.5	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U
Piping-12(3.5-4.0)[2]	04/14/08	3.5-4.0	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	NA	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U
Piping-12ox(5.0-5.5)	05/22/08	5.0-5.5	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U
Dup-8[2]	04/15/08	3.5-4.0	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	NA	NA	117 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	**76.4**
Piping-18 (3-3.5) [2]	05/01/08	3.0-3.5	69.3 U	69.3 U	69.3 U	**140**	**84.7**	NA	NA	**143**	69.3 U	**140**	69.3 U	**401**	69.3 U	69.3 U	69.3 U	**170**	**305**
Piping-18 ox(4.0-4.5)	05/22/08	4.0-4.5	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	NA	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U
Piping-19 (3-3.5) [2]	05/01/08	3.0-3.5	66.1 U	66.1 U	66.1 U	66.1 U	66.1 U	66.1 U	66.1 U	NA	66.1 U	66.1 U	66.1 U	**100**	66.1 U	66.1 U	66.1 U	66.1 U	**75.8**
Piping-19ox(4.0-4.5)	05/22/08	4.0-4.5	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	NA	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U
Piping-20 (3-3.5) [2]	05/01/08	3.0-3.5	70.1 U	70.1 U	70.1 U	70.1 U	70.1 U	70.1 U	70.1 U	NA	70.1 U	70.1 U	70.1 U	**139**	70.1 U	70.1 U	70.1 U	70.1 U	**111**
Piping-20ox(4.0-4.5)	05/22/08	4.0-4.5	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	NA	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	NA	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
6. MDL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported, unless noted.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 29
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
French Drain Feature											
French Drain-1 (7-7.5)	03/21/08	7-7.5	1.24 U	1.24 U	**4.74**	2.1 U	**20.8**	**5.25**	6.22 U	**53.5**	0.0187 U
Drainline-1[1]	03/21/08	NA	**2.06**	1.53 U	**21.2**	2.4 U	**38.4**	**39.80**	7.64 U	**131**	**0.0244**
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	**2.27**	1.39 U	**15.8**	NA	**41.2**	**17.1**	6.95 U	**112**	0.111 U
Septic Junction Box											
CAA-6-1 (6.0)	03/25/08	6.0	1.29 U	1.29 U	**6.85**	0.4 U	**19.5**	**5.22**	6.44 U	**40.8**	0.0193 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	1.37 U	1.37 U	**7.28**	0.4 U	**25.3**	**3.67**	6.84 U	**38.3**	**0.0356**
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	**3.61**	1.27 U	**14.1**	0.4 U	**22.9**	**7.85**	6.34 U	**72.5**	0.0190 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	**2.99**	1.23 U	**13.6**	0.4 U	**23.7**	**9.20**	6.17 U	**72.7**	0.0185 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	**1.51**	1.28 U	**9.72**	0.4 U	**28.3**	**8.33**	6.39 U	**109**	**0.0307**
Stockpile-7	03/25/08	NA	**2.92**	1.48 U	**15.9**	0.4 U	**29.4**	**17.60**	7.42 U	**118**	0.0223 U
Septic System Piping											
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	**2.34**	1.29 U	**20.7**	0.4 U	**35.8**	**13.7**	6.47 U	**132**	**0.116**
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	**2.66**	1.23 U	**15.5**	NA	**29.5**	**10.6**	6.14 U	**103**	0.0982 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	**2.40**	1.23 U	**18.0**	NA	**44.5**	**26.2**	6.13 U	**144**	**0.172**
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	**3.80**	1.49 U	**18.3**	NA	**31.8**	**28.7**	7.46 U	**90.4**	0.119 U
Piping-11(4.0-4.5)[1]	04/14/08	4.0-4.5	**2.60**	1.31 U	**13.6**	NA	**27.6**	**16.0**	6.56 U	**67.5**	0.105 U
Piping-12(3.5-4.0)[1]	04/14/08	3.5-4.0	**2.06**	1.20 U	**12.4**	NA	**24.9**	**15.7**	6.00 U	**179**	0.0960 U
Dup-8[1]	04/15/08	3.5-4.0	**1.71**	1.33 U	**11.0**	NA	**23.1**	**20.1**	6.67 U	**300**	0.107 U
Piping-18 (3-3.5)[1]	5/1/2008	3.0-3.5	**2.17**	1.20 U	**15.6**	NA	**30.3**	**10.5**	6.01 U	**109**	0.0961 U
Piping-19 (3-3.5)[1]	5/1/2008	3.0-3.5	**2.13**	1.20 U	**14.3**	NA	**25.2**	**11.8**	6.01 U	**81.4**	0.0961 U
Piping-20 (3-3.5)[1]	5/1/2008	3.0-3.5	**1.81**	1.18 U	**8.9**	NA	**12.6**	**21.0**	5.92 U	**64.3**	0.0946 U
Piping-21(2-2.5)	5/1/2008	2.0-2.5	**2.49**	1.26 U	**9.0**	NA	**30.8**	**10.1**	6.26 U	**55.4**	0.101 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection

TABLE 30
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Location of Sample	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Drainage Feature Near Hangar Building No. 2											
CAA-7-1(3.5-4.0)	03/26/08	Base	3.5-4.0	3.2	NS	23.6 U	59.0 U	118 U	NA	NA	NA
CAA-7-2(3.5-4.0)	03/26/08	Base	3.5-4.0	6.7	NS	24.6 U	61.6 U	123 U	NA	NA	NA
CAA-7-3(3.0-3.5)[1]	04/14/08	Sidewall	3.0-3.5	0.4	NS	22.4 U	56.0 U	112 U	NA	NA	NA
CAA-7-4(2.0-2.5)	04/14/08	Sidewall	2.0-2.5	0.6	NS	22.4 U	56.0 U	112 U	NA	NA	NA
CAA-7-5(2.5-3.0)	04/14/08	Sidewall	2.5-3.0	0.7	NS	19.2 U	48.0 U	95.9 U	NA	NA	NA
CAA-7-6(1.5-2.0)	04/14/08	Sidewall	1.5-2.0	0.6	NS	20.3 U	50.7 U	101 U	NA	NA	NA
MTCA Regulatory Criteria[2]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Drainage Feature Near Hangar Building No. 2																		
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	64 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	64 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
MTCA Regulatory Criteria[2]			8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Drainage Feature Near Hangar Building No. 2																		
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
MTCA Regulatory Criteria[2]			NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (μg/Kg)														
			cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Drainage Feature Near Hangar Building No. 2																	
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
MTCA Regulatory Criteria[2]			800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Drainage Feature Near Hangar Building No. 2																		
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	6.1 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	6.1 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	5.9 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	1.3 U	13 U	NA	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	6.4 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	6.0 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	1.3 U	13 U	NA	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	6.4 U
MTCA Regulatory Criteria[2]			NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Drainage Feature Near Hangar Building No. 2																	
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
MTCA Regulatory Criteria[2]			50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRLs. Each MRL is reported.

TABLE 32
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,l)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Drainage Feature Near Hangar Building No. 2																					
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-3ox(3.0-3.5)	05/22/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 32
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoluene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Drainage Feature Near Hangar Building No. 2																				
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	**920**	390 U	390 U	**630**	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-3ox(3.0-3.5)	05/22/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			80,000[4]	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 32
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Drainage Feature Near Hangar Building No. 2																				
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-3ox(3.0-3.5)	05/22/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	420 U	420 U	420 U	420 U	420 U	420 U	420 U	NA	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	420 U	420 U	420 U	420 U	420 U	420 U	420 U	NA	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 33
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																																
			Acenaphthene		Acenaphthylene		Anthracene		Benzo(a)anthracene[1]		Benzo(a)pyrene[1]		Benzo(b)fluoranthene[1]		Benzo(k)fluoranthene[1]		Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene		Chrysene[1]		Dibenz(a,h)anthracene[1]		Fluoranthene		Fluorene		Indeno(1,2,3-cd)pyrene[1]		Naphthalene		Phenanthrene		Pyrene	
Drainage Feature Near Hangar Building No. 2																																			
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	NA	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U	42.8	U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	NA	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U	46.5	U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	NA	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U	89.0	U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	NA	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U	41.1	U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	NA	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U	41.7	U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	NA	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U	36.8	U
MTCA Regulatory Criteria[3]			4,800,000[4]		NE		24,000,000[4]		100[5]		100[5]		100[5]		100[5]		NE	NE		100[5]		100[5]		3,200,000[4]		3,200,000[4]		100[5]		5,000		NE		2,400,000[4]	

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 34
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Drainage Feature Near Hangar Building No. 2											
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	**2.77**	1.28 U	**15.2**	0.4 U	**30.2**	**20.3**	6.41 U	**3,320**	0.0192 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	**2.21**	1.28 U	**1.29**	0.4 U	**22.2**	**6.12**	6.38 U	**101**	0.0191 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	**2.44**	1.27 U	**18.2**	NA	**28.7**	**40.8**	6.37 U	**2,180**	0.102 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	**3.21**	1.42 U	**20.7**	0.4 U	**28.5**	**15.9**	7.09 U	**2,960**	0.114 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	**2.77**	1.33 U	**18.7**	NA	**27.5**	**8.81**	6.65 U	**337**	0.106 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	**2.43**	1.40 U	**16.9**	NA	**25.6**	**7.20**	6.98 U	**130**	0.112 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: Indicates analyte detection above the laboratory MRL.
U: Not detected above the laboratory MRLs. Each MRL is reported.

TABLE 35
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Stained Soil Near Drum of Paint											
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	Base	0.2	NS	21.6 U	54.0 U	108 U	NA	NA	NA
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	Sidewall	0.4	NS	23.3 U	58.2 U	116 U	NA	NA	NA
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	Sidewall	0.3	NS	22.4 U	55.9 U	112 U	NA	NA	NA
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	Sidewall	0.1	NS	22.9 U	57.2 U	**Detected**	NA	29.7 U	**794**
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	Sidewall	0.3	NS	22.6 U	56.6 U	113 U	NA	NA	NA
CAA-8-1-4ox (3-3.5)[1]	5/1/08	3-3.5	Sidewall	0.0	NS	NA	NA	NA	NA	25.0 U	**180**
CAA-8-6 (4.5-5.0)	5/22/08	4.5-5.0	Base	NA	NA	NA	NA	NA	NA	27.7 U	55.4 U
Dup-12	5/22/08	NA	CAA-8-6(4.5-5.0) Duplicate	NA	NA	NA	NA	NA	NA	29.6 U	59.3 U
CAA-8-4ox(3.0-3.5)	5/22/08	3.0-3.5	Sidewall	NA	NA	NA	NA	NA	NA	29.2 U	58.4 U
Spoils Removed During Remedial Excavation											
Stockpile-25[1]	4/22/08	NA	Stockpile	0.4	NS	**25.6**[2]	**115**[2]	**1,580**[2]	NA	NA	NA
ASTs											
AST-3(0.5-0.75)[1]	04/09/08	0.5-0.75	Beneath Former AST	0.7	NS	22.1 U	**Detected**	**Detected**	NA	NA	NA
AST-3OX (0.75-1)[1]	04/18/08	0.75-1.0	Beneath Former AST	0.0	NS	25.7 U	**Detected**	128 U	NA	NA	NA
AST-3ox (1-1.25)[1]	05/01/08	1.0-1.25	Beneath Former AST	0.0	NS	NA	NA	NA	NA	**229**	**343**
AST-3-1 (2.0-2.5)	05/22/08	2.0-2.5	Base	NA	NA	NA	NA	NA	NA	22.1 U	44.2 U
AST-3-2(1.0-1.5)	05/22/08	1.0-1.5	Sidewall	NA	NA	NA	NA	NA	NA	29.8 U	59.6 U
AST-3-3(1.5-2.0)	05/22/08	1.5-2.0	Sidewall	NA	NA	NA	NA	NA	NA	26.5 U	52.9 U
AST-3-4(1.0-1.5)	05/22/08	1.0-1.5	Sidewall	NA	NA	NA	NA	NA	NA	**85.0**	64.3 U
AST-3-5(1.5-2.0)	05/22/08	1.5-2.0	Sidewall	NA	NA	NA	NA	NA	NA	**138**	**2,180**
AST-3-5ox(1.5-2.0)	06/04/08	1.5-2.0	Sidewall	NA	NA	NA	NA	NA	NA	25.1 U	50.3 U
Dup-9[1]	05/01/08	1.0-1.25	AST-3ox(1-1.25) Duplicate	0.0	NS	NA	NA	NA	NA	**261**	**398**
AST-4(0.5-1.0)[1]	04/09/08	0.5-1.0	Beneath Former AST	0.1	NS	21.2 U	53.0 U	**Detected**	NA	NA	NA
Dup-6[1]	04/09/08	0.5-1.0	AST-4(0.5-1.0) Duplicate	0.1	NS	21.7 U	54.3 U	**Detected**	NA	NA	NA
AST-4OX (0.75-1)	04/18/08	0.75-1.0	Beneath Former AST	0.0	NS	18.9 U	47.1 U	94.3 U	NA	NA	NA
AST-5(0.5-0.75)	04/09/08	0.5-0.75	Beneath Former AST	1.6	NS	23.0 U	57.6 U	115 U	NA	NA	NA
MTCA Regulatory Criteria[3]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
2. The laboratory estimated the concentrations of gasoline-, diesel-, and heavy oil-range hydrocarbons on HCID quantitation.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A cleanup level.

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Stained Soil Near Drum of Paint																		
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	55 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Spoils Removed During Remedial Excavation																		
Stockpile-25[1]	4/22/08	NA	64 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
MTCA Regulatory Criteria[2]			8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Stained Soil Near Drum of Paint																		
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Spoils Removed During Remedial Excavation																		
Stockpile-25[1]	4/22/08	NA	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
MTCA Regulatory Criteria[2]			NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Stained Soil Near Drum of Paint																	
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Spoils Removed During Remedial Excavation																	
Stockpile-25[1]	4/22/08	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
MTCA Regulatory Criteria[2]			800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Stained Soil Near Drum of Paint																	
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	1.1 U	11 U	NA	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Spoils Removed During Remedial Excavation																	
Stockpile-25[1]	4/22/08	NA	1.3 U	13 U	NA	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
MTCA Regulatory Criteria[2]			NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Stained Soil Near Drum of Paint																	
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Spoils Removed During Remedial Excavation																	
Stockpile-25[1]	4/22/08	NA	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
MTCA Regulatory Criteria[2]			50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 37
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,l)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Stained Soil Near Drum of Paint																					
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Spoils Removed During Remedial Excavation																					
Stockpile-25[2]	4/22/08	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 37
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Stained Soil Near Drum of Paint																				
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Spoils Removed During Remedial Excavation																				
Stockpile-25[2]	4/22/08	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 37
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Stained Soil Near Drum of Paint																				
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Spoils Removed During Remedial Excavation																				
Stockpile-25[2]	4/22/08	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 38
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Stained Soil Near Drum of Paint																			
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	NA	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	NA	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	NA	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	72.5 U	72.5 U	72.5 U	72.5 U	725 U	72.5 U	72.5 U	NA	725 U	72.5 U	725 U	72.5 U	72.5 U	725 U	72.5 U	72.5 U	72.5 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	NA	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U
Spoils Removed During Remedial Excavation																			
Stockpile-25[2]	4/22/08	NA	366 U	366 U	366 U	366 U	366 U	366 U	366 U	NA	366 U	366 U	366 U	366 U	366 U	366 U	366 U	366 U	366 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 39
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471 (mg/Kg)									TCLP Metals EPA Method 6020 (mg/L)	
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	Cadmium	Lead
Stained Soil Near Drum of Paint													
CAA-8-1-1(3.5-4.0)	4/11/2008	3.5-4.0	**1.60**	1.27 U	**9.71**	NA	**25.7**	**4.90**	6.36 U	**55.3**	0.102 U	NA	NA
CAA-8-1-2(2.5-3.0)	4/11/2008	2.5-3.0	**2.14**	1.12 U	**13.9**	NA	**29.9**	**8.24**	5.60 U	**72.0**	0.0896 U	NA	NA
CAA-8-1-3(1.5-2.0)	4/11/2008	1.5-2.0	**2.25**	1.31 U	**16.6**	NA	**26.6**	**11.2**	6.53 U	**78.4**	0.105 U	NA	NA
CAA-8-1-4(3.0-3.5)[1]	4/11/2008	3.0-3.5	**1.80**	1.29 U	**11.5**	NA	**29.3**	**6.64**	6.47 U	**66.5**	0.104 U	NA	NA
CAA-8-1-5(2.5-3.0)	4/11/2008	2.5-3.0	**1.85**	1.45 U	**12.6**	NA	**29.4**	**10.8**	7.24 U	**70.2**	**0.130**	NA	NA
Spoils Removed During Remedial Excavation													
Stockpile-25[1]	4/22/2008	NA	**2.62**	**31.7**	**91.1**	NA	**58.0**	**597**	7.07 U	**362**	**1.08**	**0.142**	**0.123**
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2	NA	NA

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 40
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Dry Well											
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	Beneath Dry Well	0.6	NS	21.5 U	53.8 U	108 U	NA	NA	NA
DrywellSeds-7[1]	04/10/08	8.5	Sediment within Dry Well	4.9	NS	28.1 U	70.3 U	**153**[2]	NA	NA	NA
Spoils Removed During Dry Well Decommissioning											
Stockpile-22	04/11/08	NA	Stockpile	0.6	NS	21.5 U	53.6 U	107 U	NA	NA	NA
Septic System Piping											
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	Beneath Piping	0.9	NS	23.3 U	58.2 U	116 U	NA	NA	NA
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	Beneath Piping	1.0	NS	21.8 U	54.4 U	109 U	NA	NA	NA
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	Beneath Piping	0.6	NS	23.8 U	59.6 U	119 U	NA	NA	NA
MTCA Regulatory Criteria[3]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
2. Heavy oil-range hydrocarbons were quantified based on laboratories review of chromatograms. The laboratory notes that the hydrocarbon is elevated due to the presence of individual analyte peaks in the quantitation range.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the MRL. Each MRL is reported.
Bold: Indicates analyte detection above the MRL. Each MRL is reported.

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
					Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	57 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.7 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	67 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.7 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	NA	Stockpile	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
Septic System Piping																				
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	63 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.3 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
MTCA Regulatory Criteria[2]					8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

GeoDesign

BonesConst-7-01:061308

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
					2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.7 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	67 U	6.7 U	1.3 U	1.3 U	1.3 U	6.7 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U	1.3 U	1.3 U	1.3 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	NA	Stockpile	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
Septic System Piping																				
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	63 U	6.3 U	1.2 U	1.2 U	1.2 U	6.3 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U	1.2 U	1.2 U	1.2 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[2]					NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Dry Well																			
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-22	04/11/08	NA	NA	Stockpile	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Septic System Piping																			
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
MTCA Regulatory Criteria[2]					800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
					p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Dry Well																			
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	1.1 U	11 U	NA	NA	5.7 U	57 U	1.1 U	5.7 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	**2.3**	13 U	NA	NA	6.7 U	13 U	1.3 U	6.7 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-22	04/11/08	NA	NA	Stockpile	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
Septic System Piping																			
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	1.2 U	12 U	NA	NA	6.3 U	12 U	1.2 U	6.3 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[2]					NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
					Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Dry Well																			
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	1.3 U	6.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	4.0 U	4.0 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-22	04/11/08	NA	NA	Stockpile	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Septic System Piping																			
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	**1.4**	6.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.8 U	3.8 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
MTCA Regulatory Criteria[2]					50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: Indicates analyte detection above the MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 42
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,l)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Dry Well																					
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-7[2]	04/10/08	8.5	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
Spoils Removed During Dry Well Decommissioning																					
Stockpile-22	04/11/08	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																					
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 42
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Dry Well																					
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-7[2]	04/10/08	8.5	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	**1,500**	440 U
Spoils Removed During Dry Well Decommissioning																					
Stockpile-22	04/11/08	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																					
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 42
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-7[2]	04/10/08	8.5	440 U	440 U	440 U	440 U	440 U	440 U	440 U	NA	NA	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	410 U	410 U	410 U	410 U	410 U	410 U	410 U	NA	NA	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 43
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	PAHs by EPA Method 8270C-SIM (µg/Kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	Beneath Dry Well	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U
DrywellSeds-7[2]	04/10/08	8.5	Sediment within Dry Well	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	Stockpile	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U
Septic System Piping																				
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	Beneath Piping	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	Beneath Piping	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	Beneath Piping	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U
MTCA Regulatory Criteria[3]				4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[4]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 44
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Dry Well											
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.15 U	1.15 U	**4.83**	NA	**24.2**	**3.38**	5.75 U	**47.2**	0.0920 U
DrywellSeds-7[1]	04/10/08	8.5	**1.98**	**8.89**	**60.5**	NA	**119**	**115**	**53.7**	**551**	**5.24**
Spoils Removed During Dry Well Decommissioning											
Stockpile-22	04/11/08	NA	1.12 U	1.12 U	**16.5**	NA	**29.6**	**20.5**	**9.89**	**70.8**	**0.673**
Septic System Piping											
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	**2.84**	1.38 U	**19.3**	0.4 U	**26.8**	**26.2**	6.89 U	**275**	0.110 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	**2.48**	1.25 U	**19.6**	0.4 U	**28.6**	**10.2**	6.23 U	**184**	0.0996 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	**2.15**	1.29 U	**14.1**	NA	**22.8**	**24.9**	6.47 U	**301**	0.104 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A cleanup level.

TABLE 45
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
			Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Dry Well										
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	0.4	NS	16.9 U	42.2 U	84.5 U	NA	NA	NA
Drywell Seds-8	04/16/08	6.0-6.5	0.0	NS	16.7 U	41.8 U	83.6 U	NA	NA	NA
Septic System Piping										
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0	NS	19.4 U	48.6 U	97.2 U	NA	NA	NA
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	1.4	NS	19.5 U	48.7 U	97.5 U	NA	NA	NA
MTCA Regulatory Criteria[1]			NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Dry Well																			
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	58 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Septic System Piping																			
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	58 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
MTCA Regulatory Criteria[1]				8,000,000[2]	1,900[3]	30	NE	NE	16,000[3]	130,000[3]	110,000[2]	NE	NE	NE	NE	7,700[3]	1,600,000[2]	NE	NE

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Dry Well																			
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Septic System Piping																			
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[1]				NE	160,000[3]	77,000[3]	NE	NE	710[3]	12,000[3]	5.0	NE	7,200,000[2]	NE	42,000[3]	16,000,000[2]	8,000,000[2]	11,000[3]	4,000,000[2]

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Drywell																		
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
Septic System Piping																		
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
MTCA Regulatory Criteria[1]				800,000[2]	NE	15,000[3]	NE	NE	5,600[3]	5,600[3]	NE	NE	NE	6,000	NE	13,000[3]	NE	NE

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Septic Junction Box																		
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Septic System Piping																		
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[1]				NE	48,000,000[2]	NE	40,000,000[2]	20	NE	100	5,000	NE	33,000[3]	NE	NE	38,000[3]	5,000[3]	2,400,000,000[2]

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Drywell																		
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Septic System Piping																		
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
MTCA Regulatory Criteria[1]				50.0	7,000	NE	800,000[2]	2,000	18,000[3]	30.0	24,000,000[2]	140[3]	4,000,000[2]	NE	4,000,000[2]	670[3]	9,000	

Notes:

1. All values are MTCA Method A cleanup levels, unless otherwise noted.
2. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 47
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Dry Well																					
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Drywell Seds-8	04/16/08	6.0-6.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																					
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
MTCA Regulatory Criteria[2]			4,800,000[3]	NE	24,000,000[3]	4.3[4]	100[5]	100[5]	100[5]	NE	100[5]	NE	910[4]	3,200,000[3]	NE	NE	NE	100[5]	100[5]	2,200[4]	160,000[3]

TABLE 47
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Dry Well																				
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Drywell Seds-8	04/16/08	6.0-6.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
MTCA Regulatory Criteria[2]			80,000[3]	3,200,000[3]	3,200,000[3]	630[4]	13,000[4]	480,000[3]	71,000[4]	100[5]	1,100,000[4]	5,000[3]	40,000[3]	20[4]	200,000[4]	140[4]	NE	16,000,000[3]	71,000[4]	8,000,000[3]

TABLE 47
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Well																				
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Drywell Seds-8	04/16/08	6.0-6.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
MTCA Regulatory Criteria[2]			64,000,000[3]	80,000,000[3]	1,600,000[3]	2,400,000[3]	800,000[3]	NE	400,000[3]	NE	NE	240,000[3]	1,600,000[3]	NE	160,000[3]	NE	NE	8,300[4]	48,000,000[3]	91,000[4]

Notes:
1 PAH is considered carcinogenic.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 48
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																			
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	NA	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U
Drywell Seds-8	04/16/08	6.0-6.5	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	NA	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U
Septic System Piping																			
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	NA	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	NA	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U
MTCA Regulatory Criteria[2]			4,800,000[3]	NE	24,000,000[3]	100[4]	100[4]	100[4]	100[4]	NE	NE	100[4]	100[4]	3,200,000[3]	3,200,000[3]	100[4]	5,000	NE	2,400,000[3]

Notes:
1. PAH is considered carcinogenic.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 49
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Dry Well											
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	**1.45**	1.36 U	**10.5**	NA	**28.8**	**8.48**	6.78 U	**64.0**	0.109 U
Drywell Seds-8	04/16/08	6.0-6.5	**1.12**	1.10 U	**8.00**	NA	**31.2**	**4.99**	5.51 U	**57.1**	0.0882 U
Septic System Piping											
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	**3.39**	1.35 U	**8.93**	NA	**23.8**	**8.42**	6.76 U	**60.3**	0.108 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	**2.83**	1.36 U	**18.8**	NA	**25.1**	**8.49**	6.78 U	**84.0**	0.108 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 50
Summary of Groundwater Elevations
The Landing at Evergreen
Vancouver, Washington

Well I.D.	Date Measured	Well Casing Elevation[1] (feet)	Correction Factor[2] (feet)	Corrected Well Casing Elevation[3] (feet)	Depth to Groundwater[4] (feet)	Groundwater Elevation[5] (feet)
MW-1	07/06/05	100.59	206.24	306.83	165.79	141.04
	02/10/06				165.84	140.99
	08/03/06				165.77	141.06
	11/14/06				166.36	140.47
	05/12/08				163.59	143.24
MW-2	07/06/05	97.46	206.24	303.70	162.77	140.93
	02/10/06				162.79	140.91
	08/04/06				162.82	140.88
	11/14/06				163.35	140.35
	05/12/08				160.50	143.20
MW-3	07/06/05	98.23	206.24	304.47	163.33	141.14
	02/10/06				163.36	141.11
	08/03/06				163.34	141.13
	11/14/06				163.88	140.59
	5/12/2008				161.1	143.37

Notes:
1. Well casing elevations were surveyed on July 26, 2005 by licensed land surveyor Thurston and Associates, Inc. The casing elevations are relative to an assumed elevation of 100.00 feet above MSL.
2. A correction factor of 206.24 feet was determined by subtracting the topographic contour elevation of 305.00 feet (as shown near monitoring well MW-3 provided on the site drawing provided by KC Development) from the ground surface elevation at MW-3 (98.76 feet), as surveyed on July 26, 2005 by Thurston and Associates, Inc.
3. The corrected well casing elevation was calculated by adding the surveyed well casing elevation to the correction factor.
4. The depths to water were measured relative to the tops of the monitoring well casings.
5. Groundwater elevations were calculated by subtracting the water depths from the corrected well casing elevations.

TABLE 51
Groundwater Chemical Analytical Results
TPHs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	Date	Hydrocarbon Identification by Method NWTPH-HCID (mg/L)		
		Gasoline Range	**Diesel Range**	**Heavy Oil Range**
MW-1	07/06/05	0.278 U	0.700 U	0.700 U
	02/10/06	0.245 U	0.618 U	0.618 U
	08/03/06	0.238 U	0.600 U	0.600 U
	05/12/08	0.0990 U	0.248 U	0.495 U
MW-2	07/06/05	0.250 U	0.630 U	0.630 U
	02/10/06	0.250 U	0.630 U	0.630 U
	08/04/06	0.250 U	0.630 U	0.630 U
	05/12/08	0.100 U	0.250 U	0.500 U
MW-3	07/06/05	0.250 U	0.630 U	0.630 U
	02/10/06	0.248 U	0.624 U	0.624 U
	08/03/06	0.250 U	0.630 U	0.630 U
	05/12/08	0.102 U	0.255 U	0.510 U
MW-2-86	06/22/05	0.250 U	0.630 U	0.630 U
MTCA Method A Cleanup Level[1]		1.0	0.5	0.5

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 52
Groundwater Chemical Analytical Results
VOCs
The Landing at Evergreen
Vancouver, Washington

	VOCs by EPA Method 8260B (µg/L)													MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1				MW-2-86	MW-2				MW-3				
Date	07/06/05	02/10/06	08/03/06	05/12/08	06/22/05	07/06/05	02/10/06	08/04/06	05/12/08	07/06/05	02/10/06	08/03/06	05/12/08	
Acetone	25.0 U	25.0 U	25.0 U	20.0 U	25.0 U	25.0 U	25.0 U	25.0 U	20.0 U	25.0 U	25.0 U	25.0 U	20.0 U	800[2]
Benzene	1.00 U	0.400 U	0.400 U	0.250 U	1.00 U	1.00 U	0.400 U	0.400 U	0.250 U	1.00 U	0.400 U	0.400 U	0.250 U	5.0
Bromobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
Bromochloromethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
Bromodichloromethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.71[2]
Bromoform	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	5.5[2]
Bromomethane	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	11[2]
2-Butanone	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NE
n-Butylbenzene	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	1.00 U	NE
sec-Butylbenzene	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	NE
tert-Butylbenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
Carbon Disulfide	10.0 U	2.00 U	2.00 U	NA	10.0 U	10.0 U	2.00 U	2.00 U	NA	10.0 U	2.00 U	2.00 U	NA	800[2]
Carbon Tetrachloride	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.34[2]
Chlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	160[2]
Chloroethane	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	0.400 U	0.400 U	2.00 U	NE
Chloroform	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	0.400 U	0.400 U	2.00 U	7.2[2]
Chloromethane	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.4[2]
2-Chlorotoluene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
4-Chlorotoluene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,2-Dibromo-3chloropropane	5.00 U	2.00 U	2.00 U	2.00 U	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	0.031[2]
Dibromochloromethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.52[2]
1,2-Dibromoethane (EDB)	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.01
Dibromomethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,2-Dichlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	720[2]
1,3-Dichlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,4-Dichlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	1.8[2]
Dichlorodifluoromethane	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1,600[2]
1,1-Dichloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	800[2]
1,2-Dichloroethane (EDC)	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	5
1,1-Dichloroethene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	400[2]

TABLE 52
Groundwater Chemical Analytical Results
VOCs
The Landing at Evergreen
Vancouver, Washington

	VOCs by EPA Method 8260B (µg/L)													MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1				MW-2-86	MW-2				MW-3				
Date	07/06/05	02/10/06	08/03/06	05/12/08	06/22/05	07/06/05	02/10/06	08/04/06	05/12/08	07/06/05	02/10/06	08/03/06	05/12/08	
cis-1,2-Dichoroethene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	80[2]
trans-1,2-Dichoroethene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	160[2]
1,2-Dichloropropane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.64[2]
1,3-Dichloropropane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
2,2-Dichloropropane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,1-Dichloropropene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
cis-1,3-Dichloropropene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.24[2]
trans-1,3-Dichloropropene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	
Ethylbenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	700
Hexachlorobutadiene	4.00 U	4.00 U	4.00 U	2.00 U	4.00 U	4.00 U	4.00 U	4.00 U	2.00 U	4.00 U	4.00 U	4.00 U	2.00 U	0.56[2]
2-Hexanone	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NE
Isopropylbenzene	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	1.00 U	1.00 U	0.500 U	NE
p-Isopropylbenzene	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	1.00 U	1.00 U	0.500 U	NE
4-Methyl-2-pentanone	5.00 U	5.00 U	5.00 U	10.0 U	5.00 U	5.00 U	5.00 U	5.00 U	10.0 U	5.00 U	5.00 U	5.00 U	10.0 U	NE
Methyl tert-butyl ether	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	20
Methylene Chloride	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0
Naphthalene	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	5.00 U	160
n-Propylbenzene	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	0.500 U	NE
Styrene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	1.5[2]
1,1,1,2-Tetrachloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	1.7[2]
1,1,2,2-Tetrachloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.22[2]
Tretrachloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	5
Toluene	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1,000
1,2,3-Trichlorobenzene	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	2.00 U	NE
1,2,4-Trichlorobenzene	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	2.00 U	80[2]
1,1,1-Trichoroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	7,200[2]
1,1,2-Trichloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.77[2]
Trichloroethene (TCE)	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	5.0
Trichlorofluoromethane	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	2,400[2]
1,2,3-Trichloropropane	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	0.006[2]

TABLE 52
Groundwater Chemical Analytical Results
VOCs
The Landing at Evergreen
Vancouver, Washington

	VOCs by EPA Method 8260B (µg/L)													MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1				MW-2-86	MW-2				MW-3				
Date	07/06/05	02/10/06	08/03/06	05/12/08	06/22/05	07/06/05	02/10/06	08/04/06	05/12/08	07/06/05	02/10/06	08/03/06	05/12/08	
1,2,4-Trimethylbenzene	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	400[2]
1,3,5-Trimethylbenzene	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	400[2]
Vinyl Chloride	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.20
o-Xylene	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	0.500 U	1,000[2]
m,p-Xylene	2.00 U	2.00 U	2.00 U	1.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.00 U	2.00 U	2.00 U	2.00 U	1.00 U	

Notes:
1. MTCA Method A cleanup levels unless otherwise noted.
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable ground water under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 53
Groundwater Chemical Analytical Results
SVOCs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	SVOCs by EPA Method 8270C (ug/L) MW-1			MW-2			MW-3			MTCA Regulatory Criteria[1] (µg/L)
Date	02/10/06	08/03/06	05/12/08	02/10/06	08/04/06	05/12/08	02/10/06	08/03/06	05/12/08	
Acenaphthene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	960[2]
Acenaphthylene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Aniline	NA	NA	5 U	NA	NA	5 U	NA	NA	5 U	7.7[2]
Anthracene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	4,800[2]
Benzo(a)anthracene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzo(a)pyrene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzo(b)fluoranthene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzo(ghi)perylene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Benzo(k)fluoranthene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzoic Acid	48.5 U	48.5 U	25 U	51.0 U	50.0 U	25 U	48.5 U	48.1 U	25 U	64,000[2]
Benzyl alcohol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	2,400[2]
4-Bromophenyl phenyl ether	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Butyl benzyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	3,200[2]
4-Chloro-3-methylphenol	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	NE
4-Chloroaniline	2.91 U	2.91 U	5 U	3.06 U	3.00 U	5 U	2.91 U	2.88 U	5 U	NE
Bis(2-chloroethoxy)methane	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Bis(2-chloroethyl)ether	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	0.04[2]
Bis(2-chloroisopropyl)ether	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	320[2]
2-Chloronapthalene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	640[2]
2-Chlorophenol	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	40[2]
4-Chlorophenyl phenyl ether	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Chrysene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Di-n-butyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	1,600[2]
Di-n-octyl phthalate	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	320[2]
Dibenzo(a,h)anthracene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Dibenzofuran	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	32[2]
1,2-Dichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	720[2]
1,2-Diphenylhydrazine	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U	0.11[2]
1,3-Dichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
1,4-Dichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	1.8[2]
3,3'-Dichlorobenzidine	9.71 U	9.71 U	10 U	10.2 U	10.0 U	10 U	9.71 U	9.62 U	10 U	.19[2]
2,4-Dichlorophenol	2.91 U	2.91 U	5 U	3.06 U	3.00 U	5 U	2.91 U	2.88 U	5 U	24[2]

TABLE 53
Groundwater Chemical Analytical Results
SVOCs
The Landing at Evergreen
Vancouver, Washington

	SVOCs by EPA Method 8270C (ug/L)									**MTCA Regulatory Criteria[1] (µg/L)**
Sample I.D.	MW-1			MW-2			MW-3			
Date	02/10/06	08/03/06	05/12/08	02/10/06	08/04/06	05/12/08	02/10/06	08/03/06	05/12/08	
Diethyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	13,000[2]
2,4-Dimethylphenol	2.91 U	2.91 U	5 U	3.06 U	3.00 U	5 U	2.91 U	2.88 U	5 U	320[2]
Dimethyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	16,000[2]
4,6-Dinitro-2-methylphenol	14.6 U	14.6 U	25 U	15.3 U	15.0 U	25 U	14.6 U	14.4 U	25 U	NE
2,4-Dinitrophenol	24.3 U	24.3 U	25 U	25.5 U	25.0 U	25 U	24.3 U	24.0 U	25 U	32[2]
2,4-Dinitrotoluene	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	32[2]
2,6-Dinitrotoluene	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	16[2]
Bis(2-ethylhexyl)phthalate	9.71 U	9.71 U	5 U	10.2 U	10.0 U	5 U	9.71 U	9.62 U	5 U	6.3[2]
Fluoranthene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	640[2]
Fluorene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	640[2]
Hexachlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.055[2]
Hexachlorobutadiene	1.94 U	1.94 U	5 U	2.04 U	1.00 U	5 U	1.94 U	1.92 U	5 U	0.56[2]
Hexachlorocycloopentadiene	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	48[2]
Hexachloroethane	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	3.1[2]
Indeno(1,2,3-cd)pyrene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Isophorone	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	46[2]
2-Methylnapthalene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	32[2]
2-Methylphenol	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
3-,4-Methylphenol	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Naphthalene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	160[2]
2-Nitroanaline	4.85 U	4.85 U	25 U	5.10 U	5.00 U	25 U	4.85 U	4.81 U	25 U	NE
3-Nitroanaline	5.83 U	5.83 U	25 U	6.12 U	6.00 U	25 U	5.83 U	5.77 U	25 U	NE
4-Nitroanaline	4.85 U	4.85 U	25 U	5.10 U	5.00 U	25 U	4.85 U	4.81 U	25 U	NE
Nitrobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.952 U	5 U	4[2]
2-Nitrophenol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	1,000
4-Nitrophenol	4.85 U	4.85 U	25 U	5.10 U	5.00 U	25 U	4.85 U	4.81 U	25 U	NE
N-Nitrosodi-n-propylamine	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	NE
N-Nitrosodiphenylamine	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Pentachlorophenol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	0.73[2]
Phenanthrene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Phenol	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	4,800[2]
Pyrene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	480[2]
Pyridine	NA	NA	5 U	NA	NA	5 U	NA	NA	5 U	400[2]

TABLE 53
Groundwater Chemical Analytical Results
SVOCs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	**SVOCs by EPA Method 8270C (ug/L)**									**MTCA Regulatory Criteria[1] (µg/L)**
	MW-1			MW-2			MW-3			
Date	02/10/06	08/03/06	05/12/08	02/10/06	08/04/06	05/12/08	02/10/06	08/03/06	05/12/08	
1,2,4-Trichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	80[2]
2,4,5-Trichlorophenol	4.85 U	4.85 U	10 U	5.10 U	5.00 U	10 U	4.85 U	4.81 U	10 U	800[2]
2,4,6-Trichlorophenol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	NE
Carbazole	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	4.38[2]

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted.
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable ground water under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. PAH is considered carcinogenic.
4. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 54
Groundwater Chemical Analytical Results
PAHs
The Landing at Evergreen
Vancouver, Washington

	PAHs by EPA Method 8270M-SIM (µg/L)										MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1			MW-2			MW-2-86	MW-3			
Date	2/10/2006	8/3/2006	5/12/2008	2/10/2006	8/4/2006	5/12/2008	06/22/05	02/10/06	08/03/06	05/12/08	
Acenaphthene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	960[2]
Acenaphthylene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	NE
Anthracene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	4,800[2]
Benzo(a)anthracene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Benzo(a)pyrene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Benzo(b)fluoranthene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Benzo(g,h,i)perylene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	NE
Benzo(k)fluoranthene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Chrysene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Dibenz(a,h)anthracene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Fluoranthene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	640[2]
Fluorene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	640[2]
Indeno(1,2,3-cd)pyrene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Naphthalene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	160
Phenanthrene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	NE
Pyrene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	480[2]

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable ground water under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. PAH is considered carcinogenic.
4. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 55
Groundwater Chemical Analytical Results
Total and Dissolved Metals
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	Date	Total Metals by EPA 6000/7000 Series Methods (mg/L)								Dissolved Metals by EPA 6000/7000 Series Methods (mg/L)							
		Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Tin	Zinc	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Tin	Zinc
MW-1	02/10/06	**0.00307**	0.00100 U	**0.0360**	**0.0401**	**0.00764**	0.00002 U	0.0200 U	**0.0853**	0.00100 U	0.00100 U	0.00239	0.00254	0.00100 U	0.00002 U	0.0200 U	0.00823
	08/03/06	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U
	11/14/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/12/08	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U
MW-2	02/10/06	**0.00415**	0.00100 U	**0.0815**	0.0884	**0.0151**	0.00002 U	0.0200 U	0.165	0.00100 U	0.00100 U	0.00100 U	0.00200 U	0.00100 U	0.00002 U	0.0200 U	0.00500 U
	08/04/06	0.00100 U	0.00100 U	0.00100 U	**0.00115**	0.00100 U	0.00002 U	0.100 U	0.0100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U
	11/14/06	0.00100 U	0.00100 U	0.00129	0.00203	0.00100 U	0.0002 U	0.0200 U	0.00500 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.0002 U	0.0200 U	0.00500 U
	05/12/08	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U
MW-3	02/10/06	**0.00227**	0.00100 U	**0.0343**	**0.0603**	0.00888	0.00002 U	0.0200 U	0.113	0.00100 U	0.00100 U	0.00100 U	0.00200 U	0.00100 U	0.00002 U	0.0200 U	0.00500 U
	08/03/06	0.00100 U	0.00100 U	0.00100 U	**0.00107**	**0.00109**	0.00002 U	0.100 U	0.0100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U
	11/14/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/12/08	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	**0.00572**	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.02	0.00500 U
MTCA Method A Cleanup Level[1]		0.005	0.005	0.05	0.59[2]	0.015	0.002	9.6[2]	4.8[2]	0.005	0.005	0.05	0.59[2]	0.015	0.002	9.6[2]	4.8[2]

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted.
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable groundwater under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, and dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: indicates analyte detection
Shading indicates analyte detected at a concentration greater than the MTCA Method A Cleanup Level

TABLE 56
Groundwater Chemical Analytical Results
Organochlorine Pesticides
The Village at Evergreen
Vancouver, Washington

Sample I.D.	Sample Date	Organochlorine Pesticides by EPA Method 8081A (µg/L)																				
		Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin Aldehyde	Endrin Keytone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Chlordane (Technical)	Toxaphene
MW-1	05/12/08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	1 U
MW-2	05/12/08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	1 U
MW-3	05/12/08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	1 U
MTCA Regulatory Criteria[1]		0.24[2]/0.0026[3]	NE	NE	NE	4.8[2]/0.067[3]	NE	NE	0.36[3]	0.26[3]	8.0[2]/0.26[3]	0.80[2]/0.0055[3]	96[2]		NE	4.8[2]	NE	NE	8.0[2]/0.019[3]	0.1[2]/0.0048[3]	8.0[2]	8.0[2]/0.25[3]	0.08[3]

Notes:
1. All values are MTCA Method A cleanup levels, unless otherwise noted.
2. MTCA Method B non-carcinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. MTCA Method B carinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

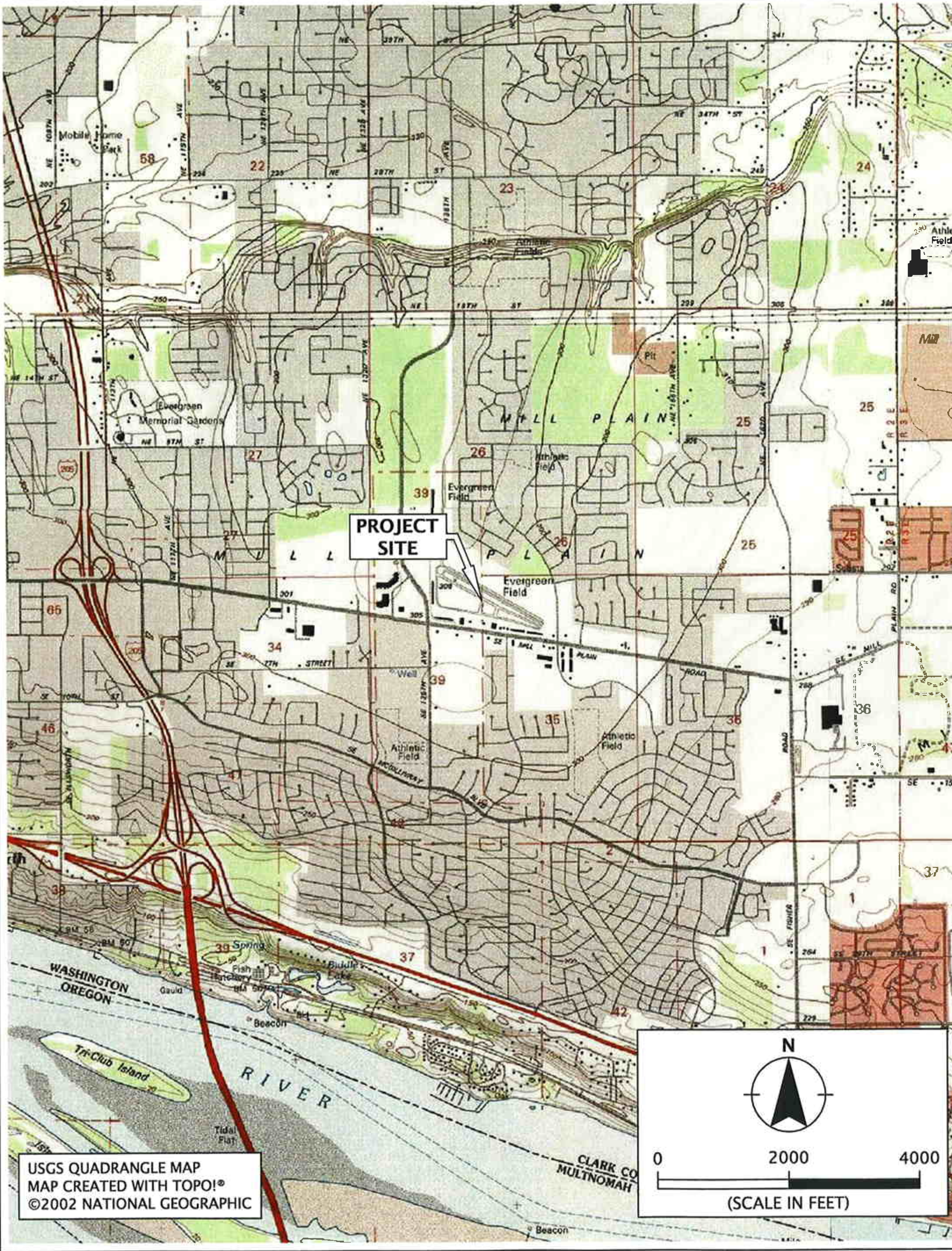
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 57
Groundwater Chemical Analytical Results
PCBs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	Date	PCBs by EPA Method 8082 (µg/L)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
MW-2-86	06/22/05	0.727 U	1.45 U	0.727 U	0.727 U	0.727 U	0.727 U	0.727 U
MW-1	02/10/06	0.0980 U	0.196 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U
	08/03/06	0.485 U	0.971 U	0.485 U	0.485 U	0.485 U	0.485 U	0.485 U
	05/12/08	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-2	02/10/06	0.0990 U	0.198 U	0.0990 U	0.0990 U	0.0990 U	0.0990 U	0.0990 U
	08/04/06	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	05/12/08	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-3	02/10/06	0.100 U	0.200 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
	08/03/06	0.485 U	0.971 U	0.485 U	0.485 U	0.485 U	0.485 U	0.485 U
	05/12/08	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MTCA Method A Cleanup Level[1]		0.1						

Notes:
1. MTCA 2006 Method A cleanup levels values unless otherwise noted. This cleanup level is a total value for all PCBs.
U: Not detected above the laboratory MRL. Each MRL is reported.

FIGURES



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File Name: J:\A-D\BonesConst\BonesConst-7-01\Figures\CAD\Final_Report_Figures\BonesConst-7-01-F1-VM.dwg | Layout: FIGURE 1

GEODESIGN INC
1201 SE Tech Center Drive - Suite 160
Vancouver WA 98683
Off 360.693.8416 Fax 360.693.8426

GEODESIGN INC	BONESCONST-7-01	**VICINITY MAP**	
	JUNE 2008	THE VILLAGE AT EVERGREEN VANCOUVER, WA	**FIGURE 1**

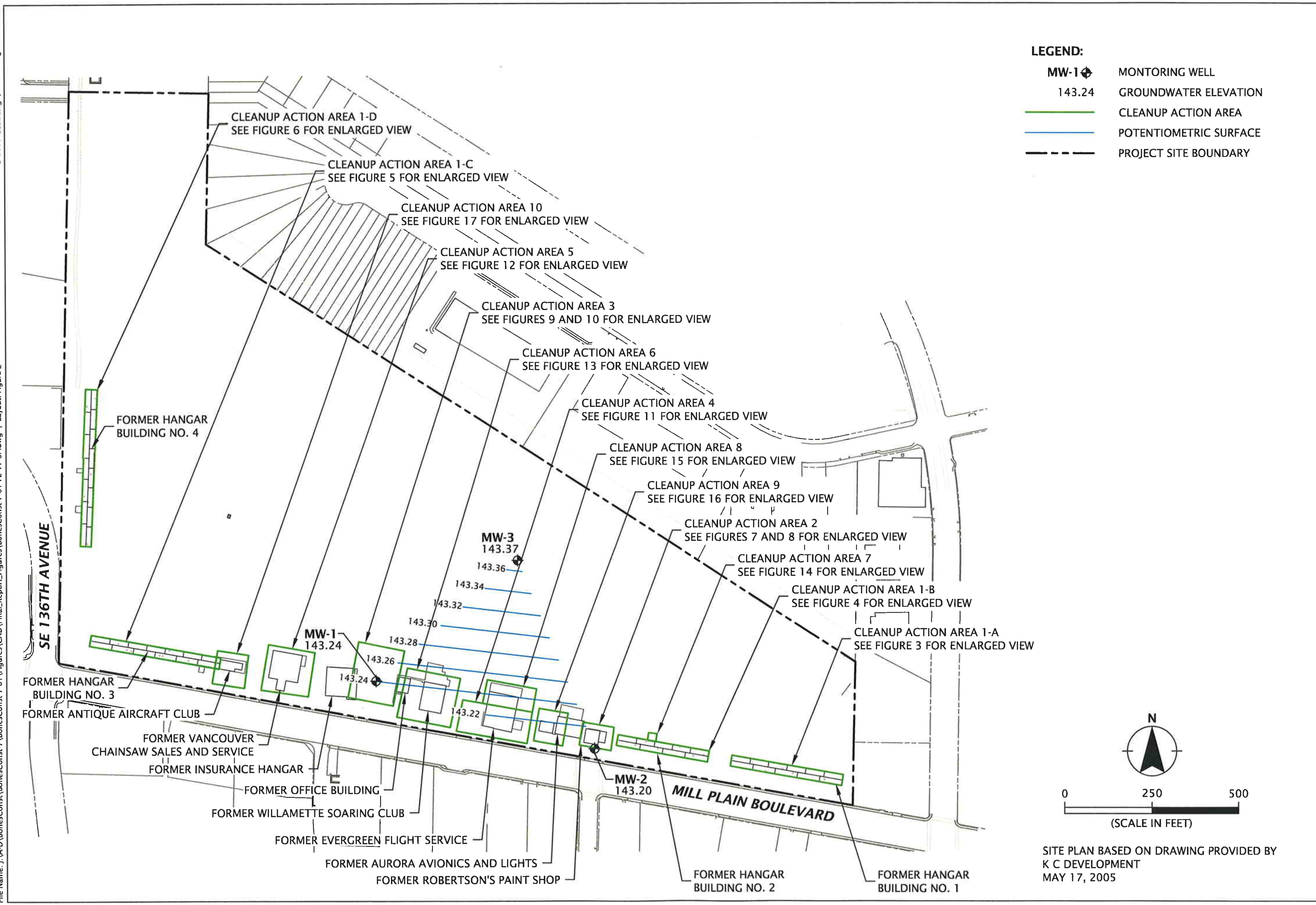

FIGURE 2

SITE PLAN

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

BONESCONST-7-01

JUNE 2008

GEODESIGN INC
1201 SE Tech Center Drive - Suite 160
Vancouver WA 98683
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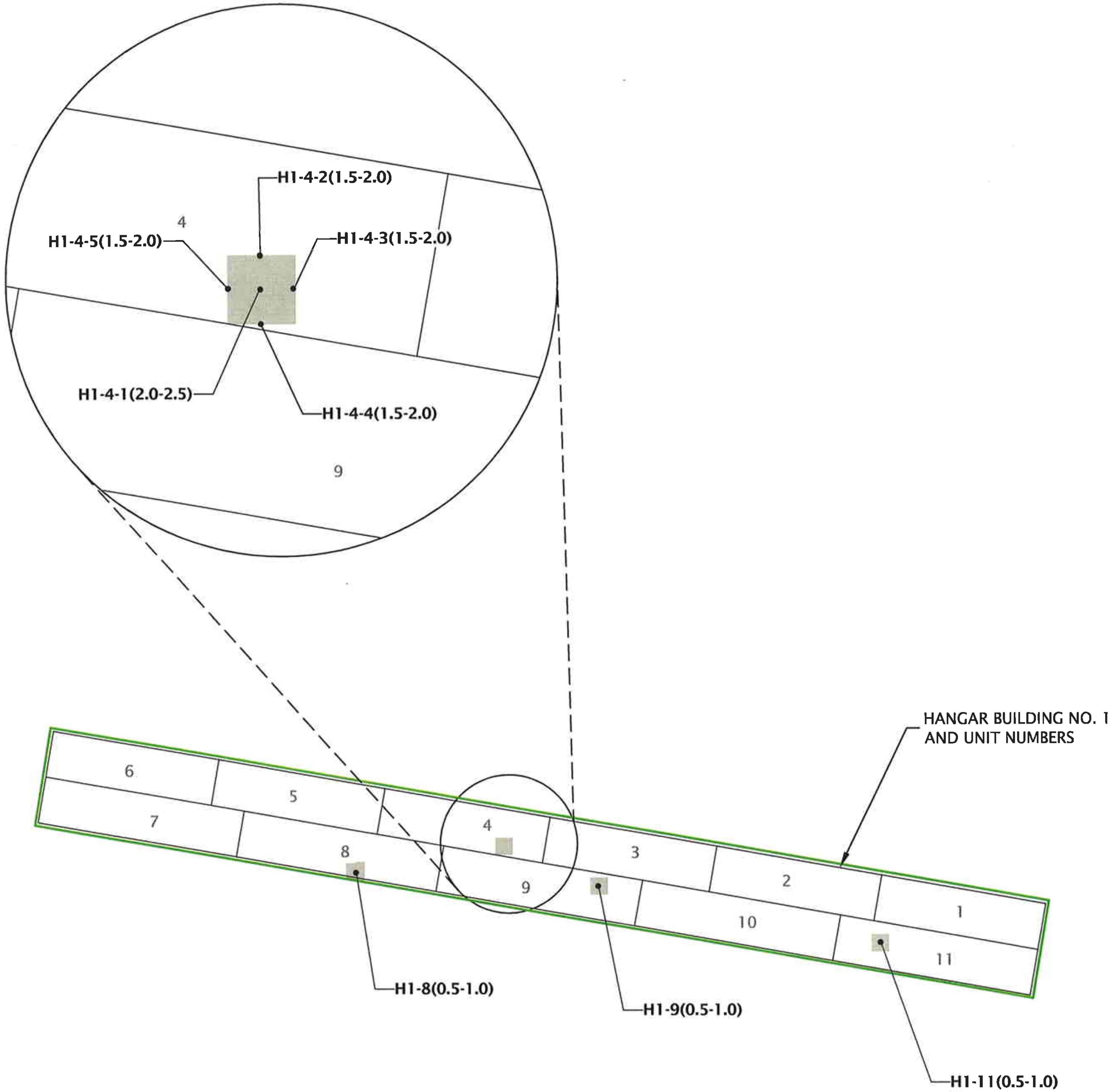
LEGEND:

H1-8(0.5-1.0) • SOIL SAMPLE

REMOVED SURFACE STAINING

CLEANUP ACTION AREA



N

0 40 80

(SCALE IN FEET)

SITE PLAN BASED ON DRAWING PROVIDED BY
K C DEVELOPMENT
MAY 17, 2005

ENLARGED VIEW - CLEANUP ACTION AREA 1A

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 3

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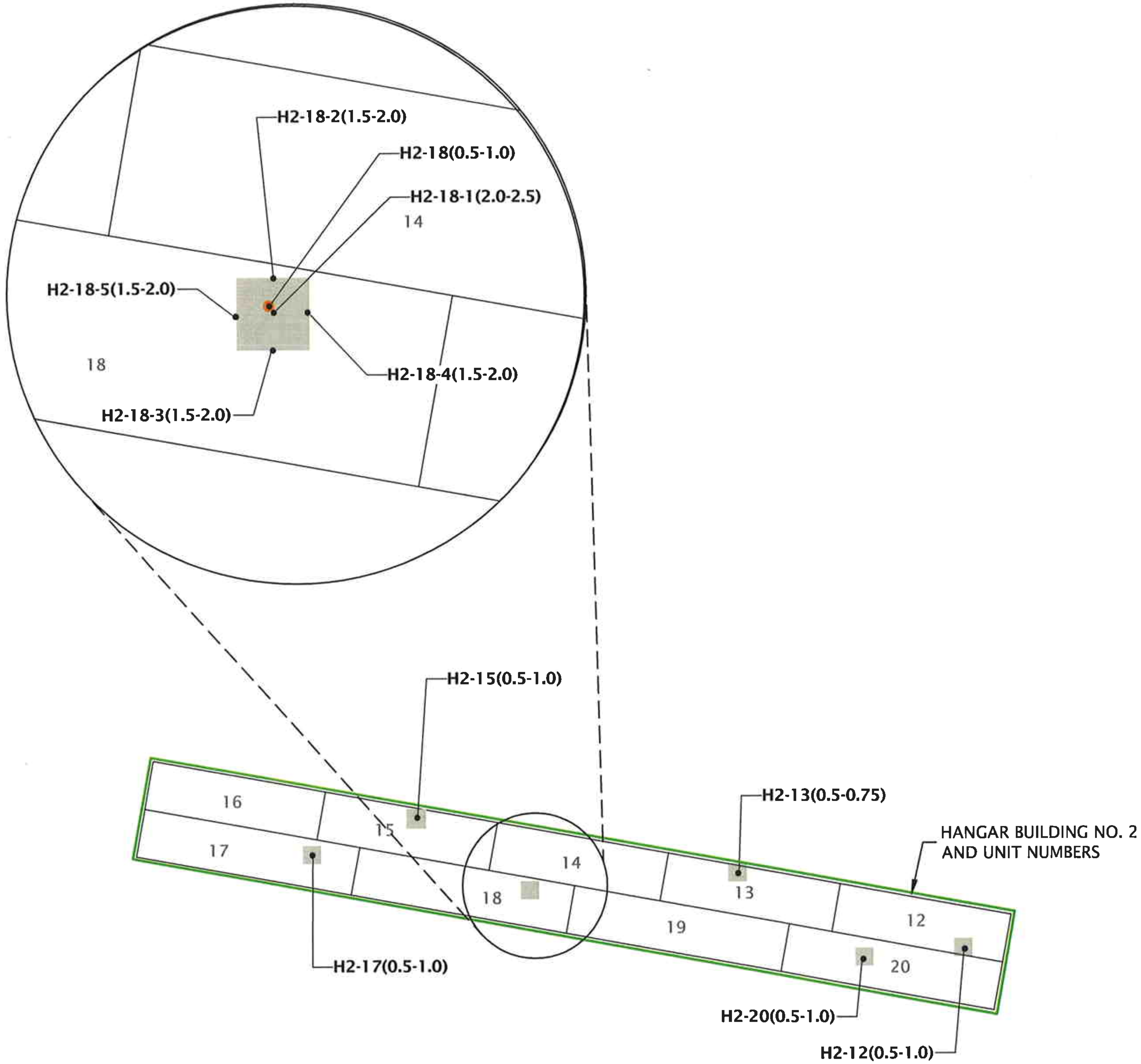

LEGEND:

H2-13(0.5-0.75) • SOIL SAMPLE

H2-18(0.5-1.0) ● OVEREXCAVATED SOIL SAMPLE

REMOVED SURFACE STAINING

CLEANUP ACTION AREA

N

0 40 80

(SCALE IN FEET)

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FIGURE 4

ENLARGED VIEW - CLEANUP ACTION AREA 1B

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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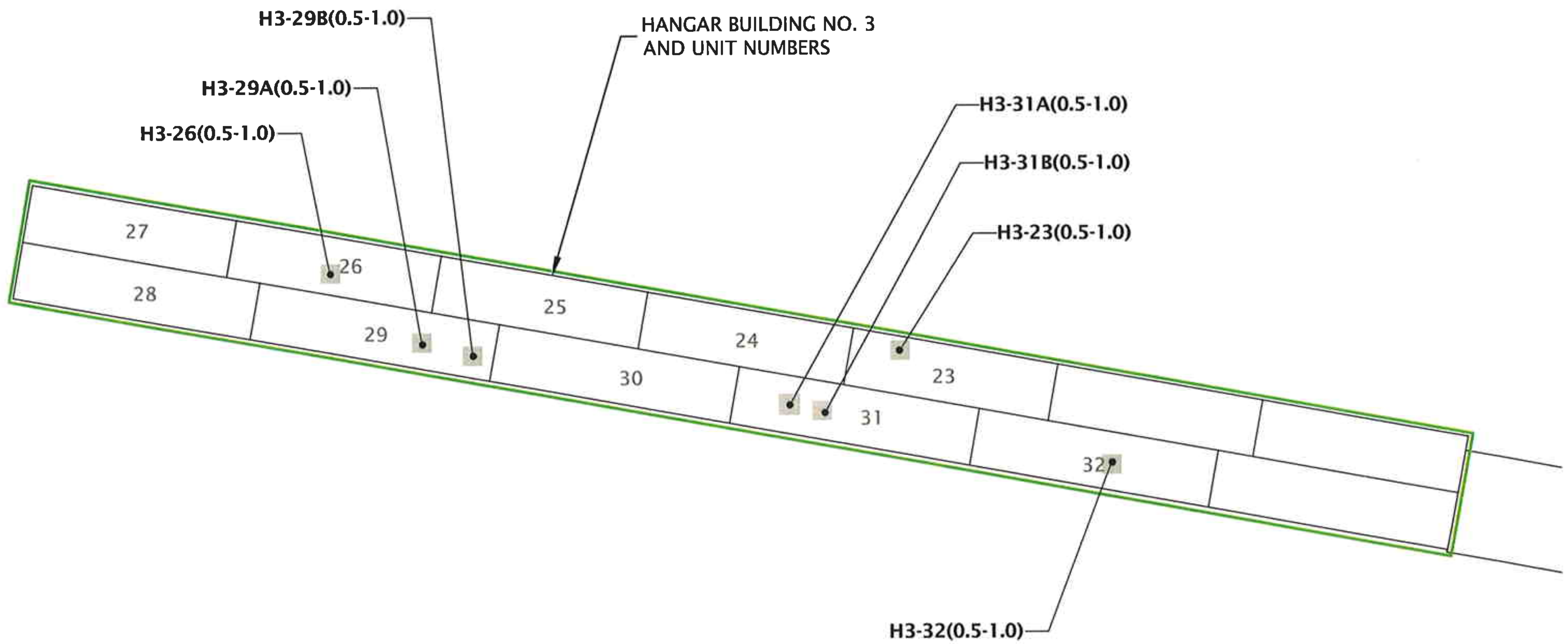
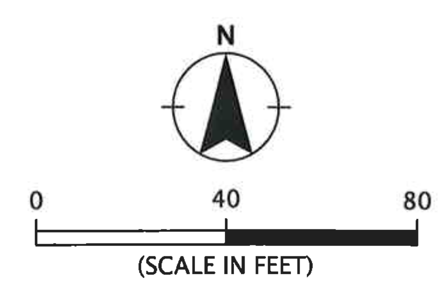
LEGEND:

H3-23(0.5 - 1.0) • SOIL SAMPLE

REMOVED SURFACE STAINING

CLEANUP ACTION AREA





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ENLARGED VIEW - CLEANUP ACTION AREA 1C

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 5

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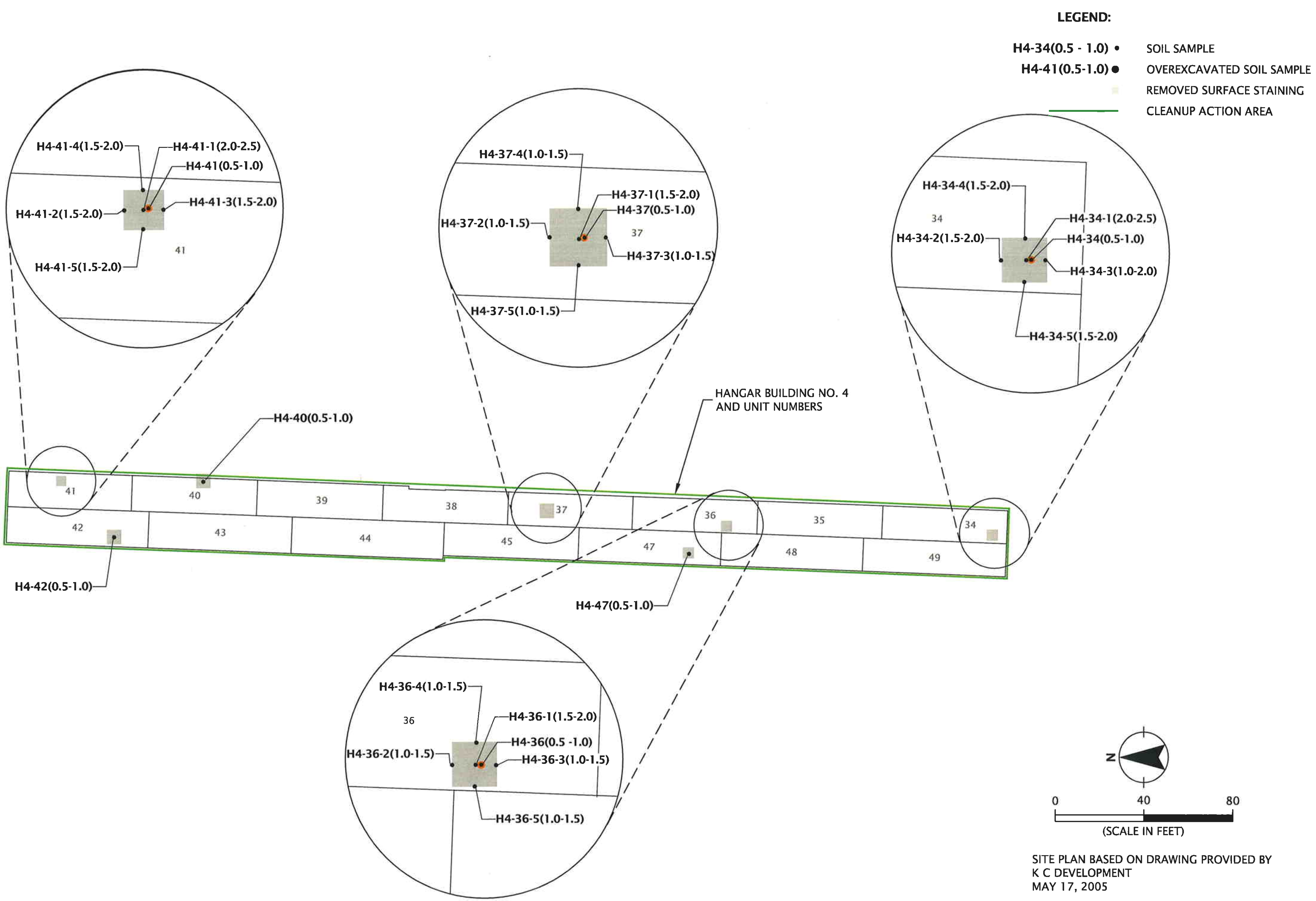

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ENLARGED VIEW - CLEANUP ACTION AREA 1D

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 6

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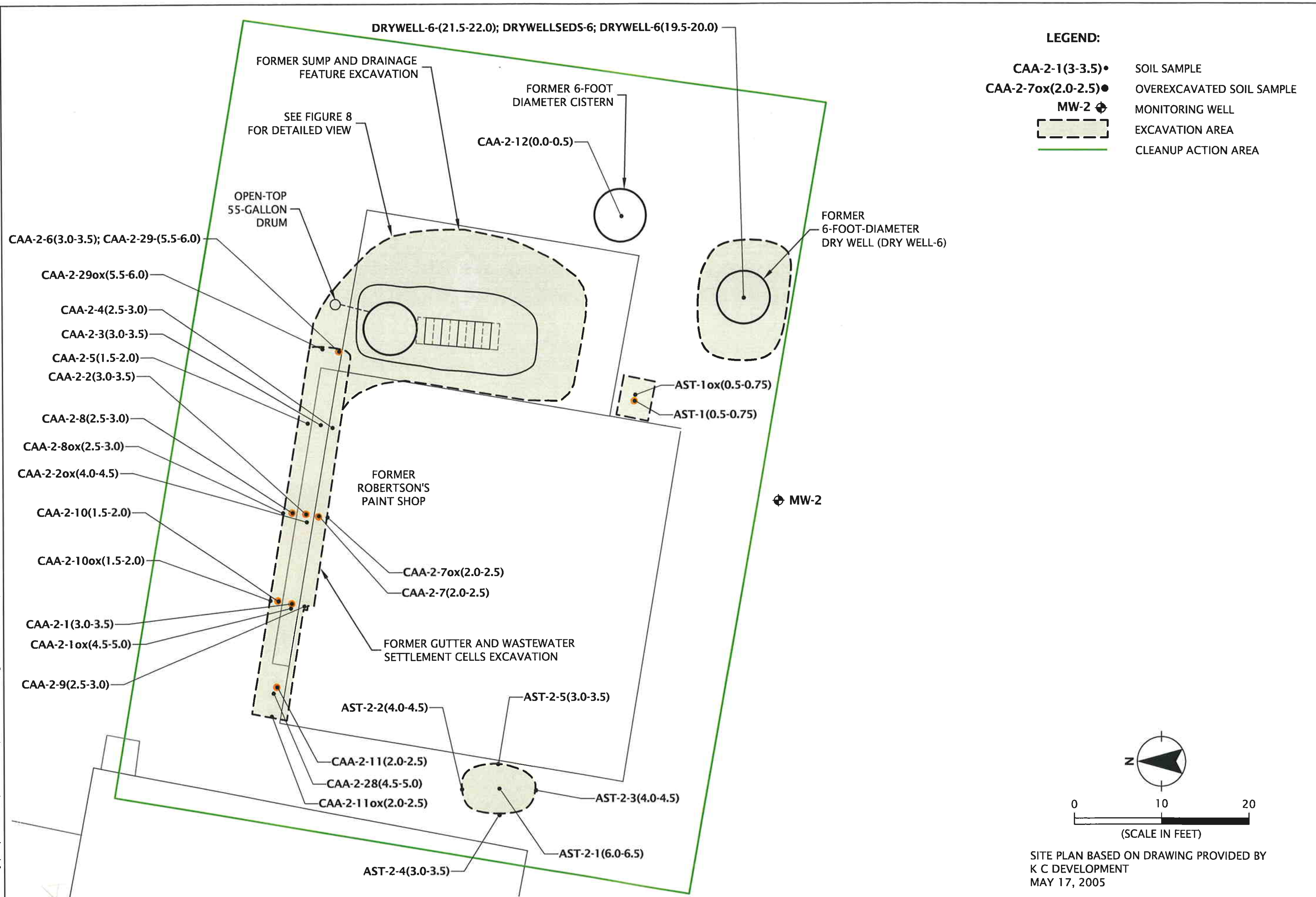

SITE PLAN BASED ON DRAWING PROVIDED BY
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FIGURE 7

ENLARGED VIEW - CLEANUP ACTION AREA 2

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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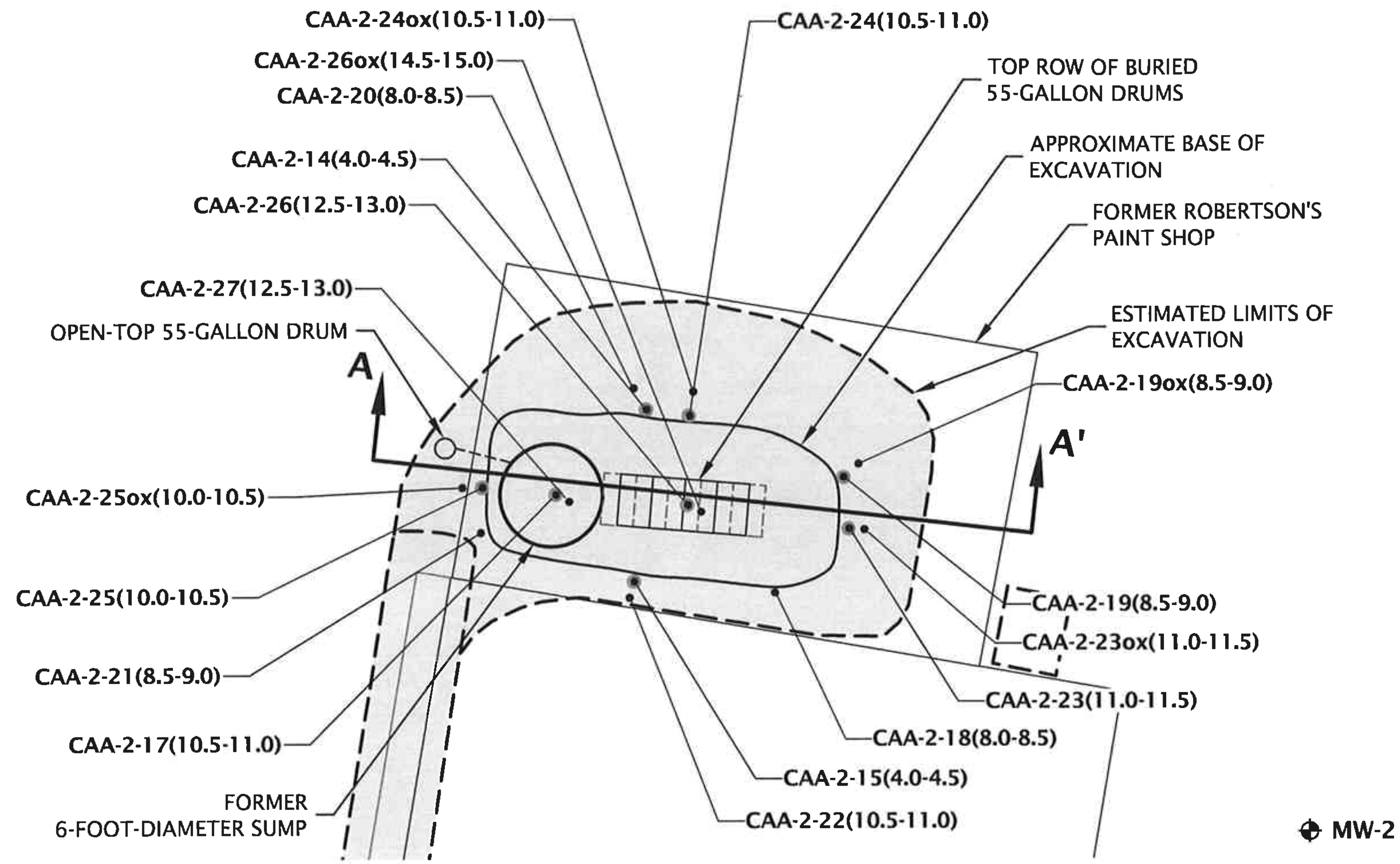
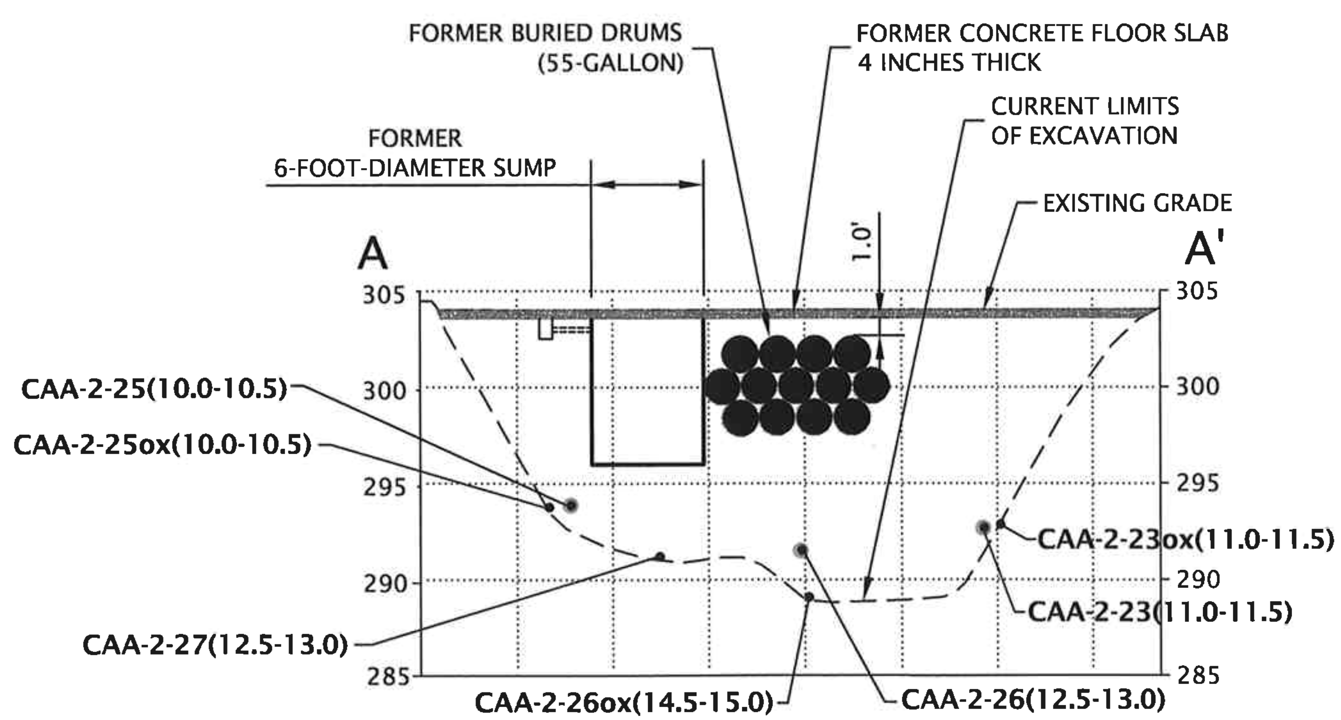


1 CLEANUP ACTION AREA 2 PLAN

SCALE AS SHOWN



2 CROSS SECTION A-A'

SCALE AS SHOWN
ELEVATION IS APPROXIMATE

LEGEND:

CAA-2-13(8.0-8.5) •	SOIL SAMPLE
CAA-2-14ox(0.5-1.0) •	OVEREXCAVATED SOIL SAMPLE
MW-2	MONITORING WELL
	EXCAVATION AREA
A A'	CROSS SECTION LINE

N

0 10 20
(SCALE IN FEET)

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HORIZONTAL 0 10 20
(SCALE IN FEET)

VERTICAL 0 10 20
(SCALE IN FEET)

FIGURE 8

CLEANUP ACTION AREA 2 DETAIL VIEWS

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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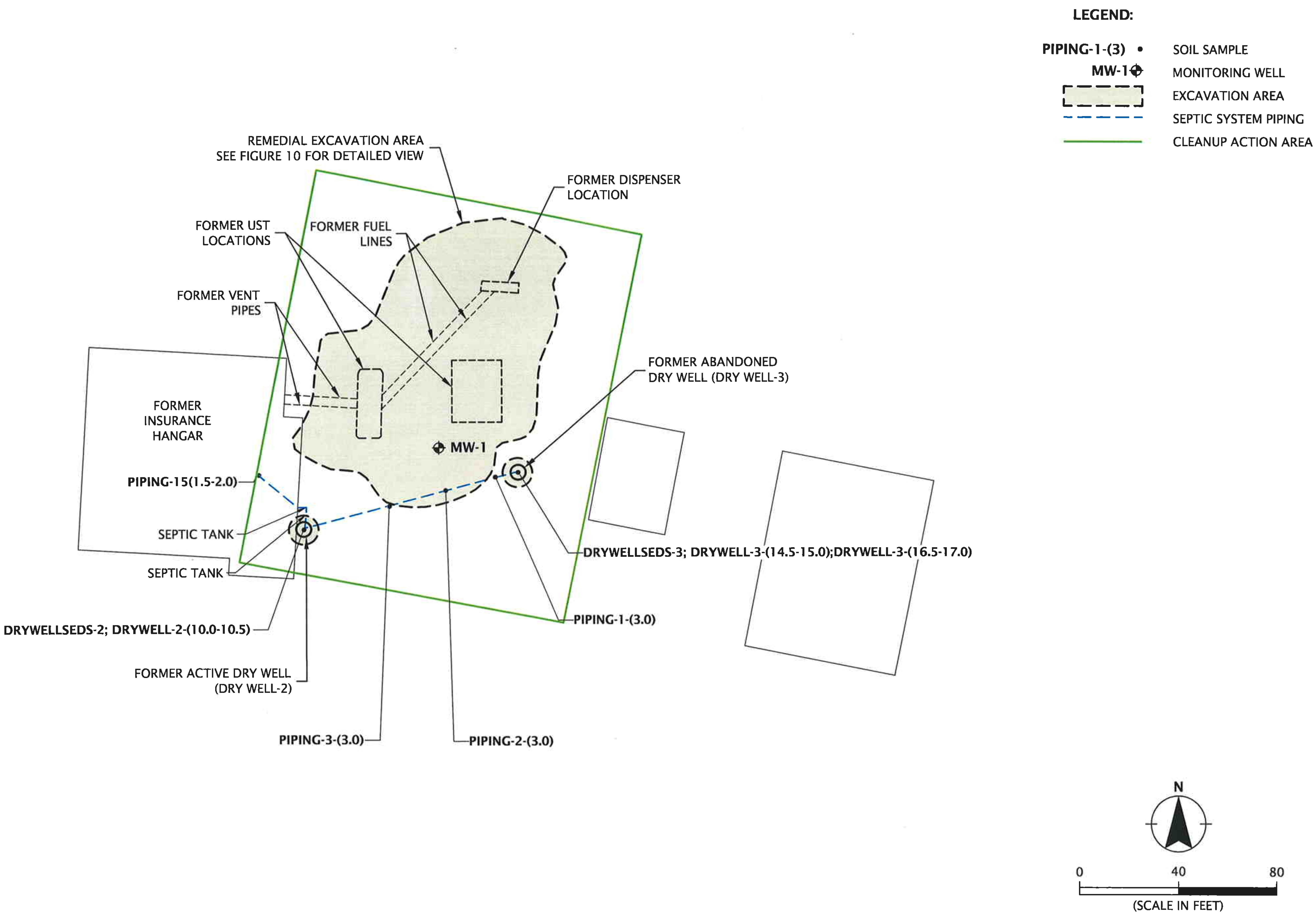

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ENLARGED VIEW - CLEANUP ACTION AREA 3
SEPTIC AND PIPING

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 9

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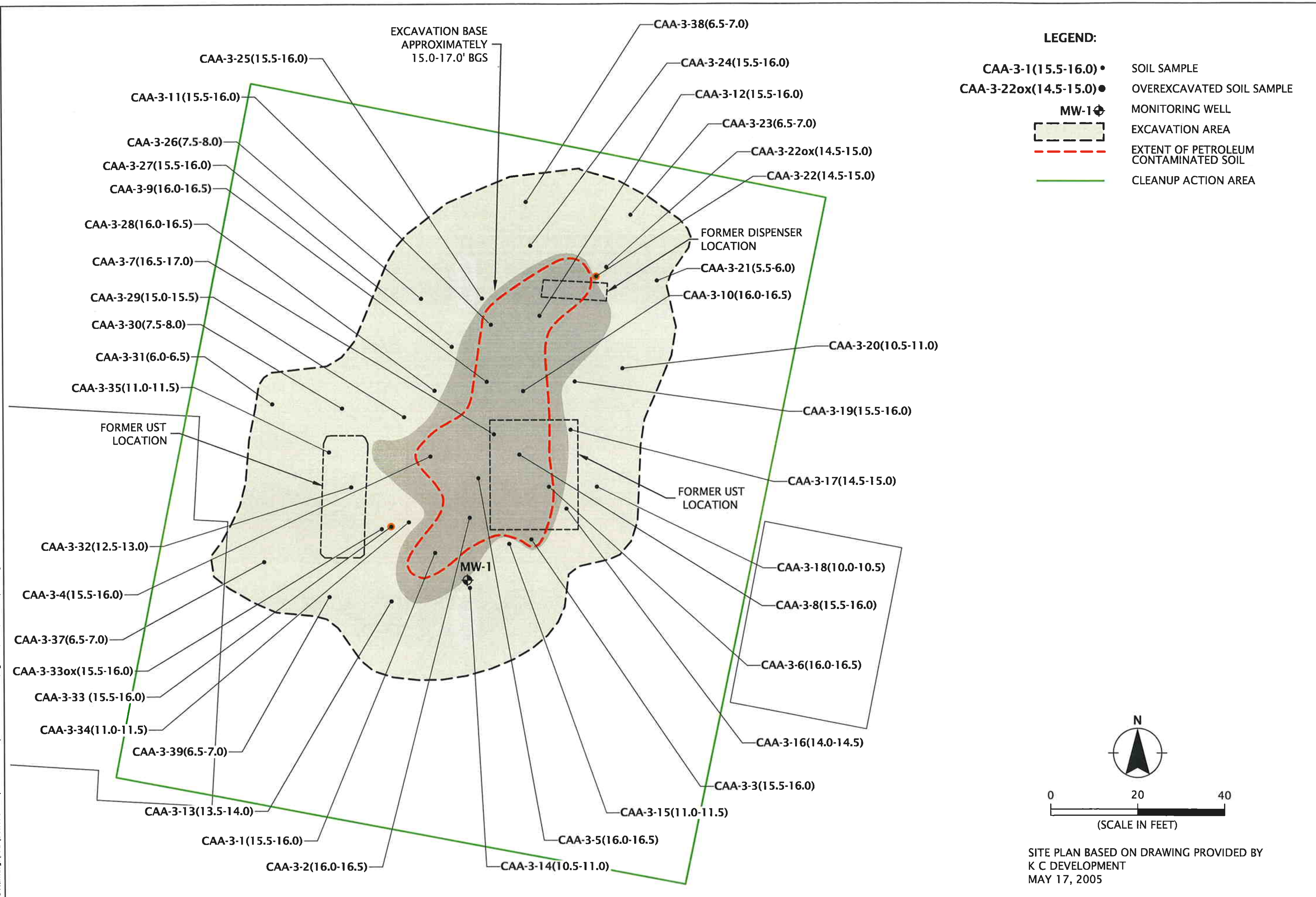

SITE PLAN BASED ON DRAWING PROVIDED BY
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FIGURE 10

ENLARGED VIEW - CLEANUP ACTION AREA 3 UST REMOVAL

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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ENLARGED VIEW - CLEANUP ACTION AREA 4

THE VILLAGE AT EVERGREEN
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FIGURE 11

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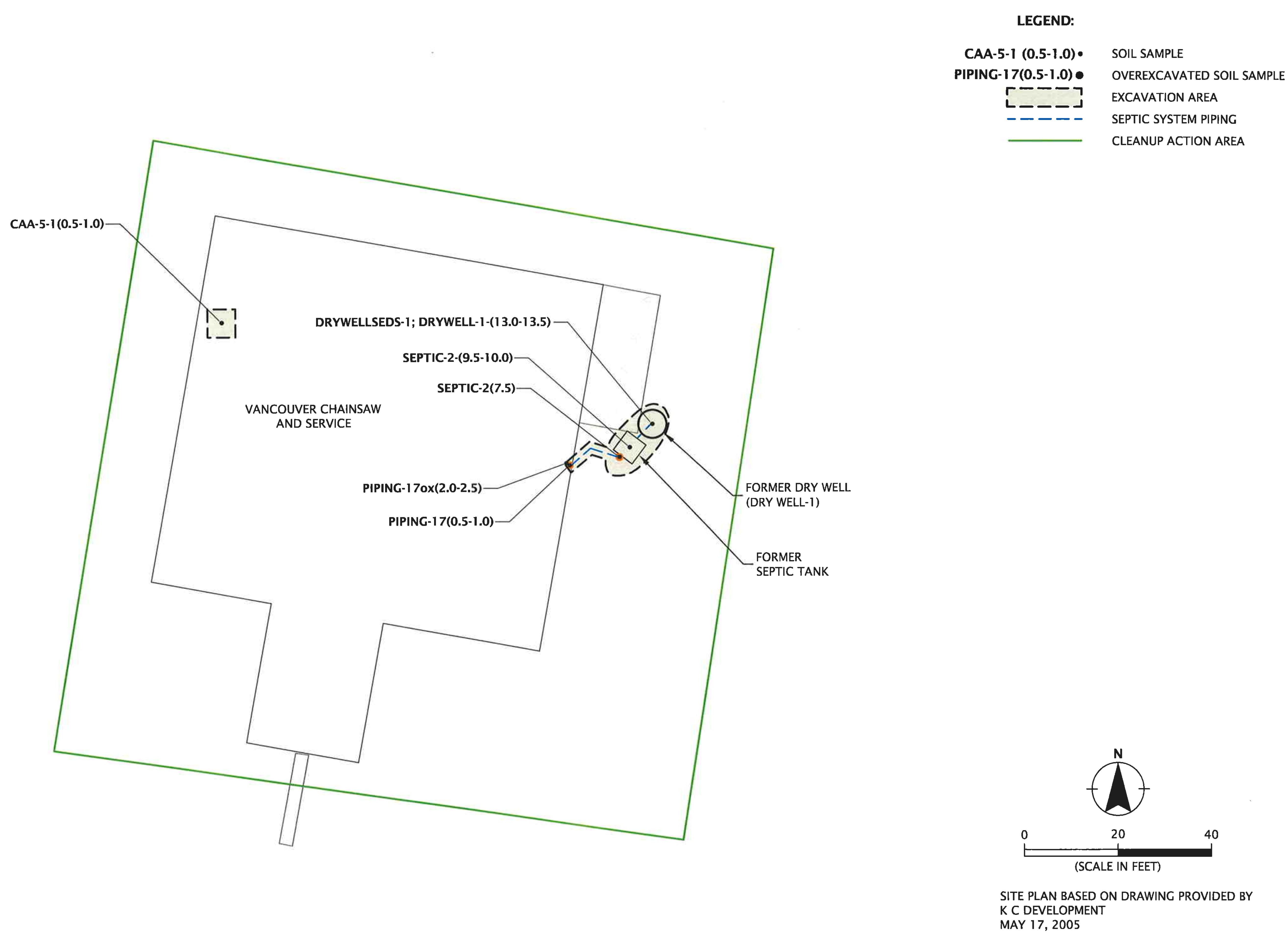

FIGURE 12

ENLARGED VIEW - CLEANUP ACTION AREA 5

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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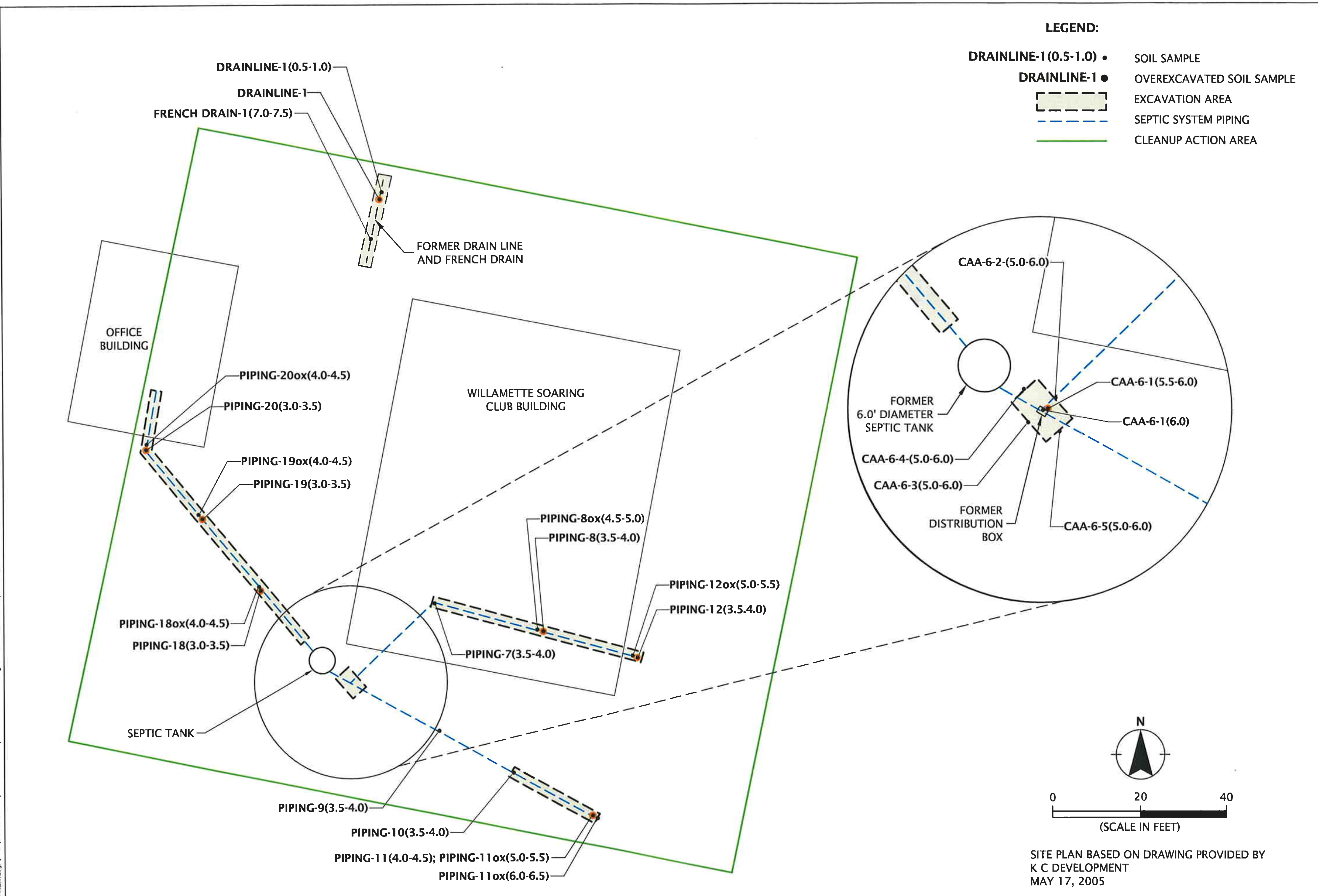

FIGURE 13

ENLARGED VIEW - CLEANUP ACTION AREA 6
SEPTIC AND PIPING

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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ENLARGED VIEW - CLEANUP ACTION AREA 7

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 14

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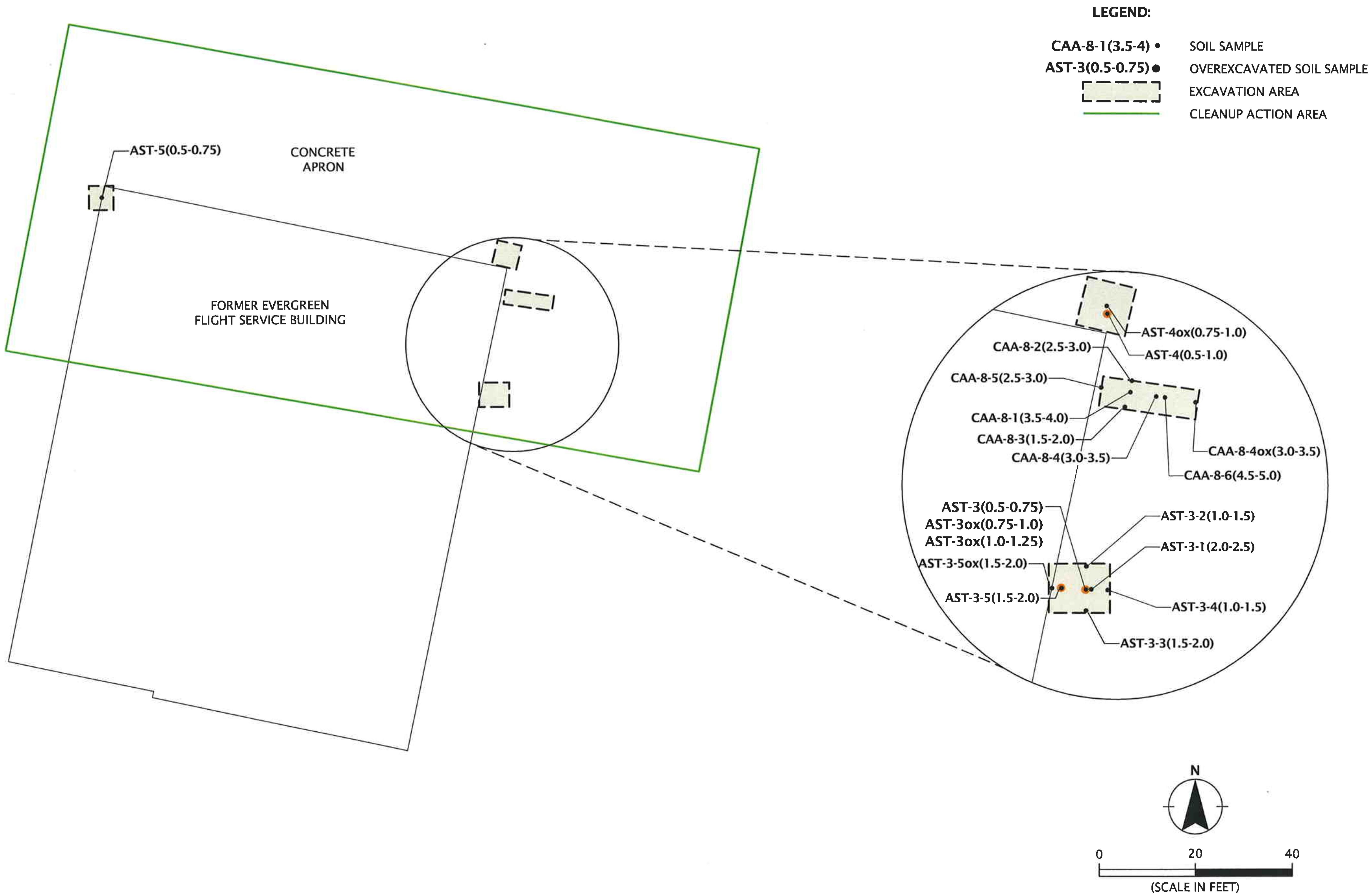

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ENLARGED VIEW - CLEANUP ACTION AREA 8

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 15

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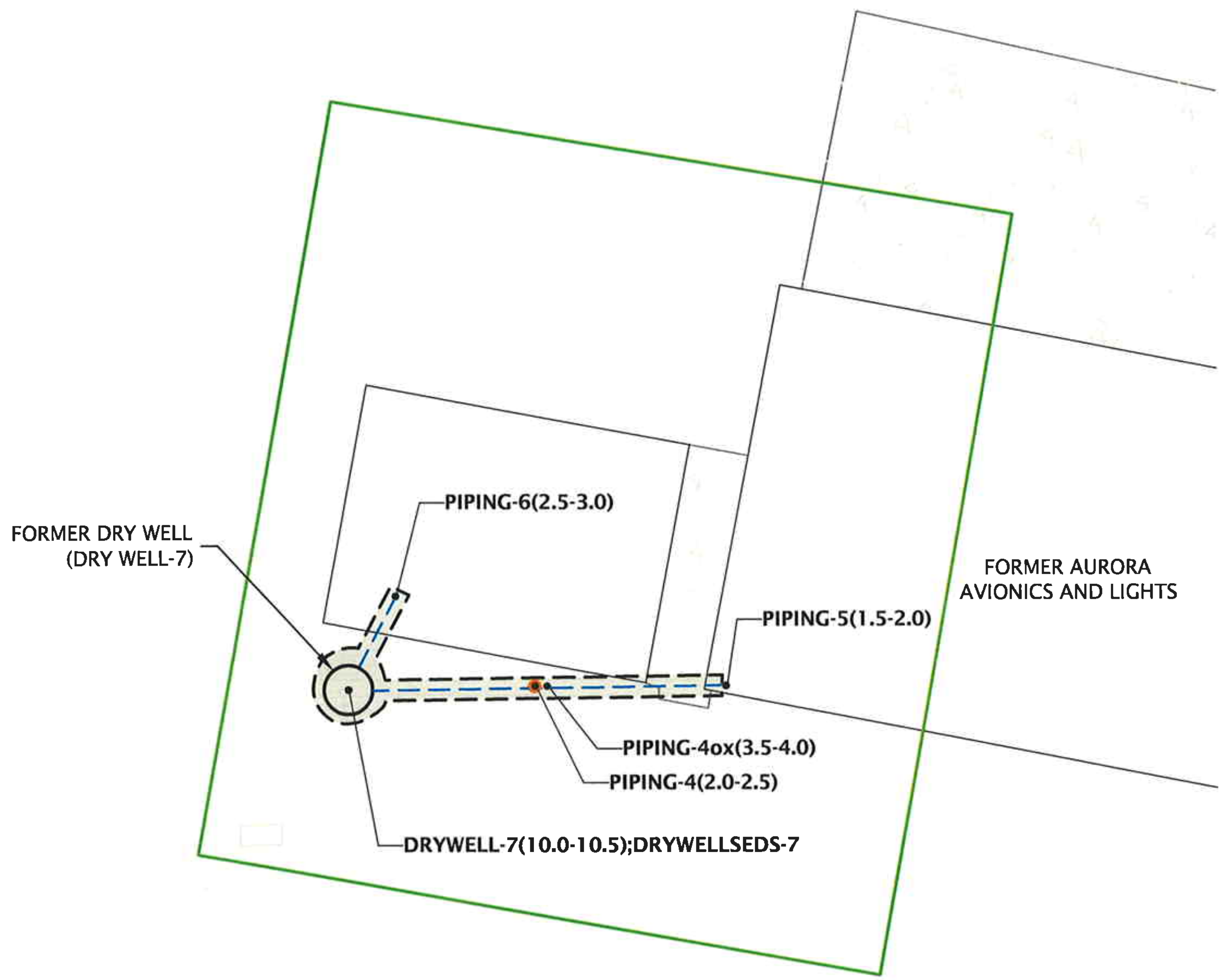
LEGEND:

PIPING-4ox (3.5-4.0) •	SOIL SAMPLE
PIPING-4(2.0-2.5) ●	OVEREXCAVATED SOIL SAMPLE
(dashed box)	EXCAVATION AREA
(blue dashed line)	SEPTIC SYSTEM PIPING
(green line)	CLEANUP ACTION AREA



N

0 20 40

(SCALE IN FEET)

SITE PLAN BASED ON DRAWING PROVIDED BY
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ENLARGED VIEW - CLEANUP ACTION AREA 9

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

FIGURE 16

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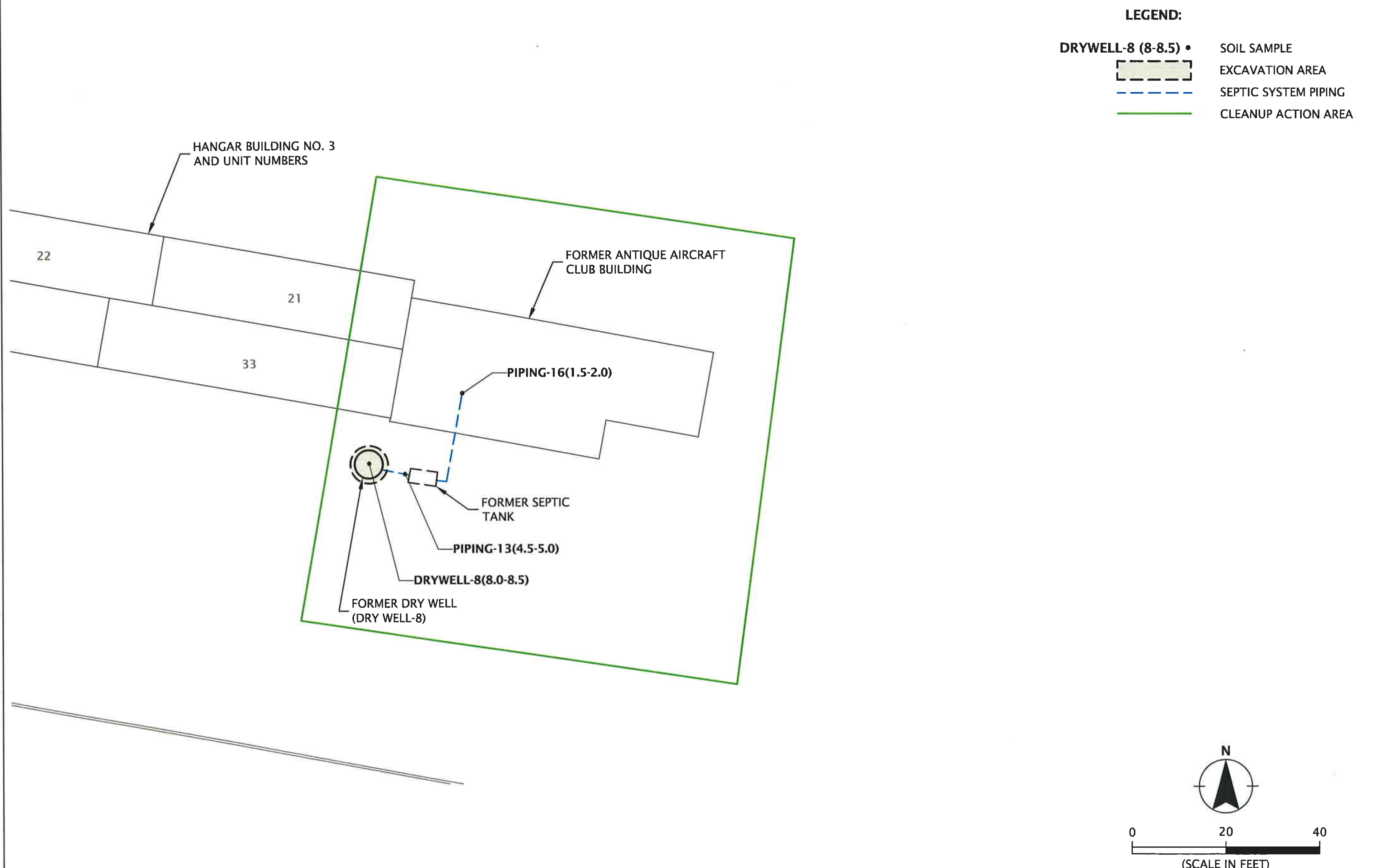

SITE PLAN BASED ON DRAWING PROVIDED BY
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MAY 17, 2005

FIGURE 17

ENLARGED VIEW - CLEANUP ACTION AREA 10

THE VILLAGE AT EVERGREEN
VANCOUVER, WA

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APPENDIX A

APPENDIX A

FIELD PPROCEDURES

REMEDIAL EXCAVATIONS

Various remedial excavations were completed at the site between March 15 and May 22, 2008. These excavations were conducted by Bones Construction Company of Aloha, Oregon. Bones utilized two track-mounted hoes (John Deere 9920 LC and a CAT 315) equipped with various buckets (widths ranging between 2 (with teeth) and 4 feet). These excavations were conducted to maximum depths of up to 22 feet BGS, and confirmation soil samples were subsequently collected. Confirmation soil samples were either collected by hand (using new disposable Nitrile gloves), new Shelby Tubes (driven into undisturbed soil), or the excavator bucket. Depending on the depth and nature of analysis, a combination of these methods was occasionally utilized in collecting confirmation soil samples.

SOIL SAMPLING FROM EXCAVATIONS

Field representatives of GeoDesign, Inc. observed all remedial excavation activities at the project site. Representative samples were obtained from these excavations for laboratory testing. As requested by Ecology, soil samples collected for submittal of VOC analysis were not collected from the excavator bucket as this sampling method would have compromised the quality of the sample. The soil samples collected for submittal of VOC analysis were either obtained directly from remedial excavations by hand (if the excavation was less than 4 feet BGS), by utilizing an extendable-pole sampling apparatus (for excavations deeper than 4 feet BGS), or as a sub-core (sub-sample) of an undisturbed soil core obtained from the excavation with a Shelby Tube sampler connected to a trackhoe bucket. The samples obtained directly from the excavations or from the center of the Shelby Tubes, were collected by Method 5035 using a hand-held plunger set to collect the appropriate volume of soil for subsequent VOC analysis.

Each confirmation soil sample was immediately placed in laboratory-supplied containers (glass jars with Teflon-lined lids, unpreserved VOA vials, VOA vials preserved with methanol and/or VOA vials preserved with sodium bisulfate). The jars were packed full to lessen headspace in the containers. GeoDesign representatives wore new Nitrile gloves during sample collection procedures. The soil samples were immediately placed in a cooler with ice and kept cool during transport to the analytical laboratory. Chain-of-custody procedures were followed during handling and transport of the samples. A portion of the selected samples were used for field screening prior to sample collection.

SOIL SAMPLING FROM STOCKPILES

Field representatives of GeoDesign, Inc. segregated between 3,000 and 4,000 cubic yards of clean soil for reuse as backfill material at the project site. In addition, soil excavated during the cleanup actions were temporarily stockpiled and sampled prior to disposal. Soil generated during septic piping removal (above the piping) was also used on site as backfill material. The samples collected from the stockpiles were analyzed for the same analytical parameters as the confirmation soil samples collected from the limits of the excavation which generated the stockpiled soil. Soil samples were collected from the stockpiles according to the following frequency:

Bulk Cubic Yards of Soil	Minimum Number of Samples
0-30	1
31-100	3
101-500	5
501-1,000	7
1,001-2,000	10
>2,000	10 + 1 for each additional 500 cubic yards

Soil samples obtained from this material were collected after hand-digging at least 1 foot into the stockpile. For the submittal of VOC analysis, soil samples were collected by Method 5035 using a hand-held plunger set to collect the appropriate volume of soil for subsequent VOC analysis. Each stockpiled soil sample was immediately placed in laboratory-supplied containers (glass jars with Teflon-lined lids, unpreserved VOA vials, VOA vials preserved with methanol and/or VOA vials preserved with sodium bisulfate). The jars were packed full to lessen headspace in the containers. GeoDesign representatives wore new Nitrile gloves during sample collection procedures. The soil samples were immediately placed in a cooler with ice and kept cool during transport to the analytical laboratory. Chain-of-custody procedures were followed during handling and transport of the samples. A portion of the selected samples were used for field screening prior to sample collection.

SOIL SAMPLE FIELD SCREENING METHODS

The GeoDesign field representatives performed field screening tests on portions of the soil samples obtained from the confirmation soil sample locations. Field screening results are used to identify possible contamination in soil samples and to aid in selection of soil samples for chemical analysis. The field screening methods used included visual examination, water sheen testing, and headspace vapor screening (using a hand-held Mini Rae-2000 PID).

Visual screening typically involves inspecting the soil sample for visual indications of petroleum contamination, such as staining. Visual screening is typically more effective when soil samples are heavily contaminated, which generally results in staining.

Headspace vapor screening consists of placing a soil sample in a plastic bag and capturing air in the bag. The bag is then sealed and shaken to expose the atmosphere in the bag to VOCs in the soil. The PID intake probe is then inserted into the bag to measure the concentration of VOCs in the bag headspace.

Water sheen screening involves placing a portion of the soil sample in a pan of water and observing the water surface for visible sheen. Our sheen classifications are as follows:

No Sheen (NS)	No visible sheen apparent on the water surface.
Slight Sheen (SS)	Light, colorless, and dull sheen. Sheen typically dissipates rapidly and spread across the water surface is slow. Organic material in the soil can produce a slight sheen.

Moderate Sheen (MS)	Sheen may have some iridescence and color. Sheen spread across the water surface is fairly rapid and covers nearly the entire water surface.
Heavy Sheen (HS)	Sheen has color and is iridescent. Sheen spread across the water surface is rapid and the entire water surface is typically covered with sheen.

GROUNDWATER ELEVATIONS

Depths to groundwater relative to the monitoring well casing rims were measured using an electronic water-level indicator. The electronic water-level indicator was decontaminated with Alconox solution wash and a distilled water rinse prior to use in each well. Groundwater elevations were calculated by subtracting the water table depth from the surveyed casing rim elevations.

GROUNDWATER SAMPLING

Groundwater samples were collected from all three of the monitoring wells on May 12, 2008. Each groundwater sample was collected using a submersible bladder pump with disposable tubing. The sampling followed standard protocol for low-flow purging and sampling (EPA 1996). Non-disposable sampling equipment, including the submersible bladder pump, was decontaminated before each sample was collected. Purging continued until the following parameters stabilized as indicated:

- pH +/- 0.1 unit
- temperature +/- 1 degree Celsius
- specific conductance +/- 3 percent ohm-cm
- dissolved oxygen +/- 10 percent mg/L
- ORP +/- 10 mV
- Turbidity +/- 10 percent NTUs

Each groundwater sample was transferred in the field to laboratory-prepared sample containers (unpreserved glass bottles with Teflon-lined lids, glass bottles with Teflon-lined lids preserved with hydrochloric acid, VOA vials preserved with hydrochloric acid, and polyurethane bottles preserved with nitric acid). For the submittal of dissolved metals analysis, groundwater samples were field filtered with a disposable 0.45 micron high capacity filter. The sample containers were filled completely to eliminate headspace in the container, immediately placed in a cooler with ice, and kept cool during transport to the analytical laboratory. Chain-of-custody procedures were observed during transport of the groundwater samples to the testing laboratory.

DOCUMENTATION OF SAMPLE LOCATIONS

Field representatives of GeoDesign, Inc. utilized GPS (Trimble GeoXT or Garmin GPS-Map 60CSx) to document the locations of all soil samples collected. Estimated accuracy of GPS locations varied between approximately 1 to 15 feet. Therefore, when samples were collected within a few feet of each other, only one location was recorded using GPS. Sampling depths were documented in feet BGS.

CLEANUP ACTION-DERIVED WASTE

Purge-water generated during this investigation was contained in a WSDOT-approved, 55-gallon, steel drum. Various drums containing soil cuttings, decontamination water, and well development/well purge water were temporarily stored on the project site, pending disposal at an approved facility. GeoDesign is currently coordinating the removal of these drums.

BACKFILLING ACTIVITIES

Field representatives of GeoDesign, Inc. observed the backfilling of all excavations conducted at the project site.

Bones Construction utilized a bulldozer (CAT D-6) to place the backfill material in approximate 1-foot lifts. While placing the backfill material, bones cut shallow benches into the sidewalls of the excavation to allow for more uniform compaction along the edges. A sheep's foot compactor was then used to compact each lift. GeoDesign personnel conducted density tests with a Troxler 3430 nuclear density gauge in 2-foot increments. Test densities were compared to maximum densities determined in our soils lab in general accordance with ASTM D1557 (D698)/AASHTO (T-180 (T-99). However, a field proctor was established due to the variability of some of the backfill material used. In general, tested densities were above the required 95 percent of maximum density. In addition to conducting density tests, Bones utilized a dump truck loaded with backfill material to conduct proofrolls upon the upper 4-feet of the fill placement area. Minor deflection was present under the weight of the truck and pumping or cracking was negligible during the proofroll.

Excavations associated with dry well decommissioning activities were too deep for compaction equipment to be utilized, so a 'Hoe Pack' was used to compact backfill material in approximate 2-foot lifts.

APPENDIX B

NOTICE OF INTENT TO REMOVE OR ENCAPSULATE ASBESTOS

Southwest Clean Air Agency
11815 NE 99th Street, Suite 1294
Vancouver, WA 98682-2454
Voice: (360) 574-3058
Fax: (360) 576-0925

AGENCY USE ONLY

Date Notification Received

Is this a revision to a prior notification?
☒ YES NO
(If yes, highlight all revisions below.)

AGENCY USE ONLY
Date Paid: ____
Fee: $ ____
Receipt #: ____

TYPE OF PROJECT

A ☐ Emergency (double fee)
B, ☐ Maintenance
C. ☐ Encapsulation
D ☐ Enclosure
E ☒ Removal
F ☐ Other (specify) ____

PROJECT CATEGORY (Check one only.)

	ADVANCE NOTIFICATION	FEE (S)
1. ☐ Residential (any amount- owner occupant performed)	24 Hour Notification	25.00
2. ☐ Less than 10 linear feet / Less than 48 square feet	exempt per structure per year	-0-
3. ☐ 10 to 259 linear feet / 48 to 159 square feet	10 working days	100.00
4. ☐ 260 to 999 linear feet / 160 to 4999 square feet	10 working days	250.00
5. ☒ 1000 linear feet or more / 5000 square feet or more	10 working days	500.00

Quantity to be removed/encapsulated: 6,375 square feet or ____ linear feet

Project starting date: MARCH 18, 2008 Completion date: 3/28/2008

Workshift Days: (circle) M T W T F S S
Workshift Hours: 7 AM - 3:30 PM

Site Address: 13910 SE MILL PLAIN BLVD
Street
VANCOUVER WA 98684 CLARK
City State Zip County

Location of asbestos to be removed: AIRPORT PROPERTY - MULTIPLE SUPPORT BLDGS (SEE ATTACHED)

Project description: School? ☐ Yes ☒ No Federal facility or marine vessel? ☐ Yes ☒ No
Complete demolition of structure? ☒ Yes ☐ No Asbestos survey conducted? ☒ Yes ☐ No
Facility Type: SMALL CRAFT AIRPORT Age: 65 yrs. Size: 30,000 sq. ft. # of Floors: TWO

Type of material to be removed/encapsulated:
☐ Fireproofing ☒ P.C. Ceiling ☐ CAB ☒ Sheet Vinyl ☐ Boiler Insulation ☐ Duct Tape
☐ Duct Paper ☐ Mag. Pipe Insulation ☐ Air Cell ☐ CA Pipe ☒ VAT ☐ Other ROOF SEALANT

Is removal: ☒ Indoors ☒ Outdoors (ROOF SEALANT)

Control measures & Personal Protection Equipment:
☒ N P Enclosure ☐ Glove Bag ☐ Mini Enclosure ☐ Wrap & Cut ☒ Water ☒ HEPA Vac ☐ Type C Continuous Flow
☐ 1/2 Mask APR ☐ Full Face APR ☐ PAPR ☒ Type CP Demand ☐ Other ____

Asbestos contractor: LAKE OSWEGO INSULATION CO.
Mailing address: 0425 SW IOWA ST., PORTLAND OREGON Contractor#: 1033
Supervisor: JOE ARNOLD Certificate #: 2008009465A
Owner/CEO: JOHN MAYER Title: PRESIDENT Phone: 503-245-6466
Phone: 503-245-6466

Property Owner: EVERGREEN LANDING DEVEL. LLC
Mailing address: 1230 SW 1ST AVE PORT OR 97204 MULTNOMAH Phone: 503-546-2788
Street City State Zip County
Site contact: KYLE SATTLER Title: SR. PROJ MGR Phone: 360-693-8416

Asbestos disposal site: HILLSBORO LANDFILL, HILLSBORO, OREGON

I DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS NOTIFICATION IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

Signature [signature] 3/28/08 Date

PROJECT OPERATIONS LAKE OSWEGO INSULATION CO
Title Representing

SWCAA Form 12 Revised 6/05/2003

AGENCY USE ONLY
Case No. ____
Amendment No ____

Department of Labor and Industries
Asbestos Certification Program
PO Box 44614
Olympia WA 98504-4614

ASBESTOS ABATEMENT PROJECT NOTICE OF INTENT
L&I DOSH ASBESTOS PROGRAM

This notice must be received no later than 10 calendar days prior to the start date.
Complete all applicable boxes—incomplete or illegible notices will not be accepted. Circle changes on amended notices.
Mail to the address above or fax to (360) 902-4409.
Submit this form online or get more information at http://www.lni.wa.gov/TradesLicensing/LicensingReq/Asbestos/

Notice date: 1/17/08
Start date: 2/4/08
Completion 3/28/08

☐ Initial ☐ Amended
☐ On Hold ☒ Off Hold
☐ Emergency

Site Work Hours: 7 am to 3³⁰ pm

Su	Mo	Tu	We	Th	Fr	Sa
	X	X	X	X	X	

Project Dates and Work Hours must be Exact

CONTRACTOR

Company Name: LAKE OSWEGO INSULATION CO.
Contractor Certification Number: 1033
Signature: Ken Brien
Printed Name: KEN BRIEN
Phone Number: 503-245-6460
Job Site C.A.S.: JOE ARNOLD

PROPERTY OWNER

Name: EVERGREEN LANDING, LLC
Owner's Agent: KYLE SATTLER
Company: GEO DESIGN
Address: 1201 SE TECH CTR DR. STE 160
City: VANCOUVER State: WA ZIP+4: 98683
Phone number: 360-693-8416

JOB SITE

Address: 13910 SE MILL PLAIN BLVD
Building Name: EVERGREEN AIR FIELD SUPPORT BLDGS Room (SEE ATTACHED)
City: VANCOUVER WA
ZIP + 4: 98684 County: CLARK

FACILITY

Type: SMALL CRAFT AIR FIELD
Age: 65 Size: 30,000
☐ Remodel ☒ Demolition
☐ Repair ☐ Maintenance

QUANTITY OF ASBESTOS TO BE: ☒ REMOVED ☐ ENCAPSULATED

Quantity 6,375 square feet

☐ Fireproofing	☐ Boiler insulation
☒ Popcorn ceiling	☐ Duct paper
☐ CAB	☒ VAT
☒ Sheet vinyl	☒ Roofing SEALANT
☐ Asbestos paper	☐ Other ______

Quantity ______ linear feet

☐ Mag. pipe insulation	☐ Cement asbestos pipe
☐ Air cell pipe insulation	☐ Mudded pipe ins.
☐ Ducting/duct insulation	☐ Duct tape
☐ Other ______	☐ Other ______

☒ Indoors ☒ Outdoors

CONTROL MEASURES

☒ Neg. pres. enclosure	☐ Wrap & cut
☐ Glove bag	☒ Wet methods
☐ Mini enclosure	☒ HEPA vacuum
☒ Critical barriers	☒ Manual methods
☐ Other ______	☐ Other ______

RESPIRATORY PROTECTION

☐ ½ mask APR	☐ Type C continuous flow
☐ Full face APR	☒ Type C pressure demand
☐ PAPR	☐ Other ______

ASN 4

ASBESTOS WASTE SHIPMENT REPORT FORM

DEQ

PLEASE PRINT OR TYPE! If you have questions, contact your local DEQ Regional Office in Gresham at (503) 667-8414 x 55018, Salem at (503) 378-5086, Medford at (541) 776-6010 ext. 235, or Bend at (541) 388-6146 ext. 226, OR call (800) 452-4011 for the location of your local regional DEQ office.

081013

WASTE GENERATOR: (Contractor, Facility, or Operator)

1. Asbestos removal site name and address: FORMER EVERGREEN AIRPORT
   13910 SE MILL PLAIN BLVD, VANCOUVER, WA. CLARK 98
   Street / City/State / County / Zip
   Contact person: KYLE SATTLER Phone: 360-693-8416
2. Operator's name and address: Lake Oswego Insulation Co. Phone: (503) 245-6460
   0425 SW Iowa St. Portland, OR Multnomah 97239
   Street / City/State / County / Zip
3. Waste disposal site: Hillsboro Landfill Phone: (503) 640-9427
   3205 SE Minter Bridge Road Hillsboro, OR Washington 97123
   Street / City/State / County / Zip
4. Describe asbestos materials: FLOOR GOODS, CEILING TEXTURE, JOINT COMPOUND
5. Containers: Number: 706 Type: (BA) Double 6-mil bags, labeled
6. Total quantity (cubic yards): 40

7. **OPERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to all government regulations. All movement of this asbestos-containing material is recorded on this Waste Shipment Record Form.

   Name: Ken Brien. Company: Lake Oswego Insulation Co.
   Signature: Ken Brien Date: 3/27/08

TRANSPORTER(S):

8. Transporter #1: (Acknowledgment of receipt of materials)
   Agent: Ken Brien Company: Lake Oswego Insulation Co.
   Address: 0425 SW Iowa St., Portland, OR Phone: (503) 245-6460
   Signature: Ken Brien Date: 3/27/08
9. Transporter #2: (Acknowledgment of receipt of materials)
   Agent: Patrick Skinner Company: Flannery's Hauling
   Address: P.O. Box 849, Fairview, OR 97204 Phone: (503) 777-2854
   Signature: Date: 3/27/08

DISPOSAL: (Certification of receipt of asbestos materials covered by this manifest, except as noted in item 11 below.)

10. Waste Disposal Site: Hillsboro Landfill HILLSBORO LANDFILL
    Name and Title: (503) 640-9427 Date:
    Signature: BRAD BLUE - OPS Phone: (503) 640-9427
11. **DISCREPANCY SPACE:** (Add attachments as needed) MAR 28 2008

(Revised 6/06)

WASTE MANAGEMENT

Hillsboro Landfill, Inc.
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640 9427

Original
Ticket# 113526

Customer Name LAKEOSWEGOIN LAKE OSWEGO TNSD
Ticket Date 03/27/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest
Destination
PO 24346
Profile
Generator

Carrier FLANNERYSDBS FLANNERYS DROP BOX SERV
Vehicle# 3116
Volume
Container 1123
Driver PAT
Check#
Billing # 0000165
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound	Gross	27040 lb
In	03/27/2008 11:30:55	Inbound 2	sdm		Tare	15940 lb
Out	03/27/2008 11:30:55		sdm		Net	11100 lb
					Tons	5.55

Comments 30 STORAGE---- --13910 SE MILL PLAIN

Customer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ASBFRIOUTNETRO-ASB	100	5.55	Tons	101.05	24.42	1560.83	CLARK
2	EVL-Env Fee Lg.	100	1	Load	4.00		4.00	

081013

ENTERED

Total Tax 324.42
Total Ticket 1589.25

Flan 250 00
839.25

Driver's Signature

403WM

EPSI

EARTH PROTECTION SERVICES, INC.

Lamp & Ballast Recycling
10 South 48th Ave., Ste. #4
P.O. Box 23820 - Phoenix, AZ 85063-3820
(800) 414-0443 or (602) 353-9282
Fax: (602) 353-9285

Customer Service Request

No. 16357 5/12/2014

Re: Bill of Lading # F.O.B.
Re: Manifest #
Date: 3/21/08

2821 E. Philadelphia Street Ontario, CA91761 (909) 773-1139 FAX (909) 773-1132	3916 Gattis School Rd. #112 Round Rock, TX 78664 (512) 251-4691 FAX (512) 251-4693	7272 S.W. Durham Rd. #100 Tigard, OR 97224 (503) 620-2466 FAX (503) 620-4313	1823 William Penn Way, #102 Lancaster, PA 17601 (717) 239-5900 FAX (717) 239-5999	429 E. MountainView Dr. Sheridan, WY 82801 (800) 588-7190 FAX (307) 672-7192	102 Twentynine Court Williamston, SC 29697 (864) 847-7700 FAX (864) 847-7800

Customer Information

Name: Lake Oswego Insulation
Address: 425 SW Iowa St.
Portland OR 97201
Phone: 503-245-6460
P.O. #: PO# 24667
Carrier Comments:

Generator Information

Name: Evergreen Airport
Address: 13910 SE Mill Plain
Vancouver, WA. 98684
Phone:
Job# 081013
Comments:

Lamp Material Description

F20		F30	
F40	119	FB40	
F60		F72	
F96	37	HID	
Circular		Compact	
Biax		Exit	
Drums Broken Lamps			

Ballast Material Description

Ballast Drum #	LBS.	INC.	LF.
B09167	288	X	

Other Material Description

Other

Miscellaneous Charges

DOT Drums
Lamp Cartons
Fiber Drums
Labor
Other
Signature

BOL/Manifest
Storage Container
Transport
Standby
Other

Form O-007

EPSI
EARTH PROTECTION SERVICES, INC
Electronic Product Recycling & Recovery
10 South 48th Avenue, Suite 4
P.O. Box 23820, Phoenix, AZ 85063-3820
(602) 353-9282 • (800) 414-0443 • FAX (602) 353-9285
www.earthpro.com

CERTIFICATE OF RECYCLING

Issued to: Lake Oswego Insulation Co., 0425 SW Iowa Street, Portland, OR
Generator: Evergreen Airport, 13910 SE Mill Plain, Vancouver, WA
Manifest/Bill of Lading No.: FOB16357 Date Received: 03-21-08
Waste Product: Mercury Containing Lamps Invoice Number 0096721
Lamp Quantity:

F-10 ____ F-20 ____ F-30 ____ F-40 119 F-60 ____ F-72 ____ F-84 ____
F-96 37 F-108 ____ F-120 ____ FB-40 ____ Incandescent ____ Biax ____
Crushed Drum ____ Circular ____ Compact ____ HID ____ Shattershield ____
Flood Lamp ____ PARS ____ UV Lamp ____ Exit Lamp ____ Projection Bulb ____
Exterior Box ____ Crushed Pound ____ VHO Lamp ____ Xenon Lamp ____ 5 Gallon Pail ____
Broken Pound ____ Broken Drum ____ Flatscreen ____ Aurelle ____

By accepting the waste products in the manifest/bill of lading referenced above, Earth Protection Services, Inc. (EPSI), certifies to the above-named generator that the transport, storage, processing and disposal methods employed by EPSI are in accordance with the facility's permit parameters, the Resource Conservation and Recovery Act, Federal Regulations DOT 49 CFR, OSHA 29 CFR, EPA 40 CFR and all applicable State and Federal laws

EPSI further certifies that:

- The mercury-containing lamps received on the above manifest/bill of lading have undergone mechanical processing to separate lamp components into three primary material groups: (1) glass, (2) metal, (3) mercury-containing phosphor powder.
- The reclaimed metals and crushed glass have been prepared to meet specifications of commercial and industrial products consumers.
- The mercury-containing phosphor powder will be retorted, utilizing the EPSI Retort- In-Place System that recovers mercury as a product that will be sold back into commerce. No mercury contaminated waste is generated from the facility.

Earth Protection Services, Inc., certifies that the information contained in or accompanying this document is true, accurate and complete, to the best of its knowledge.

By: John M. Chilcott
Title: President
Date: 3/26/2008

EPSI
EARTH PROTECTION SERVICES, INC
Electronic Product Recycling & Recovery
10 South 48th Avenue, Suite 4
P.O. Box 23820, Phoenix, AZ 85063-3820
(602) 353-9282 • (800) 414-0443 • FAX (602) 353-9285
www.earthpro.com

CERTIFICATE OF RECYCLING

Issued to: Lake Oswego Insulation Co., 0425 SW Iowa Street, Portland, OR
Generator: Evergreen Airport, 13910 SE Mill Plain, Vancouver, WA
Manifest/Bill of Lading No.: FOB16357 Date Received: 03/21/08
Waste Product: PCB Ballasts Invoice Number 0096721

By accepting the waste products in the manifest/bill of lading referenced above, Earth Protection Services, Inc. (EPSI), certifies to the above-named generator that the transport, storage, processing and disposal methods employed by EPSI are in accordance with Toxic Substance Control Act (TSCA), Federal Regulations DOT 49 CFR, OSHA 29 CFR, EPA 40 CFR and all applicable State and Federal laws

EPSI further certifies that:

- The Fluorescent light ballasts received on the above manifest/bill of lading have undergone mechanical processing to separate the capacitors and potting material from the recyclable metals.
- The recyclable metals have been separated and reclaimed in the form of ferrous metal, copper, and aluminum for resmelting purposes.
- The PCB capacitors and potting material will be shipped to an EPA approved Class 1 incinerator for final destruction.

Earth Protection Services, Inc., certifies that the information contained in or accompanying this document is true, accurate and complete, to the best of its knowledge.

By: John M. Chilcott

Title: President

Date: 3/26/2008

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

March 24, 2008

Lake Oswego Insulation Co.
Mr. Ken Brien
0425 SW Iowa
Portland, Oregon 97201-3625

RE: CLEARANCE AIR SAMPLING AND ANALYSIS AT 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD OFFICE, IN VANCOUVER, WASHINGTON

Dear Mr. Brien;

The attached sample results represent clearance air sampling conducted at 13910 SE Mill Plain Blvd, Evergreen Airfield Office, in Vancouver, Washington, on March 20, 2008 following the removal of asbestos containing ceiling texture and floor tile in isolated area throughout office building with samples taken on the northwest side and southeast side of the building. The samples were taken and analyzed on site by Joshua Warren, a C.E.C. NIOSH 582 certified technician.

Samples were collected on 25mm cellulose ester filters using a 50mm extension cowl. Sample pumps were precalibrated to accepted flow rates as specified by OSHA 29 CFR Parts 1910 and 1926, Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rules, Thursday June 29, 1995.

The asbestos samples were analyzed according to OSHA mandated protocol. The NIOSH 7400 method was used for analysis. Samples were analyzed by phase contrast microscopy. The NIOSH 7400 method also meets EPA requirements for airborne fiber analysis. Following visual inspection, samples were taken passive. Sample results indicate that the areas are safe for occupancy.

We appreciate the opportunity to have worked with you on this project and look forward to serving your needs in the future. If you have any questions or if we can be of further assistance, please call.

Sincerely,

Don Young
Principal

DY/ah

12806 NE 40th Circle •Vancouver, Washington 98682
Portland (503) 221-7904 • Vancouver (360) 254-9385 •Fax (360) 891-9633

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

ASBESTOS AIR SAMPLE DATA SHEET

12806 NE 40TH CIRCLE• VANCOUVER WASHINGTON 98682 • 360/254-9385 - 503/ 221-7904 FAX (360) 891-9633 OCL # 124105

Date: 03-20-08

Firm: LAKE OSWEGO INSULATION

Location: 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD OFFICE, VANCOUVER, WASHINGTON

Date (Rec): 03-20-08

Sampled By: JOSHUA WARREN

Job/Lab #: T-594/08-204

Client #: 081013

Analyst: JOSHUA WARREN

Date (Comp): 03-20-08

Sample ID	220	221	222	223
Codes	C	C	B	B
Notes- Location/ Area: Isolated - Regulated	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT OFFICE BUILDING SAMPLE TAKEN ON NORTHWEST SIDE	CLEARANCE IN ISOLATED AREA THROUGHOUT OFFICE BUILDING SAMPLE TAKEN ON SOUTHEAST SIDE	BLANK	BLANK
Total Minutes	81	80		
Flow Rate Start	15.0	15.0		
Flow Rate End	15.0	15.0		
Liters Of Air	1215	1200		
Fibers/Field	.065	.085	.01	N/D
F/mm ^{2}	8	11		
Coefficient of Variation	.23	.23		
F/cc	.0026	.0035		

Codes: A- Ambient Air Sample, B- Blank, C- Clearance Sample, AC-Aggressive Cleasrance Sample, EX- (STEL) Excursion Sample, IWA- Inside Work Area During Abatement OWA - Outside Work Area During Abatement, P- Personal Sample From Breathing Zone, PRE - Pre abatement, TEM-C TEM Clearance Samples NEG. Negative air exhaust, POST-Post Abatement Sample, ND + None Detected, LOD- Limit of Detection. **The client is requested to submit blank cassettes at a rate of 2 per 20, of a minimum of 2, from the same lot as the work samples. If not provided to us CEC will indicate a blank count of Zero and F/cc may be higher than actual. Client sample location, description, area, volume, etc., was provided by the client. Although the submission of blank samples is required by sampling methodologies, CEC samples results are not blank corrected unless samples are provided.

Commentary: ______ **Analyst Signature** ______

ALL SAMPLES ARE ANALYZED ACCORDING TO NIOSH 7400 METHOD. FIBERS PER FIELD HAVE BEEN CORRECTED FOR BLANK COUNT.

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

March 27, 2008

Lake Oswego Insulation Co.
Mr. Ken Brien
0425 SW Iowa
Portland, Oregon 97201-3625

RE: CLEARANCE AIR SAMPLING AND ANALYSIS AT 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD, IN VANCOUVER, WASHINGTON

Dear Mr. Brien;

The attached sample results represent clearance air sampling conducted at 13910 SE Mill Plain Blvd, Evergreen Airfield, in Vancouver, Washington, on March 25, 2008 following the removal of asbestos containing sheetrock with joint compound in isolated area throughout paint shop with samples taken on the north side, south side, and in center of paint shop. The samples were taken and analyzed on site by Joshua Warren, a C.E.C. NIOSH 582 certified technician.

Samples were collected on 25mm cellulose ester filters using a 50mm extension cowl. Sample pumps were precalibrated to accepted flow rates as specified by OSHA 29 CFR Parts 1910 and 1926, Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rules, Thursday June 29, 1995.

The asbestos samples were analyzed according to OSHA mandated protocol. The NIOSH 7400 method was used for analysis. Samples were analyzed by phase contrast microscopy. The NIOSH 7400 method also meets EPA requirements for airborne fiber analysis. Following visual inspection, samples were taken passive. Sample results indicate that the areas are safe for occupancy.

We appreciate the opportunity to have worked with you on this project and look forward to serving your needs in the future. If you have any questions or if we can be of further assistance, please call.

Sincerely,

D. Y.

Don Young
Principal

DY/ah

12806 NE 40th Circle •Vancouver, Washington 98682
Portland (503) 221-7904 • Vancouver (360) 254-9385 •Fax (360) 891-9633

CERTIFIED ENVIRONMENTAL CONSULTING, INC. — ASBESTOS AIR SAMPLE DATA SHEET

12806 NE 40TH CIRCLE• VANCOUVER WASHINGTON 98682 • 360/254-9385 - 503/ 221-7904 FAX (360) 891-9633 OCL # 124105

Date: 03-25-08

Firm: LAKE OSWEGO INSULATION   Location: 13910 MILL PLAIN BLVD, EVERGREEN AIRFIELD, VANCOUVER, WASHINGTON   Date (Rec): 03-25-08

Sampled By: JOSHUA WARREN   Job/Lab #: T-622/08-220   Client # 081013   Analyst: JOSHUA WARREN   Date (Comp) 03-25-08

Sample ID	223	224	225	226	227
Codes	C	C	C	B	B
Notes-Location/ Area: Isolated - Regulated	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT PAINT SHOP SAMPLE TAKEN ON NORTH SIDE OF PAINT SHOP	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT PAINT SHOP SAMPLE TAKEN ON SOUTH SIDE OF PAINT SHOP	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT PAINT SHOP SAMPLE TAKEN IN CENTER OF PAINT SHOP	BLANK	BLANK
Total Minutes	84	83	83		
Flow Rate Start	15.0	15.0	15.0		
Flow Rate End	14.5	14.5	15.0		
Liters Of Air	1239	1224	1245		
Fibers/Field	.01	.025	.015	N/D	N/D
F/mm ^{2}	1	3	2		
Coefficient of Variation	N/A	N/A	N/A		
F/cc	<LOD <.002	<LOD <.002	<LOD <.002		

Codes: A- Ambient Air Sample, B- Blank, C- Clearance Sample, AC-Aggressive Cleasrance Sample, EX- (STEL) Excursion Sample, IWA- Inside Work Area During Abatement OWA - Outside Work Area During Abatement, P- Personal Sample From Breathing Zone, PRE - Pre abatement, TEM-C TEM Clearance Samples NEG. Negative air exhaust, POST-Post Abatement Sample, ND + None Detected, LOD- Limit of Detection. **The client is requested to submit blank cassettes at a rate of 2 per 20 or a minimum of 2, from the same lot as the work samples. If not provided to us CEC will indicate a blank count of Zero and F/cc may be higher than actual. Client sample location, description, area, volume, etc., was provided by the client. Although the submission of blank samples is required by sampling methodologies, CEC samples results are not blank corrected unless samples are provided.

Commentary: PASSED   **Analyst Signature**

ALL SAMPLES ARE ANALYZED ACCORDING TO NIOSH 7400 METHOD. FIBERS PER FIELD HAVE BEEN CORRECTED FOR BLANK COUNT.

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

April 4, 2008

Lake Oswego Insulation Co.
Mr. Ken Brien
0425 SW Iowa
Portland, Oregon 97201-3625

RE: CLEARANCE AIR SAMPLING AND ANALYSIS AT 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD NW ANTIQUE AIRCRAFT CLUBHOUSE, IN VANCOUVER, WASHINGTON

Dear Mr. Brien;

The attached sample results represent clearance air sampling conducted at 13910 SE Mill Plain Blvd, Evergreen Airfield NW Antique Aircraft Clubhouse, in Vancouver, Washington, on March 28, 2008 following the removal of asbestos containing sheet vinyl, floor tile and mastic in isolated area throughout clubhouse with samples taken on the east and west sides of the clubhouse. The samples were taken and analyzed on site by Joshua Warren, a C.E.C. NIOSH 582 certified technician.

Samples were collected on 25mm cellulose ester filters using a 50mm extension cowl. Sample pumps were precalibrated to accepted flow rates as specified by OSHA 29 CFR Parts 1910 and 1926, Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rules, Thursday June 29, 1995.

The asbestos samples were analyzed according to OSHA mandated protocol. The NIOSH 7400 method was used for analysis. Samples were analyzed by phase contrast microscopy. The NIOSH 7400 method also meets EPA requirements for airborne fiber analysis. Following visual inspection, samples were taken passive. Sample results indicate that the areas are safe for occupancy.

We appreciate the opportunity to have worked with you on this project and look forward to serving your needs in the future. If you have any questions or if we can be of further assistance, please call.

Sincerely,

D. Y.

Don Young
Principal

DY/ah

12806 NE 40th Circle •Vancouver, Washington 98682
Portland (503) 221-7904 • Vancouver (360) 254-9385 •Fax (360) 891-9633

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

ASBESTOS AIR SAMPLE DATA SHEET

12806 NE 40TH CIRCLE• VANCOUVER WASHINGTON 98682 • 360/254-9385 - 503/ 221-7904 FAX (360) 891-9633 OCL # 124105

Date: 03-28-08

Firm: LAKE OSWEGO INSULATION

Location: 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD NW ANTIQUE AIRCRAFT CLUBHOUSE, VANCOUVER, WASHINGTON

Date (Rec): 03-28-08

Sampled By: JOSHUA WARREN

Job/Lab #: T-645/08-224

Client # 081013

Analyst: JOSHUA WARREN

Date (Comp) 03-28-08

Sample ID	223	224	225	226
Codes	C	C	B	B
Notes-Location/ Area: Isolated - Regulated	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT CLUBHOUSE SAMPLE TAKEN ON EAST SIDE OF CLUBHOUSE	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT CLUBHOUSE SAMPLE TAKEN ON WEST SIDE OF CLUBHOUSE	BLANK	BLANK
Total Minutes	81	81		
Flow Rate Start	15.0	15.0		
Flow Rate End	14.5	14.5		
Liters Of Air	1195	1195		
Fibers/Field	.01	N/D	N/D	N/D
F/mm^2	1	0		
Coefficient of Variation	N/A	N/A		
F/cc	<LOD <.002	<LOD <.002		

Codes: A- Ambient Air Sample, B- Blank, C- Clearance Sample, AC-Aggressive Cleasrance Sample, EX- (STEL) Excursion Sample, IWA- Inside Work Area During Abatement OWA - Outside Work Area During Abatement, P- Personal Sample From Breathing Zone, PRE - Pre abatement, TEM-C, TEM Clearance Samples NEG. Negative air exhaust, POST-Post Abatement Sample, ND + None Detected, LOD- Limit of Detection. **The client is requested to submit blank cassettes at a rate of 2 per 20, or a minimum of 2, from the same lot as the work samples. If not provided to us CEC will indicate a blank count of Zero and F/cc may be higher than actual. Client sample location, description, area, volume, etc., was provided by the client. Although the submission of blank samples is required by sampling methodologies, CEC samples results are not blank corrected unless samples are provided.

Commentary: PASSED (CLUBHOUSE)

Analyst Signature

ALL SAMPLES ARE ANALYZED ACCORDING TO NIOSH 7400 METHOD. FIBERS PER FIELD HAVE BEEN CORRECTED FOR BLANK COUNT.

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

April 4, 2008

Lake Oswego Insulation Co.
Mr. Ken Brien
0425 SW Iowa
Portland, Oregon 97201-3625

RE: CLEARANCE AIR SAMPLING AND ANALYSIS AT 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD APARTMENT AT EVERGREEN FLIGHT CENTER, IN VANCOUVER, WASHINGTON

Dear Mr. Brien;

The attached sample results represent clearance air sampling conducted at 13910 SE Mill Plain Blvd, Evergreen Airfield Apartment at Evergreen Flight Center, in Vancouver, Washington, on March 28, 2008 following the removal of asbestos containing ceiling texture in isolated area throughout studio apartment with samples taken on east and west side of area. The samples were taken and analyzed on site by Joshua Warren, a C.E.C. NIOSH 582 certified technician.

Samples were collected on 25mm cellulose ester filters using a 50mm extension cowl. Sample pumps were precalibrated to accepted flow rates as specified by OSHA 29 CFR Parts 1910 and 1926, Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rules, Thursday June 29, 1995.

The asbestos samples were analyzed according to OSHA mandated protocol. The NIOSH 7400 method was used for analysis. Samples were analyzed by phase contrast microscopy. The NIOSH 7400 method also meets EPA requirements for airborne fiber analysis. Following visual inspection, samples were taken passive. Sample results indicate that the areas are safe for occupancy.

We appreciate the opportunity to have worked with you on this project and look forward to serving your needs in the future. If you have any questions or if we can be of further assistance, please call.

Sincerely,

Don Young
Principal

DY/ah

12806 NE 40th Circle •Vancouver, Washington 98682
Portland (503) 221-7904 • Vancouver (360) 254-9385 •Fax (360) 891-9633

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

ASBESTOS AIR SAMPLE DATA SHEET

12806 NE 40TH CIRCLE• VANCOUVER WASHINGTON 98682 • 360/254-9385 - 503/ 221-7904 FAX (360) 891-9633 OCL # 124105

Date: 03-28-08

Firm: LAKE OSWEGO INSULATION

Location: 13910 SE MILL PLAIN BLVD, EVERGREEN AIRFIELD APARTMENT AT EVERGREEN FLIGHT CENTER, VANCOUVER, WASHINGTON

Date (Rec): 03-28-08

Sampled By: JOSHUA WARREN

Job/Lab #: T-646/08-225

Client #: 081013

Analyst: JOSHUA WARREN

Date (Comp): 03-28-08

Sample ID	219	220	221	222
Codes	C	C	B	B
Notes- Location/ Area: Isolated - Regulated	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT STUDIO APARTMENT SAMPLE TAKEN ON EAST SIDE OF AREA	CLEARANCE SAMPLE IN ISOLATED AREA THROUGHOUT STUDIO APARTMENT SAMPLE TAKEN ON WEST SIDE OF AREA	BLANK	BLANK
Total Minutes	80	80		
Flow Rate Start	15.0	15.0		
Flow Rate End	14.75	14.75		
Liters Of Air	1190	1190		
Fibers/Field	.025	.03	N/D	.01
F/mm^2	3	4		
Coefficient of Variation	N/A	N/A		
F/cc	<LOD <.002	<LOD <.002		

Codes: A- Ambient Air Sample, B- Blank, C- Clearance Sample, AC-Aggressive Cleasrance Sample, EX- (STEL) Excursion Sample, IWA- Inside Work Area During Abatement OWA - Outside Work Area During Abatement, P- Personal Sample From Breathing Zone, PRE - Pre abatement, TEM-C- TEM Clearance Samples NEG. Negative air exhaust, POST-Post Abatement Sample, ND + None Detected, LOD- Limit of Detection. **The client is requested to submit blank cassettes at a rate of 2 per 20 or a minimum of 2, from the same lot as the work samples. If not provided to us CEC will indicate a blank count of Zero and F/cc may be higher than actual. Client sample location, description, area, volume, etc., was provided by the client. Although the submission of blank samples is required by sampling methodologies, CEC samples results are not blank corrected unless samples are provided.

Commentary: **PASSED (STUDIO APARTMENT)** **Analyst Signature**

ALL SAMPLES ARE ANALYZED ACCORDING TO NIOSH 7400 METHOD. FIBERS PER FIELD HAVE BEEN CORRECTED FOR BLANK COUNT.

APPENDIX C

LEED-NC
LEED FOR NEW CONSTRUCTION

LEED-NC 2.2 Submittal Template
MR Credit 2.1/2.2: Construction Waste Management:
Divert 50% / 75% From Disposal

construction

(Responsible Individual) (Company Name)

I, Trip Turner , from ELDER Demolition, Inc.

verify that the information provided below is accurate, to the best of my knowledge.

CREDIT COMPLIANCE

Select units for diverted & landfill waste calculation

(•) Tons ( ) Cu. Yds.

Diverted Construction Waste Calculation

Diverted / Recycled Materials Description	Diversion / Recycling Hauler or Location	Quantity of Diverted / Recycled Waste	
Steel	Quantum Resource 3/18/08	5,280.00	CLEAR
Steel	Q.R 3/18/08	4,920.00	CLEAR
Tin	Q.R 3/19/08	7,680.00	CLEAR
Tin	Q.R 3/19/08	7,260.00	CLEAR
Tin	Q.R 3/19/08	7,980.00	CLEAR
Steel	Q.R 3/19/08	5,160.00	CLEAR
Steel	Q.R 4/4/08	7,600.00	CLEAR
Steel	Q.R 4/4/08	7,040.00	CLEAR
Steel	Q.R 4/16/08	5,540.00	CLEAR
Steel	Q.R 4/16/08	7,620.00	CLEAR
			CLEAR
			CLEAR
			CLEAR

Landfill Construction Waste Calculation

Landfill Materials Description	Landfill Hauler or Location	Quantity of Landfilled Waste	
Debris	Grabhorn Landfill #518941	8.41	CLEAR
Debris	G.L #518390	8.64	CLEAR
Debris	G.L #518224	7.17	CLEAR
Debris	G.L #518232	6.50	CLEAR
Debris	G.L #518260	4.57	CLEAR
Debris	G.L #518263	5.46	CLEAR
Debris	G.L #518152	7.10	CLEAR
Debris	G.L #518159	5.10	CLEAR
Debris	G.L #518197	4.73	CLEAR
Debris	G.L #518918	7.16	CLEAR
Debris	G.L #518325	7.25	CLEAR
Debris	G.L #518574	6.71	CLEAR
Debris	G.L #518579	5.40	CLEAR
Debris	G.L #518610	6.16	CLEAR
Debris	G.L #518615	8.18	CLEAR
Debris	G.L #518546	5.86	CLEAR
Debris	G.L #518547	5.77	CLEAR
Debris	G.L #518479	5.59	CLEAR

Landfill Construction Waste Calculation

Landfill Materials Description	Landfill Hauler or Location	Quantity of Landfilled Waste
Debris	Grabhorn Landfill #518483	7.82
Debris	G.L #518512	6.84
Debris	G.L #518517	6.01

CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR

Total Construction waste generated	66,216.43	Tons
Total Construction waste diverted	66,080.00	Tons
Total percentage of construction waste diverted from landfill**	99.794	%

**To qualify for the credit the project must recycle and/or salvage at least 50% of non-hazardous construction, demolition and land-clearing debris.

NARRATIVE (Required)

Please describe the project's construction waste management approach and plan.
Please provide any additional comments or notes regarding special circumstances or considerations regarding the project's credit approach.

NARRATIVE (Optional)

Please provide any additional comments or notes regarding special circumstances or considerations regarding the project's credit approach.

☐ The project is seeking point(s) for this credit using an alternate compliance approach. The compliance approach, including references to any applicable Credit Interpretation Rulings is fully documented in the narrative above. *(Indicate the number of points documented in the field below).*

Alternative Compliance Points Documented

Project Name: Clark College - Gaiser Hall Addition/Rem

Credit: MR Credit 2.1/2.2: Construction Waste Management: Divert 50% / 75% From Disposal Points Documented:

READY TO SAVE THIS TEMPLATE TO LEED-ONLINE? Please enter your first name, last name and today's date below, followed by your LEED-Online Username and Password associated with the Project listed above to confirm submission of this template.

Kevin	Konkel		kkonkel@emerick.com	
First Name	Last Name	Date	Username (Email Address)	Password

SAVE TEMPLATE TO LEED-ONLINE   PRINT TEMPLATE

LEED-NC
LEED FOR NEW CONSTRUCTION

construction

(Responsible Individual) (Company Name)

I, Trip Turner , from ELDER Demolition, Inc.

verify that the information provided below is accurate, to the best of my knowledge.

CREDIT COMPLIANCE

Select units for diverted & landfill waste calculation ◉ Tons ○ Cu. Yds.

Diverted Construction Waste Calculation

Diverted / Recycled Materials Description	Diversion / Recycling Hauler or Location	Quantity of Diverted / Recycled Waste	
Wood	Environmentally Conscious Recycling #133437 3/13/08	4.55	CLEAR
Wood	ECR #133490 3/14/08	4.11	CLEAR
Wood	ECR #133470 3/14/08	4.20	CLEAR
Wood	ECR #133853 3/17/08	4.85	CLEAR
Wood	ECR #133883 3/17/08	4.22	CLEAR
Wood	ECR #133857 3/17/08	5.26	CLEAR
Wood	ECR #134046 3/18/08	4.96	CLEAR
Wood	ECR #134044 3/18/08	5.27	CLEAR
Wood	ECR #134194 3/19/08	4.27	CLEAR
Wood	ECR #134213 3/19/08	4.20	CLEAR
Wood	ECR #134340 3/20/08	4.00	CLEAR
Wood	ECR #134350 3/20/08	4.04	CLEAR
Wood	ECR #134362 3/20/08	5.41	CLEAR

Diverted Construction Waste Calculation

Diverted / Recycled Materials Description	Diversion / Recycling Hauler or Location	Quantity of Diverted / Recycled Waste	
Wood	ECR #134381 3/20/08	4.32	CLEAR
Wood	ECR #134394 3/20/08	4.82	CLEAR
Wood	ECR #134408 3/20/08	5.13	CLEAR
Wood	ECR #134432 3/20/08	4.93	CLEAR
Wood	ECR #134500 3/21/08	4.62	CLEAR
Wood	ECR #135199 3/25/08	3.83	CLEAR
Wood	ECR #135161 3/25/08	4.02	CLEAR
Wood	ECR #135135 3/25/08	3.58	CLEAR
Wood	ECR #135312 3/26/08	3.73	CLEAR
Wood	ECR #135620 3/28/08	5.12	CLEAR
Wood	ECR #135609 3/28/08	4.04	CLEAR
Wood	ECR #136469 4/2/08	4.26	CLEAR
Wood	ECR #136452 4/2/08	4.84	CLEAR
Wood	ECR #136610 4/3/08	4.11	CLEAR
Wood	ECR #138668 4/15/08	3.72	CLEAR
Wood	ECR #138710 4/15/08	2.05	CLEAR
			CLEAR

Landfill Construction Waste Calculation

Landfill Materials Description	Landfill Hauler or Location	Quantity of Landfilled Waste	
Debris	Grabhorn Landfill #517584	4.82	CLEAR
Debris	G.L #517582	4.36	CLEAR
Debris	G.L #518710	5.73	CLEAR
Debris	G.L #518738	5.02	CLEAR
Debris	G.L #519395	7.87	CLEAR
Debris	G.L #518675	9.14	CLEAR
Debris	G.L #519389	7.98	CLEAR
Debris	G.L #518853	8.79	CLEAR
Debris	G.L #518845	8.97	CLEAR
Debris	G.L #518791	5.84	CLEAR
Debris	G.L #518802	8.35	CLEAR
Debris	G.L #518759	6.51	CLEAR
Debris	G.L #518753	6.01	CLEAR
Debris	G.L #517861	3.92	CLEAR
Debris	G.L #517870	7.20	CLEAR
Debris	G.L #518734	13.30	CLEAR
Debris	G.L #518362	7.56	CLEAR
Debris	G.L #518363	7.66	CLEAR

Landfill Construction Waste Calculation

Landfill Materials Description	Landfill Hauler or Location	Quantity of Landfilled Waste	
Debris	Grabhorn Landfill #518392	7.70	CLEAR
Debris	G.L #518645	8.95	CLEAR
Debris	G.L #518646	7.74	CLEAR
Debris	G.L #518694	8.62	CLEAR
Debris	G.L #518695	9.61	CLEAR
Debris	G.L #518981	8.36	CLEAR
Debris	G.L #518983	8.44	CLEAR
Debris	G.L #519030	8.08	CLEAR
Debris	G.L #519035	10.18	CLEAR
Debris	G.L #518902	5.87	CLEAR
Debris	G.L #518908	5.93	CLEAR
Debris	G.L #518939	9.02	CLEAR

Total Construction waste generated	353.99	Tons
Total Construction waste diverted	126.46	Tons
Total percentage of construction waste diverted from landfill**	35.724	%

**To qualify for the credit the project must recycle and/or salvage at least 50% of non-hazardous construction, demolition and land-clearing debris.

NARRATIVE (Required)

Please describe the project's construction waste management approach and plan.
Please provide any additional comments or notes regarding special circumstances or considerations regarding the project's credit approach.

NARRATIVE (Optional)

Please provide any additional comments or notes regarding special circumstances or considerations regarding the project's credit approach.

☐ The project is seeking point(s) for this credit using an alternate compliance approach. The compliance approach, including references to any applicable Credit Interpretation Rulings is fully documented in the narrative above. *(Indicate the number of points documented in the field below).*

Alternative Compliance Points Documented

Project Name: ~~Clark College - Gaiser Hall Addition/Rem~~ Evergreen Airfield

Credit: MR Credit 2.1/2.2: Construction Waste Management: Divert 50% / 75% From Disposal Points Documented:

READY TO SAVE THIS TEMPLATE TO LEED-ONLINE? Please enter your first name, last name and today's date below, followed by your LEED-Online Username and Password associated with the Project listed above to confirm submission of this template.

First Name	Last Name	Date	Username (Email Address)	Password
~~Kevin~~	Konkel		kkonkel@emerick.com	

SAVE TEMPLATE TO LEED-ONLINE | PRINT TEMPLATE

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 517582

Time In 14:08

Gross Wt. 45320

Tare Wt. 36600

Net Wt. 8720

4.36

Amount $ 137.12

P.O # [redacted] 12457

Job# [redacted] 8018

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 517584

Time In 14:31

Gross Wt. 46700

Tare Wt. 37060

Net Wt. 9640

4.82

Amount $ 151.59

P.O# 12457

Job# 8018

12513

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518738

Time In 3:00

Gross Wt. 47500

Tare Wt. 37460

Net Wt. 10,040

Amount $ 157.88

12513

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518710

Time In 12:25

Gross Wt. 47380

Tare Wt. 35920

Net Wt. 11460

Amount $ 180.21

PO# 12513

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518675

Time In 10:10

Gross Wt.

Tare Wt.

Net Wt. 18,280

ount $ 287.45

GRABHORN INC.
LANDFILL AND RECYCLING 4/14/1

Ticket # 519395

Time In 10:49

Gross Wt. 52700

Tare Wt. 36960

Net Wt. 15740

Amount $ 247.51

Job# 8018

P.O# 12565

GRABHORN INC.
LANDFILL AND RECYCLING 4/14/08

Ticket # 519389

Time In 10:23

Gross Wt. 53540

Tare Wt. 37580

Net Wt. 15960

Amount $ 250.97

Job# 8018

P.O# 12565

12520

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518853

Time In 315

Gross Wt. 55040

Tare Wt. 37460

Net Wt. 17580

8.79

Amount $ 275 45

12520

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518845

Time In 14:62

Gross Wt. 55180

Tare Wt. 37240

Net Wt. 17940

Amount $ 282.11

12520

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518791

Time In 9:59

Gross Wt. 48620

Tare Wt. 36940

Net Wt. 11680

Amount $ 183.67

12520

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518802

Time In 10:19

Gross Wt. 54440

Tare Wt. 37740

Net Wt. 16700

Amount $ 262.61

4/4/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518759

Time In 7:39

Gross Wt. 50480

Tare Wt. 37460

Net Wt. 13020

Amount $ 204.74

Job# 8018
P.O# 12517

4/4/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518753

Time In 7:26

Gross Wt. 49500

Tare Wt. 37480

Net Wt. 12020

Amount $ 189.01

Job# 8018
P.O# 12517

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 517861

Time In 11:42

Gross Wt. 44720

Tare Wt. 36880

Net Wt. 7840

Amount $ 123.28

Job# 8018

P.O# 12465

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 517870

Time In 12:03

Gross Wt. 49880

Tare Wt. 35480

Net Wt. 14400

Amount $ 226.44

Job# 8018

P.O# 12465

3/31/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518734

Time In 14:04

Gross Wt. 85920

Tare Wt. 59320

Net Wt. 26600

Amount $ 418.29

Job# 8018
P.O# 12528

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518362

Time In 7:45

Gross Wt. 51940

Tare Wt. 36820

Net Wt. 15120

Amount $ 237.76

Job# 8018
P.O# 12499

3/31/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518363

Time In 7:59

Gross Wt. 52160

Tare Wt. 36840

Net Wt. 15320

Amount $ 240.91

Job# 8018
P.O# 12499

3/31/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518392

Time In 11:36

Gross Wt. 51760

Tare Wt. 36220

Net Wt. 15,540

Amount $ 244.37

Job # 8018
P.O# 12499

GRABHORN INC.
LANDFILL AND RECYCLING 4/3/08

Ticket # 518645

Time In 7:31

Gross Wt. 54560

Tare Wt. 36660

Net Wt. 17900

Amount $ 281.48

Job# 8018
P.O# 12528

GRABHORN INC.
LANDFILL AND RECYCLING 4/3/08

Ticket # 518646

Time In 7:51

Gross Wt. 51280

Tare Wt. 35800

Net Wt. 15480

Amount $ 243.42
Job# 8018

P.O# 12528

GRABHORN INC.
LANDFILL AND RECYCLING 4/3/08

Ticket # 518694

Time In 10:59

Gross Wt. 54600

Tare Wt. 37360

Net Wt. 17240

Amount $ 271.10

Job# 8018
P.O# 12528

GRABHORN INC.
LANDFILL AND RECYCLING 4/3/08

Ticket # 518695

Time In 11:14

Gross Wt. 56600

Tare Wt. 37380

Net Wt. 19220

Amount $ 302.23

Job# 8018
P.O# 12528

GRABHORN INC. 4/8/08
LANDFILL AND RECYCLING

Ticket # 518981

Time In 7:33

Gross Wt. 54100

Tare Wt. 37380

Net Wt. 16720

Amount $ 262.92

Job# 8018

~~Job~~ P.O# 12536

GRABHORN INC. 4/8/08
LANDFILL AND RECYCLING

Ticket # 518983

Time In 7:44

Gross Wt. 53640

Tare Wt. 36760

Net Wt. 16880

Amount $ 265.44

Job# 8018

P.O# 12536

GRABHORN INC. 4/8/08
LANDFILL AND RECYCLING

Ticket # 519030

Time In 11:03

Gross Wt. 53500

Tare Wt. 37340

Net Wt. 16160

Amount $ 254.12

Job# 8018

P.O# 12536

GRABHORN INC. 4/8/08
LANDFILL AND RECYCLING

Ticket # 519035

Time In 11:17

Gross Wt. 56080

Tare Wt. 35720

Net Wt. 20360

Amount $ 320.16

Job# 8018

P.O# 12536

4/7/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518902

Time In 9:23

Gross Wt. 49320

Tare Wt. 37580

Net Wt. 11740

Amount $ 184.61

Job # 8018

P.O# 12535

4/7/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518908

Time In 9:39

Gross Wt. 47660

Tare Wt. 35800

Net Wt. 11860

Amount $ 186.50

Job # 8018

P.O# 12535

4/7/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518939

Time In 12:47

Gross Wt. 54720

Tare Wt. 36680

Net Wt. 18040

Amount $ 283.68

Job# 8018

P.O# 12535

4/7/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518941

Time In 13:03

Gross Wt. 53180

Tare Wt. 36360

Net Wt. 16820

Amount $ 264.49

Job# 8018

P.O# 12535

3/31/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518390

Time In 11:14

Gross Wt. 54600

Tare Wt. 37320

Net Wt. 17280

Amount $ 271.73

Job# 8018
P.O# 12499

3/27/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518224 ~~[illegible]~~

Time In 9:32

Gross Wt. 50840

Tare Wt. 36500

Net Wt. 14340

Amount $ 225.50

Job # 8018
P.o # 12477

3/27/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518232

Time In 9:48

Gross Wt. 49820

Tare Wt. 36820

Net Wt. 13000

Amount $ 204.43

Job# 8018
P.O# 12477

3/27/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518260

Time In 12:53

Gross Wt. 46500

Tare Wt. 37360

Net Wt. 9140

Amount $ 143.73

Job# 8018
P.O# 12477

3/27/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518263

Time In 13:08

Gross Wt. 48400

Tare Wt. 37480

Net Wt. 10920

Amount $ 171.72

Job# 8018
P.O# 12477

3/26/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518152

Time In 10:46

Gross Wt. 50960

Tare Wt. 36760

Net Wt. 14200

Amount $ 223.30

Job# 8018
P.O# 12476

3/26/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518159

Time In 11:07

Gross Wt. 47880

Tare Wt. 37680

Net Wt. 10200

Amount $ 160.40

Job# 8018
P.O#

3/26/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518197

Time In 14:51

Gross Wt. 46060

Tare Wt. 36600

Net Wt. 9460

Amount $ 148.76

Job# 8018
P.O#

3/26/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518198

Time In 15:09

Gross Wt. 51700

Tare Wt. 37380

Net Wt. 14320

Amount $ 225.18

Job# 8018

P.O#

3-28-08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518305

Time In 11:02

Gross Wt. 52,080

Tare Wt. 37,500

Net Wt. 14,500

Amount $ 228.01

PO 12483

Job# 8018

4/2/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518574

Time In 10:31

Gross Wt. 50120

Tare Wt. 36700

Net Wt. 13420

Amount $ 211.03

Job# 8018

P.O# 12507

4/2/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518579

Time In 10:47

Gross Wt. 47140

Tare Wt. 36340

Net Wt. 10800

Amount $ 169.83

Job# 8018

P.o# 12507

4/2/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518610

Time In 13.47

Gross Wt. 49 660

Tare Wt. 37340

Net Wt. 12320

Amount $ 193.73

Job# 8018
P.O# 12507

4/2/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518615

Time In 14:03

Gross Wt. 53740

Tare Wt. 37380

Net Wt. 16360

Amount $ 257.26

Job# 8018
P.O# 12507

GRABHORN INC.
LANDFILL AND RECYCLING

4/2/08

Ticket # 518546

Time In 7:20

Gross Wt. 49200

Tare Wt. 37480

Net Wt. 11720

Amount $ 184.30

Job# 8018
P.O# 12507

4/2/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518547

Time In 7:35

Gross Wt. 49100

Tare Wt. 37560

Net Wt. 11540

Amount $ 181.47

Job 8018
P.O# 12507

4/1/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518479

Time In 10:50

Gross Wt. 48580

Tare Wt. 37400

Net Wt. 11180

Amount $ 175.81

Job# 8018
P.O# 12502

4/1/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518483

Time In 11:04

Gross Wt. 53120

Tare Wt. 37480

Net Wt. 15640

Amount $ 245.94

Job# 808
P.O# 12502

4/1/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518512

Time In 13:55

4/1/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518517

Time In 14:10

4/16/08
Out of State

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 519609

Time In 11:56

Gross Wt. 41680

Tare Wt. 35760

Net Wt. 5920

Amount $ 156.14

Job# 8020

P.O# 12581

4/1/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 519605

Time In 11:43

Gross Wt. 45940

Tare Wt. 36340

Net Wt. 9600

Amount $ 150.96

Job# 8018

P.O# 12581

4/1/08

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518448

Time In 7:14

Gross Wt. 52300

Tare Wt. 36760

Net Wt. 15540

Amount $ 244.37

Job# 8018

P.O# 12502

GRABHORN INC.
LANDFILL AND RECYCLING

Ticket # 518451

Time In 7:29

Gross Wt. 48540

Tare Wt. 36440
12100

Net Wt.

Amount $ 198

Job# 8018

P.O# 12502

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo
Contact:
Date: 3/18/08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

truck #10

Quantity	Description	Gross	Tare	Net
20 ton	Steel			5280
	8028			

07:46 03/18/08 G+041920 lb

5280 ✓

07:57 03/18/08 G+036640 lb

Ticket # ____ By: ____

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo
Contact:
Date: 3/18/08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

black box

Quantity	Description	Gross	Tare	Net
20 ton	Steel			4920
	8028			

07:45 03/18/08 G+038960 lb

4920 ✓

07:50 03/18/08 G+034040 lb

Ticket # ____ By: 4C

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo

Contact: Date: 3/19/08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

Elder

Quantity	Description	Gross	Tare	Net
280/ton	tin			7680
	8018			

07:07 03/19/08 G+044800 lb

07:18 03/19/08 G+037120 lb

7680

Ticket # By:

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo [illegible]

Contact: Date: 03-19-08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

Quantity	Description	Gross	Tare	Net
280/ton	Tin			7260
	8018			

07:06 03/19/08 G+041620 lb

07:11 03/19/08 G+034360 lb

7260

Ticket # By: 40

QUANTUM RESOURCE Recovery, Inc.

Company:

Address: Elder Demo

Contact: Date: 3/19/08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

Quantity	Description	Gross	Tare	Net
280	tin			
	808			

12:55 03/19/08 G+042240 lb

7980

13:00 03/19/08 G+034260 lb

Ticket # ____ By: 40

QUANTUM RESOURCE Recovery, Inc.

Company:

Address: Elder Demo

Contact: Date: 3/19/08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

Quantity	Description	Gross	Tare	Net
280	tin Steel			5760
	808			

12:56 03/19/08 G+042680 lb

5760

13:05 03/19/06 G+036920 lb

Ticket # ____ By: ____

[illegible]	Materials & Services	Quantity Unit	Rate/Unit	[illegible]
[illegible]	100% [illegible]	[illegible] ton	[illegible]/ton	[illegible]

STEPHANIE

T-10

Job# 8018

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo

Contact: Date:

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

box #2

Quantity	Description	Gross	Tare	Net
20 ton	Steel	11080	5540	5540
30 ton	heavy			5540

08:50 04/15/08 G+048540 lb

08:52 04/15/08 G+037460 lb

11080
-5540
5540

2610
Job# 8018

Ticket # By:

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo

Contact: Date: 4/16/08

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

box #1

Quantity	Description	Gross	Tare	Net
20 ton	Steel			7620

08:35 04/15/08 G+045000 lb

7620

08:47 04/15/08 G+037380 lb

2610
Job # 8018

Ticket # By:

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo

Contact: Date:

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

Quantity	Description	Gross	Tare	Net
280/ton	Steel			7600

10:42 04/04/08 G+040540 lb

7600 L

11:08 04/04/08 G+032940 lb

Ticket # By: 40

QUANTUM RESOURCE Recovery, Inc.

Company:
Address: Elder Demo

Contact: Date:

10750 SW Denney Rd., Beaverton, OR 97008 Phone 503.646.2427 Fax 503.469.1997

Quantity	Description	Gross	Tare	Net
280/ton	Steel			7040

10:38 04/04/08 G+043560 lb

7040 L

11:12 04/04/08 G+036520 lb

Ticket # By:

Gross [illegible]
Tare [illegible]
Net [illegible]

[illegible]	Materials & Services	Quantity Unit	Rate/Unit	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Total Amount: [illegible]

Deputy Weighmaster: [illegible]

T-10
Job# 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503) 253-[illegible]

Ticket: 133470
Date: 3/14/2006
Time: 06:40:49 - 08:45:06

			Scale
Gross:	45980 lb	In	Scale 1
Tare:	37580 lb	Out	Scale 2
Net:	8400 lb		

Truck: 0763-1
Customer: [illegible]   License: [illegible]

Comment: JOB ,00L Truck # 10

Origin	Materials & Services	Quantity Unit	Rate-Unit	Amount
1 PORTLAND	100% of GEN WOOD	4.20 ton	$0.00 Ton	$0.00

Total Amount: $0.00

Ben Alborum

Driver: Ben Albin [signature]   Deputy Weighmaster: ____________
JOANNE

Job# 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503)252-0367

Ticket: 133053
Date: 3/17/2008
Time: 08:31:25 - 08:46:40

			Scale
Gross:	46700	lb	In Scale 1
Tare:	37000	lb	Out Scale 2
Net:	9700	lb	

Truck: 0783-16
Customer: 0783/ELDER DEMOLITION

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of 02W/WOOD	4.85 ton	$0.00/Ton	$0.00

Total Amount: $0.00

Ben Albarran

Driver: Ben Albarn.

Deputy Weighmaster: JOANNE

T-10

Job# 8018

[illegible]
Thank You for Recycling
(503)253-[illegible]

Truck: [illegible]
Customer: 9783 [illegible] DEMOLITION

Ticket: [illegible]
Date: [illegible]
Time: [illegible] - [illegible]
Scale
Gross: 44360 lb In Scale [illegible]
Tare: 35[illegible] lb Out Scale 2
Net: 8[illegible]

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
[illegible]	100% of [illegible] WOOD	4.22 ton	[illegible] Ton	[illegible]

Total Amount: [illegible]

Ben Albarran

Driver: Ben Albarran Deputy Weighmaster: ____________
JOHNF

T-10
Job# 8018

Job 8018

~~6091~~

Environmentally Conscious Recycling
Thank You for Recycling
(503)253-0857

Truck: 0738-4
Customer: 0783/ELDER DEMOLITION

Ticket: 133857
Date: 3/17/2008
Time: 08:52:09 - 09:02:44

			Scale
Gross:	50020 lb	In	Scale 1
Tare:	39500 lb	Out	Scale 2
Net:	10520 lb		

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
PORTLAND	100% of 02W-WOOD	5.26 ton	$0.00/Ton	$0.00

Total Amount: $0.00

Driver: ____________ Deputy Weighmaster: ____________
JOANNE

Bryan Becker

[illegible] Recycling
[illegible]

Ticket: [illegible]

Trucking: [illegible]

Comment: [illegible]

Origin	Materials & Services	Quantity Unit	Rate Unit	Amount
[illegible]	[illegible] OF SAWDUST	[illegible] Ton	[illegible] Ton	[illegible]

Ben Alborow

Total Amount: [illegible]

Driver: Ben Alborow

Deputy Weighmaster: [illegible]

T-10

Job# 8018

Job 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503)253-0857

Ticket: [illegible] 5408
Date: 3/18/2008
Time: 10:45:51 - 10:53:05

Gross: 48668 lb In Scale 1
Tare: 38128 lb Out Scale 2
Net: 10540 lb

Truck: 9783-4
Customer: 9783/ELDER DEMOLITION License: ELDER DEMO

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of 02W/WOOD	5.27 ton	$0.00/Ton	$0.00

Total Amount: $0.00

Driver: ______________ Deputy Weighmaster: ______________
Bryan Becker JOANNE

T-10
Job# 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503)[illegible]

Truck: [illegible] 18
Customer: [illegible] DEMOLITION

Ticket: 134213
Date: 5/19/2008
Time: [illegible]

Gross: 44700 lb In Scale
Tare: 36300 lb Out Scale
Net: 8400 lb

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of C&W/WOOD	4.20 ton	$0.00/Ton	$0.00
			Total Amount:	$0.00

Driver: Ben Albaran
Ben Alberran

Deputy Weighmaster: ____________
JOANNE

T-10
Job #8018

Environmentally Conscious Recycling
Thank You for Recycling
(503)283-8867

Truck: 8703-10
Customer: 0723/ELDER DEMOLITION

Ticket: 134,540
Date: 3/28/2006
Time: 08:33:45 - 08:[illegible]
Scale
Gross: 45200 lb In Scale 1
Tare: 37[illegible] lb Out Scale 2
Net: 8800 lb

Comments: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
[illegible]/PORTLAND	100% of B2W/WOOD	4.40 ton	$0.00/ton	$0.00
			Total Amount:	$0.00

Driver: Ben Albarran
Ben Albarran

Deputy Weighmaster: ____________
JOANNE

Job# 8018

[illegible] Recycling
[illegible]
[illegible]

[illegible]
Customer: [illegible] DEMOLITION

Ticket: [illegible]
Date: [illegible]
Time: [illegible]
Scale
Gross: [illegible] lb
Tare: [illegible] lb
Net: [illegible] lb

Comment: [illegible]

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
[illegible]	[illegible]	[illegible] ton	[illegible]/Ton	[illegible]

Total Amount: [illegible]

Driver: Ben Albarran
Ben Albarran

Deputy Weighmaster: ____________
[illegible]

Job# 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503)253 [illegible]

Truck: 0263-10
Customer: 0763/ELDER DEMOLITION

Ticket: 134362
Date: 3/[illegible]/2000
Time: [illegible] - 10:4[illegible]
Scale
Gross: 48180 lb In Scale 1
Tare: 37360 lb Out Scale 2
Net: 10820 lb

Comment: [illegible]

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of [illegible]/WOOD	5.41 ton	$0.00/Ton	$[illegible]
			Total Amount:	$0.00

Driver: Ben Albaran
Ben Albaran

Deputy Weighmaster: ____________
JOANNE

Job# 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503)[illegible]

Truck: [illegible]
Customer: [illegible] DEMOLITION

Ticket: [illegible]
Date: [illegible]/2008
Time: 11:33:07 - 11:45:18
Scale
Gross: 46040 lb In Scale 1
Tare: 37400 lb Out Scale 2
Net: 8640 lb

Comments: WOOD LOGS

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
[illegible]	100% of GRN/WOOD	4.32 ton	$0.00/Ton	$0.00

Total Amount: $0.00

Ben Albarron

Driver: Ben Albarron   Deputy Weighmaster: ____________
JOANNE

Job# 8018

Environmentally Conscious Recycling
Thank You for Recycling
(503) 253-0567

Truck: [illegible]
Customer: [illegible] DEMOLITION

Ticket: [illegible]
Date: [illegible]
Time: [illegible]

			Scale	
Gross:	46240	lb	In	Scale 1
Tare:	36600	lb	Out	Scale 2
Net:	9640	lb		

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of 02W/WOOD	4.82 ton	$0.00/Ton	$0.00
			Total Amount:	$0.00

Driver: Ben Albarran
Ben Albarran

Deputy Weighmaster: ______________
[illegible]

Job# 8018

Environmental & Dangerous Recycling
[illegible]
(563) [illegible]

[illegible]: 0763-10
Customer: [illegible] DEMOLITION

Ticket: [illegible]
Date: [illegible]
Time: 11:34:57 [illegible]
Scale
Gross: 47790 lb In Scale [illegible]
Tare: 37440 lb [illegible] Scale [illegible]
Net: 10350 lb

Comments
WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/POST AND	100% of PPW/WOOD	5.[illegible] ton	[illegible]/ton	[illegible]

Total Amount [illegible]

[illegible]: Ben Albarran
Ben Albarran

Deputy Weighmaster: ______________
[illegible]

Job# 8018

Job# 8018

Job# 8018

Environmental [illegible] Recycling
[illegible]
(503) 257 0067

Truck: 9766 10
Customer: 9763/E[illegible]R DEMOLITION

Ticket: [illegible]
Date: 3/25/2008
Time: 12:51:18 - 13:07:05

				Scale
Gross:	44660	lb	In	Scale 1
Tare:	37000	lb	Out	Scale 2
Net:	7660	lb		

Comment:
WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of C&D/WOOD	3.83 ton	$0.00/Ton	$0.00
			Total Amount:	$0.00

Driver: Ben Albarran
Ben Albarran

Deputy Weighmaster: ____________
JOANNE

Job 8018

[illegible]

Truck: [illegible]
Customer: [illegible] DEMOLITION

Date: [illegible]
Time: [illegible] - [illegible]

		Scale
Gross: 43680 lb	In	Scale 1
Tare: [illegible] lb	Out	Scale 2
Net: [illegible] lb		

[illegible]

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
[illegible]	100% of C&D/WOOD	[illegible] ton	$[illegible]/ton	$[illegible]
			Total Amount:	$[illegible]

Driver: [illegible] Deputy Weighmaster: ______________
[illegible] JOANNE

Job# 8018

Environmental [illegible] Recycling
[illegible]
[illegible]

Truck: [illegible]
Customer: [illegible] DEMOLITION

Ticket: [illegible]
Date: [illegible]
Time: [illegible] - [illegible]
Scale
Gross: 44548 lb In Scale [illegible]
Tare: 37348 lb Out Scale [illegible]
Net: 7200 lb

Comments: [illegible]

Origin	Materials & Services	Quantity Unit	Rate Unit	Amount
[illegible]	100% of [illegible]	[illegible] ton	$6.00/ton	[illegible]
			Total Amount:	[illegible]

Driver: Ben Albarran
Ben Albarran

Deputy Weighmaster: ______________
[illegible]

Job# 8018
"

Job #

8018

Evergreen
8018

Environmentally Conscious Recycling
Thank You for Recycling
[illegible]

[illegible]

Comments: [illegible] LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Extension
[illegible]	100% of [illegible]/WOOD	5.12 ton	[illegible]	

Total [illegible]

Deputy Weighmaster: [illegible]

Evergreen
8018

Environmentally Conscious Recycling
Thank You for Recycling
([illegible]) [illegible]

Truck: [illegible]
Customer: [illegible]/ELDER DEMOLITION

Ticket: [illegible]
Date: [illegible]
Time: [illegible] - [illegible]
Scale
Gross: [illegible] lb In Scale [illegible]
Tare: [illegible] lb Out Scale [illegible]
Net: [illegible] lb

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate Unit	Amount
1/[illegible]	100% of [illegible]/WOOD	[illegible].04 ton	$[illegible]/ton	$[illegible]

Total Amount: $[illegible]

Driver:

Deputy Weighmaster: ______________________
JOANNE

Environmentally Conscious Recycling
Thank You for Recycling
(503) 253-0867

Ticket: 136469
Date: 4/2/2008
Time: 10:46:58 - 10:59:13

			Scale
Gross:	45100 lb	In	Scale 1
Tare:	36580 lb	Out	Scale 2
Net:	8520 lb		

Truck: 0783-1
Customer: 0783/ELDER DEMOLITION   License: ELDER DEMO

Comment:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
1/PORTLAND	100% of 02W/WOOD	4.26	ton	$0.00/Ton	$0.00
				Total Amount:	$0.00

Driver: ______________   Deputy Weighmaster: ______________
JOANNE

Environmentally Conscious Recycling
Thank You for Recycling
(503)253-6867

Truck: 8703-09
Customer: [illegible]

Ticket: 136452
Date: 4/2/2008
Time: 09:37:03 - 09:52:50

			Scale
Gross:	46700 lb	In	Scale 1
Tare:	37020 lb	Out	Scale 2
Net:	9680 lb		

Comment: WOOD LOAD

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
1/PORTLAND	100% of [illegible]/WOOD	4.84 ton	$0.00/Ton	$0.00
			Total Amount:	$0.00

Driver:

Deputy Weighmaster:
JOANNE

Environmentally Conscious Recycling
Thank You for Recycling
(503)253-8867

Truck: 0783-06
Customer: 0783/ELDER DEMOLITION

Ticket: 136610
Date: 4/3/2008
Time: 07:54:56 - 08:07:30

			Scale
Gross:	45600 lb	In	Scale 1
Tare:	37380 lb	Out	Scale 2
Net:	8220 lb		

Comment: WOOD LOAD

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
1/PORTLAND	100% of SEL/WOOD	4.11	ton	$0.00/Ton	$0.00

Total Amount: $0.00

Driver: [signature]

Deputy Weighmaster: ______________________
JOANNE

Job# 8018

Job# 8018

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

517584
Ticket number

3/18/08
Date

Address where waste load originated (print legibly)

19018 SE
Address number

Mill Plain Blvd.
Street name

Vancouver
City

WA
State

Ben Alb...
Driver's signature

Ben Albarran
Print driver's name

503 760 6330
Company name & phone number

YAKD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_RBM.mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

S/7582
Ticket number

3/18/08
Date

Address where waste load originated (print legibly)

19018 SE
Address number

Mill Plain Blvd
Street name

Vancouver
City

WA
State

Ben Alborron
Driver's signature

Ben Alborron
Print driver's name

503 760 6330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_REM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES · OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518438	7-3-08
Ticket number	Date

Address where waste load originated (print legibly)

14018	Mill Plain BLV
Address number	Street name
Vancouver	Wa
City	State
William Thornton	William Thornton
Driver's signature	Print driver's name
Elder Dean 503 760 6330	YAPZ 311
Company name & phone number	Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_RDM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

618710
Ticket number

4-3-08
Date

Address where waste load originated (print legibly)

14018
Address number

Mill Plain [illegible]
Street name

Vancouver
City

Washington
State

[illegible]
Driver's signature

William Thornton
Print driver's name

Elder Demo
Company name & phone number

[illegible]
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678.
To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518675
Ticket number

4-3-08
Date

Address where waste load originated (print legibly)

14018 SE McMillan Rd
Address number

Street name

Vancouver
City

Wash
State

William Thornton
Driver's signature

William Thornton
Print driver's name

Elder Demo 503-7606330
Company name & phone number

YAPZ 311
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_REM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES · OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

[illegible]	4-4-08
Ticket number	Date

Address where waste load originated (print legibly)

14018	Mill Plain Blv
Address number	Street name
Vancouver	Wash
City	State
William Thornton	William Thornton
Driver's signature	Print driver's name
[illegible] 503 760 6330	YAPZ 311
Company name & phone number	Vehicle License number

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03526_REM.mdw

Yellow Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518845
Ticket number

4-11-08
Date

Address where waste load originated (print legibly)

14218
Address number

Mill Plain Blv
Street name

Vancouver
City

Wash
State

[signature]
Driver's signature

William Thornton
Print driver's name

Elder Demo 503 760 6330
Company name & phone number

YAPZ 311
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES · OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

Ticket number: 815791 Date: 4-11-08

Address where waste load originated (print legibly)

Address number: 14618 Street name: Mill Plain Blvd

City: Vancouver State: Wash

Driver's signature: William Thornton Print driver's name: William Thornton

Company name & phone number: Elder Demo 5031606330 Vehicle License number: YAPZ 311

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_KEM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES · OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518802
Ticket number

4-4-08
Date

Address where waste load originated (print legibly)

14018
Address number

Mill Plain Blv
Street name

Vancouver
City

Washington
State

William Thornton
Driver's signature

William Thornton
Print driver's name

Elder Demo 5037601330
Company name & phone number

YAPZ 311
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_REM mdw

Yellow Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

516981	4/8/08
Ticket number	Date

Address where waste load originated (print legibly)

14018 SE	Mill Plain Blvd
Address number	Street name
Vancouver	WA
City	State
Ben Albarran	Ben Albarran
Driver's signature	Print driver's name
Elder Demolition 360 [illegible] 1330	YAD661
Company name & phone number	Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM mdw

yellow copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518983
Ticket number

4/18/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill Plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarrou
Print driver's name

City Demolition
Company name & phone number

[illegible]
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM.mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

519030
Ticket number

4/8/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 [illegible] 6556
Company name & phone number

YARD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_RBM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518741	4/1/08
Ticket number	Date

Address where waste load originated (print legibly)

14018 SE	Mill plain Blvd
Address number	Street name
Vancouver	WA
City	State
Ben Albarran	Ben Albarran
Driver's signature	Print driver's name
[illegible]	YAR9641
Company name & phone number	Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM mdw

Certification Form for Out-of-Metro Load

METRO
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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

519035	4/3/08
Ticket number	Date

Address where waste load originated (print legibly)

14018 SE	Mill plain Blvd
Address number	Street name
Vancouver	WA
City	State
[illegible]	Ben Albarran
Driver's signature	Print driver's name
Elder Demolition 503 [illegible] 6350	YARD661
Company name & phone number	Vehicle License number

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03526_REM mdw

Driver Copy

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METRO
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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

S18939
Ticket number

4/7/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Millplain Blvd.
Street name

Vancouver
City

WA
State

Ben Albarian
Driver's signature

Ben Albarian
Print driver's name

[illegible] Demolition
503 760 6820
Company name & phone number

YARD661
Vehicle License number

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

618962
Ticket number

4-7-08
Date

Address where waste load originated (print legibly)

11018 SE
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albr
Driver's signature

Ben Albarran
Print driver's name

[illegible]
Company name & phone number

[illegible]
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM.mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES · OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

#18908
Ticket number

1/7/08
Date

Address where waste load originated (print legibly)

19018 SE
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Alt[illegible]
Driver's signature

Ben Altarras
Print driver's name

[illegible] Demolition
503 [illegible]
Company name & phone number

YARD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM.mdw

Driver Copy

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METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

Ticket number

Date

Address where waste load originated (print legibly)

Address number

Street name

City

WA

State

Driver's signature

Jason J. Hall

Print driver's name

Company name & phone number

Vehicle License number

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03526_REM.mdw

Driver Copy

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METRO
PEOPLE PLACES · OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

Ticket number: 518734
Date: 9/3/08

Address where waste load originated (print legibly)

Address number: 12108 SE
Street name: Millplain Blvd

City: Vancouver
State: WA

Driver's signature: Ben Albarran
Print driver's name: Ben Albarran

Company name & phone number: Elde Demolition 503 710 6330
Vehicle License number: YARD661

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

S18646
Ticket number

4/3/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Alberran
Print driver's name

Elder Demolition
503 760 6336
Company name & phone number

XARD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_RIM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518645
Ticket number

4/3/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill Plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 780-6330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518695
Ticket number

7/3/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill plain Blvd
Street name

Vancouver
City

State

Ben Albee
Driver's signature

Ben Atherton
Print driver's name

Elder Demolition
503 760 6330
Company name & phone number

Vehicle License number

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518694
Ticket number

4/3/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill plain Blvd.
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarron
Print driver's name

Elder Demolition
503 760 6350
Company name & phone number

YARD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_REM.mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

81953
Ticket number

4/4/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 760 6330
Company name & phone number

YARD60/
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

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Lakeside Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

519759
Ticket number

4/7/08
Date

Address where waste load originated (print legibly)

14018 SE
Address number

Millplain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 760 6330
Company name & phone number

YAE DEGI
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518289
Ticket number

3/28/08
Date

Address where waste load originated (print legibly)

14018
Address number

Millplain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503-760-6220
Company name & phone number

YARD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518291
Ticket number

3/28/08
Date

Address where waste load originated (print legibly)

14018
Address number

Millplain Blvd
Street name

Vancouver
City

WA
State

Ben Alb[illegible]
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 760 6330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518224
Ticket number

3/27/08
Date

Address where waste load originated (print legibly)

14018
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albaran Pgr
Driver's signature

Ben Albarran
Print driver's name

503 760 0330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

S18232
Ticket number

3/27/08
Date

Address where waste load originated (print legibly)

14018
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

503 760 6330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

03526_REM.mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

518263
Ticket number

3/27/08
Date

Address where waste load originated (print legibly)

14018
Address number

N.E. Highland Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

503 760 0330
Company name & phone number

YARD 1061
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518260
Ticket number

3/27/08
Date

Address where waste load originated (print legibly)

14018
Address number

Millplain Blvd
Street name

Vancouver
City

WA
State

Ben Albor
Driver's signature

Ben Alborran
Print driver's name

503-760 6330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

51815?	5/26/08
Ticket number	Date

Address where waste load originated (print legibly)

14018	Mill Plain Blvd
Address number	Street name
Vancouver	WA
City	State
Ben Albin	Ben Alborron
Driver's signature	Print driver's name
503 760 6330	YARD 661
Company name & phone number	Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

518159	3/26/08
Ticket number	Date

Address where waste load originated (print legibly)

14018	Mill Plain Blvd
Address number	Street name
Vancouver	WA
City	State
Ben Albarian	Ben Albarian
Driver's signature	Print driver's name
503.760.6330	7ARD 661
Company name & phone number	Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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White Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

Ticket number: 518198

Date: 5/26/08

Address where waste load originated (print legibly)

Address number: 14018

Street name: Mill Plain Blvd

City: Vancouver

State: WA

Driver's signature: Ben Albarran

Print driver's name: Ben Albarran

Company name & phone number: 503 700 6330

Vehicle License number: [illegible]

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM.mdw

Silver Corp

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES · OPEN SPACES

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I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY

518197	3/26/08
Ticket number	Date

Address where waste load originated (print legibly)

14018	Mill plain Blvd
Address number	Street name
Vancouver	WA
City	State
Ben Albarran	Ben Albarran
Driver's signature	Print driver's name
503 760 6330	YARD Cal
Company name & phone number	Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

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03526_REM mdw

Driver Copy

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

58322
Ticket number

3/28/08
Date

Address where waste load originated (print legibly)

14018
Address number

Millplain Blvd
Street name

Vancouver
City

WA
State

Ben Alberson
Driver's signature

Ben Alberson
Print driver's name

Elder Demolition
503 770 2530
Company name & phone number

YAR D661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518327
Ticket number

3/28/08
Date

Address where waste load originated (print legibly)

14018
Address number

Millplace Blvd
Street name

Vancouver
City

WA
State

Ben Albanin
Driver's signature

Ben Albanin
Print driver's name

Elder Demolition
503 760 6370
Company name & phone number

YARD661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518547
Ticket number

7/2/08
Date

Address where waste load originated (print legibly)

1408
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 760 6330
Company name & phone number

MRD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518546
Ticket number

4/2/08
Date

Address where waste load originated (print legibly)

1408
Address number

Mill plain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran [illegible]
Driver's signature

Ben Albarran
Print driver's name

Ekler Demolition
503 760 6330
Company name & phone number

YARD 661
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

Certification Form for Out-of-Metro Load

METRO
PEOPLE PLACES • OPEN SPACES

If your load of solid waste originated, in whole or in part, from *inside* the Metro boundary, you must pay, in addition to the facility tip fee, a Metro Regional System Fee and Excise Tax. If your load originated from *outside* the Metro boundary, these charges do not apply. The origin of the load corresponds to where the waste was originally generated and *not* to a drop box staging area at another location. For a map of the Metro boundary, call Metro. Note that the Metro regional boundary is *not* the same as the urban growth boundary.

Any company or driver falsely claiming loads as having originated from outside the Metro boundary may be liable for Regional System Fees and Taxes plus fines of up to $500 per violation.

An original form must be completed for each out-of-Metro load delivered to Lakeside Reclamation ("Grabhorn") Landfill. By completing this form you are certifying that your load originated from *outside* the Metro regional boundary.

I HAVE READ THE INFORMATION ABOVE AND CERTIFY THAT THIS LOAD ORIGINATED FROM **OUTSIDE** THE METRO BOUNDARY.

518610
Ticket number

4/2/08
Date

Address where waste load originated (print legibly)

1108
Address number

Millplain Blvd
Street name

Vancouver
City

WA
State

Ben Albarran
Driver's signature

Ben Albarran
Print driver's name

Elder Demolition
503 [illegible] 6330
Company name & phone number

3 YARD G61
Vehicle License number

This three-part form must be completed by the driver for each load delivered to the landfill from outside the Metro boundary (photocopies are not acceptable). If the origin of the load cannot be determined because the form is inaccurate, incomplete or illegible, the Metro Regional System Fee and Excise Tax will be applied.

For questions concerning this form, call the Metro Solid Waste and Recycling Department at (503) 797-1678. To order a detailed map of the Metro boundary, call the Metro Data Resource Center at (503) 797-1742.

APPENDIX D

Hillsboro Landfill, Inc & Tualatin Valley Waste Recovery
3205 SE Minter Bridge Road
Hillsboro, OR 97123
PHONE: 503-640-9427 FAX: 503-648-3942
wmnorthwest.com/landfill

To: Brad Murray	From: Jeff O'Leary
Company: Bones Construction	Date: 3/31/2008
Phone Number:	Pages: 3
Fax Number: 503-649-1717	
Re:	CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments:
Letter from HL confirming tank destruction.

WM
WASTE MANAGEMENT

WM
WASTE MANAGEMENT

HILLSBORO LANDFILL
3205 SE Minter Bridge Rd.
Hillsboro, OR 97123
(503) 640-9427
(503) 648-3942 Fax

March 31, 2008

To whom it may concern:

On Friday March 28th, 2008 Bones Construction delivered an 8,000 gallon fiberglass tank to Hillsboro Landfill. The tank was crushed at Hillsboro Landfill and disposed of in accordance with the requirements in Hillsboro Landfill's solid waste permit #112. If you have any questions regarding this issue please feel free to contact me at 503-640-9427 ext. 226.

Sincerely,
Hillsboro Landfill

Jeffrey L. O'Leary

Jeffrey O'Leary
Environmental Specialist

Enclosure: Scale Ticket Receipt

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

#323

Original
Ticket# 1133700

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 03/28/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier BELFHLD SELF HAULED
Vehicle# 57
Container
Driver RON STARK
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

	Time	Inbound		
In	03/28/2008 15:30:19		Gross	29400 lb
Out	03/28/2008 15:59:53		Tare	24200 lb
			Net	5200 lb
			Tons	2.60

Comments

WASTE MANAGEMENT
Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC	100	2.60	Tons	25.96	5.31	$67.50	CLARK
2	EVL-Env Fee Lg.	100	1	Load	4.00		$4.00	CLARK

UST

Total Tax $5.31
Total Ticket $76.81

Driver's Signature

403WM

Matt Ekerson

From: Metro Recycling Information [MRI@metro.dst.or.us]
Sent: Thursday, March 27, 2008 3:47 PM
To: matt@bonesco.com
Subject: Fiberglass

Dear Mr. Ekerson:

Thank you for contacting Metro regarding possibilities to recycle fiberglass.

Metro's recycling information center keeps listings for over 400 different businesses and organizations that recycle various materials, but are not currently aware of any businesses in region that are able to accept fiberglass to be recycled.

Fiberglass is a composite of glass fibers and one of a number of polymer products that cannot be combined together or melted down to be reformed into another product.

If you have further questions, please contact us again by e-mail or by calling 503-234-3000.

Patrick Morgan
Recycling Information Specialist

Job #:	323
Job Name:	Evergreen
File To:	Corresp.
Description:	No Place to Recycle Fiberglass per METRO
Copies To:	

Underground Tank Decommissioning Certification

City of Vancouver Fire Marshal's Office
www.vanfire.org

Vancouver Development Review Services
www.cityofvancouver.us

Separate form required to be filled out for each tank

Permit #:DMO 2008-00037 Decommission date: March 27 Fire inspector initials [illegible]

Tank located at: 13910 SE Mill Plain Rd.
Address

Describe location on the property (Example: 6 feet west of SW corner of house):
34 FT East of the NE Corner of the Insurance Hangar Building

This is a Aviation Fuel tank with a capacity of 8,000 gallons
Type of combustible liquid

Check each section below

Report:	YES	NO	N/A
There is more than one underground tank being decommissioned on this site. (If yes, how many?		X	
Tank was emptied and removed from the ground for disposal off site.	X		
Tank was emptied and then filled with an inert material		X	
The fill port and piping have been disconnected or removed	X		
There were indications of potential soil contamination	X		
The applicant/contractor will provide a soils analysis report to the County Health Department and to the property owner.*	X		
The homeowner has been advised to contact the County Health Department regarding a potential soil contamination.*	X		

* Current Clark County Health Department contact for soil contamination is Environmental Health Specialist Bryan Dedoncker - PHONE (360) 397-8153; FAX: (360) 759-7336; or email bryan.dedoncker@clark.wa.gov

If the work was completed by someone other than an experienced contractor, the responsible person shall fill out the report

I, MATT EKERSON, hereby affirm that the information contained in this report is
Print name

true and accurate [signature] 3-27-08
Signature date

Contractor's company name: Bones Construction

Company's mailing address: 3508 SW 209th Aloha, OR 97007

Phone (503) 649-5682 Fax (503) 649-1717 Email matt@bonesco.com

A copy of this report shall be provided to the City inspector.
A copy of this report shall be provided to the property owner.

Note to property owner: Insurance companies and/or mortgage companies usually require inspection and/or testing documentation where a site has had an underground storage tank. You should permanently retain this document and any soils analysis reports with the property.

CERTIFICATE OF DESTRUCTION

Company Name: BONES CONSTRUCTION

Address: 14515 SW BARROWS RD.

BEAVERTON, OR.

Date of Pick up: 3/28/2008

Shipping Memo # (or Dispatch #): 1305041

Description of Items:

MISC. SCRAP FUEL PUMPS + EQUIPMENT,
From Evergreen Airport.
13910 SE Mill Plain Rd

Metro Metals NW, Inc. certifies that the described items above were (or will be) destroyed, rendering them useless for any other purpose than to recover scrap metal.

Method of Destruction: SHRED/RECYCLE

Signature:

Date: 3/28/2008

Title: BUYER

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
30 DAY NOTICE

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #:
FS ID #:
30 day notice requirement waived - Brett Manning Dept. of Ecology 360 407-6268 3/28/08

Please ✓ the appropriate box: ☐ Intent to Install ☒ Intent to Close ☐ Both

Site Information

UBI Number

Site/Business Name

Site Address (Street) 13910 SE Mill Plain Blvd

City/State Vancouver, WA

Zip Code 98660 Telephone ( )

Owner Information

(This form will be returned to this address)

UST Owner/Operator ROF Evergreen JV, LLC

Mailing Address (Street) 1230 SW 1st Ave, Penthouse

P.O. Box

City/State Portland, OR

Zip Code 97204 Telephone 503 546-2788

Tank Installation Company (If known). Fill out this section ONLY if tanks are being installed.

Service Company

Contact Name

Address (Street) P.O. Box

City State Zip Code Telephone ( )

Tank Permanent Closure Company (If known). Fill out this section ONLY if tanks are being closed.

Service Company BELFOR Environmental Contact Name Pam Brown

Address (Street) 12821 NE Airport Way P.O. Box

City Portland State OR Zip Code 97230 Telephone 503 408-7404

Tank Closure Information

Fill out this section ONLY if tanks are being closed.

Tank ID	Projected Closure Date	Tank Capacity	Substance Stored	Date Tank Last Used	Is There Product In the Tank (Yes/No)	If No, Date Tank Was Pumped
1	3/29/08	8000	Aviation fuel	unknown	less than 10 gal.	

Tank Installation Information

Fill out this section ONLY if tanks are being installed.

Tank ID	Approx. Install Date

To receive this document in an alternate format, contact the TOXICS CLEANUP PROGRAM at 360-407-7170 (VOICE) or 1-800-833-6388 or 711 (TTY).

ECY 020-95 (Rev. 01-06)

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK

30 DAY NOTICE

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #:
FS ID #:

Please ✓ the appropriate box: ☐ Intent to Install ☒ Intent to Close ☐ Both

Site Information

UBI Number ____

Site/Business Name Evergreen Airport

Site Address (Street) 13910 SE Mill Plain Blvd

City/State Vancover, WA

Zip Code 98660 Telephone (___) ____

Owner Information

(This form will be returned to this address)

UST Owner/Operator ROF Evergreen JV, LLC

Mailing Address (Street) 1230 SW 1st Ave, Penthouse

P.O. Box ____

City/State Portland, OR

Zip Code 97204 Telephone (503) 546-2788

Tank Installation Company (if known). Fill out this section ONLY if tanks are being installed.

Service Company ____ Contact Name ____

Address ____ Street ____ P.O. Box

____ City ____ State ____ Zip Code Telephone (___) ____

Tank Permanent Closure Company (if known). Fill out this section ONLY if tanks are being closed.

Service Company BELFOR Environmental Contact Name Pam Brown

Address (Street) 12821 NE Airport Way P.O. Box

Portland (City) OR (State) 97230 (Zip Code) Telephone (503) 408-7404

Tank Closure Information

Fill out this section ONLY if tanks are being closed.

Tank ID	Projected Closure Date	Tank Capacity	Substance Stored	Date Tank Last Used	Is There Product In the Tank (Yes/No)	If No, Date Tank Was Pumped
1	3/27/08	8000	Aviation fuel	unknown	less than 10 gal.	

Tank Installation Information

Fill out this section ONLY if tanks are being installed.

Tank ID	Approx. Install Date

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

WASHINGTON STATE DEPARTMENT OF ECOLOGY

FOR OFFICE USE ONLY
Site #: ____________
Facility Site ID #: ____________

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): ____________

Site/Business Name: Evergreen Airport

Site Address: 13910 SE Mill Plain Blvd (Street) Telephone: ( ) ____________

Vancouver (City) WA (State) 98660 (Zip Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
1	8,000 gal	Aviation fuel

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- ____ Investigate suspected release due to on-site environmental contamination.
- ____ Investigate suspected release due to off-site environmental contamination.
- ____ Extend temporary closure of UST system for more than 12 months.
- ____ UST system undergoing change-in-service.
- X UST system permanently closed with tank removed.
- ____ Abandoned tank containing product.
- ____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ____ Other (describe): ____________

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.	YES	NO
1. The location of the UST site is shown on a vicinity map.	PDB	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	PDB	
3. A summary of UST system data is provided. (see Section 3.1.)	PDB	
4. The soils characteristics at the UST site are described. (see Section 5.2)	PDB	
5. Is there any apparent groundwater in the tank excavation?		PDB
6. A brief description of the surrounding land use is provided. (see Section 3.1)	PDB	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	PDB	
8. A sketch or sketches showing the following items is provided:	PDB	
- location and ID number for all field samples collected	✓	
- groundwater samples distinguished from soil samples (if applicable)		✓
- samples collected from stockpiled excavated soil		✓
- tank and piping locations and limits of excavation pit	✓	
- adjacent structures and streets	✓	
- approximate locations of any on-site and nearby utilities	✓	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	NA	
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	✓	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	NA	
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.		✓

SITE ASSESSOR INFORMATION

Pamela Brown — Person registered with Ecology

Belfor Environmental — Firm Affiliated with

Business Address: 12821 NE Airport Way (Street) Telephone: (503) 408-7404

Portland (City) OR (State) 97230 (Zip Code)

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

5/27/08 — Date

[signature] — Signature of Person Registered with Ecology

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.

UNDERGROUND STORAGE TANK

Closure and Site Assessment Notice

WASHINGTON STATE DEPARTMENT OF ECOLOGY

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #:
Facility Site ID #:

Please ✓ the appropriate box(es)
☐ Temporary Tank Closure ☐ Change-In-Service ☒ Permanent Tank Closure ☐ Site Check/Site Assessment

Site Information

Site ID Number ______
(Available from Ecology if the tanks are registered)
Site/Business Name ______
Site Address (Street) 13910 SE Mill Plain Blvd.
City/State Vancover, WA
Zip Code 98660 Telephone (503) ______

Owner Information

UST Owner/Operator ROF Evergreen JV, LLC
Mailing Address (Street) 1230 SW 1st. Ave.
P.O. Box ______
City/State Portland, OR
Zip Code 97204 Telephone (503) ~~408~~- 546-2780

Owners Signature ______

Tank Closure/Change-In-Service Company

Service Company Belfor Environmental
Certified Supervisor Pamela Brown Decommissioning Certification No. ______
Supervisor's Signature PC Date 5/07/08
Address (Street) 12821 NE Airport Way P.O. Box
City Portland State OR Zip Code 97230 Telephone (503) 408-7404

Site Check/Site Assessor

Certified Site Assessor Pamela Brown
Address (Street) 12821 NE Airport Way P.O. Box
City Portland State OR Zip Code 97230 Telephone (503) 408-7404

Tank Information

Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored
1	3/27/08	removal	8,000	Aviation fuel

Contamination Present at the Time of Closure

☐ Yes ☒ No ☐ Unknown
Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.

☐ Yes ☐ No
If contamination is present, has the release been reported to the appropriate regional office?

APPENDIX E

No 012104

TED-DEE BEAR SEPTIC

TED-DEE BEAR SEPTIC
8905 NE 115th ST.
VANCOUVER, WA 98662
(360) 896-5143

1-160

CUSTOMER'S ORDER NO. Attn: Dave
DATE 3-17-2008

NAME Bones Construction
PHONE NUMBER 503 380-0561

ADDRESS 3508 SW 209th
Aloha, Oregon 97007

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Pump Blurock Septic Tank at:		
	13910 SE Mill Plain Blvd		
	ID# ~~[illegible]~~ - 96011897		
	Approx gals 750		255 00
	Truck & Operator		20 00
	Clark County Filing		10 00
	Evergreen Airport		
	Tank to be Abandoned By		
	Contractor		
	Thank you Ted		
		TAX	23 37
SIGNATURE		TOTAL	308 37

Inspection findings are only good at time of service. TED-DEE BEAR SEPTIC is in no way responsible for future performance of system.

$30.00 LATE FEE APPLIED AFTER 30 DAYS. NSF checks subject to $25.00 fee.

THANK YOU

Nº 012100

TED-DEE BEAR SEPTIC
8905 NE 115th ST.
VANCOUVER, WA 98662
(360) 896-5143

1-160

CUSTOMER'S ORDER NO. | DATE 3-17-2008

NAME BONES CONSTRUCTION | PHONE NUMBER ( )

ADDRESS

Aloha, Oregon 97007

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	PUMPED SMALL SEPTIC AT:		
	3RD BLDG EAST OF HANGER		
	NO SEPTIC ID #		
	MIN CHG		200.00
	TRUCK & OPERATOR		20.00
	CLARK COUNTY FILING FEE		10.00
	@ EVERGREEN AIRPORT		
	TANK TO BE ABANDONED		
	BY CONTRACTOR		
	Thank you		
	Ted		
		TAX	18.86
SIGNATURE		TOTAL	248.86

Inspection findings are only good at time of service. TED-DEE BEAR SEPTIC is in no way responsible for future performance of system.

$30.00 LATE FEE APPLIED AFTER 30 DAYS. NSF checks subject to $25.00 fee.

THANK YOU

№ 012785

TED-DEE BEAR SEPTIC

TED-DEE BEAR SEPTIC
8905 NE 115th ST.
VANCOUVER, WA 98662
(360) 896-5143

1-160

CUSTOMER'S ORDER NO.

DATE 3-17-2008

NAME Bones Construction

PHONE NUMBER ( )

ADDRESS

Aloha Oregon 97007

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Pump Septic at 2nd Bldg-		
	From Hanger		
	500 gal capacity		255 00
	Truck & operator		20 00
	Clark County Filing Fee		10 00
NO	Septic ID #		
	Tank to be abandoned		
	By Contractor		
	Evergreen Airport		
	Thankyou		
	Ted		
		TAX	23 37
SIGNATURE		TOTAL	308 37

Inspection findings are only good at time of service. TED-DEE BEAR SEPTIC is in no way responsible for future performance of system.

$30.00 LATE FEE APPLIED AFTER 30 DAYS. NSF checks subject to $25.00 fee.

THANK YOU

No 012100

TED-DEE BEAR SEPTIC

TED-DEE BEAR SEPTIC

8905 NE 115th ST.
VANCOUVER, WA 98662
(360) 896-5143

1-160

CUSTOMER'S ORDER NO.

DATE 3-17-2008

NAME Bones Construction

PHONE NUMBER ( )

ADDRESS

Aloha, Oregon 97007

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Pump Small Septic At		
	4th Bldg East of Hanger		
	Septic ID# 95121996		
	Min Chg		200 00
	Truck & Operator		20 00
	Clark County Filing		10 00
	Evergreen Airport		
	Tank to Be Abandoned		
	By Contractor		
	Thank you		
	Ted		
		TAX	18 86
		TOTAL	248 86

SIGNATURE

Inspection findings are only good at time of service. TED-DEE BEAR SEPTIC is in no way responsible for future performance of system.

$30.00 LATE FEE APPLIED AFTER 30 DAYS. NSF checks subject to $25.00 fee.

THANK YOU

Nº 012101

TED-DEE BEAR SEPTIC

8905 NE 115th ST.
VANCOUVER, WA 98662
(360) 896-5143

1-160

CUSTOMER'S ORDER NO.

DATE 3-17-2008

NAME Bones Construction

PHONE NUMBER ( )

ADDRESS

Aloha, Oregon 97007

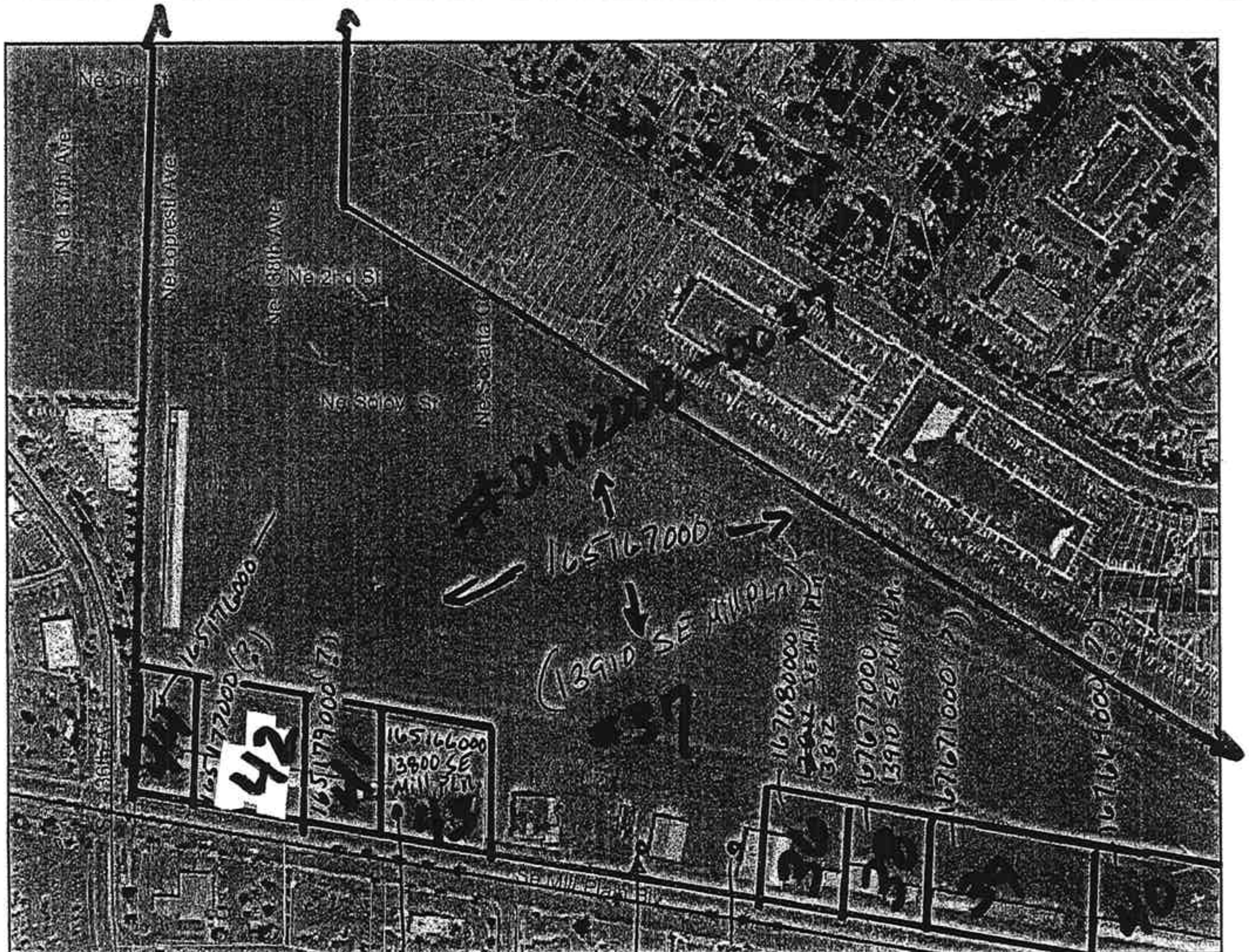
QUANTITY	DESCRIPTION	PRICE	AMOUNT
Pumped Septic 6" Swoge			
Only - Tank Empty Min Chg			200 00
	Truck & Operator		20 00
	Clark County Filing Fee		10 00
Septic ID# 96011898			
	Evergreen Airport		
	Tank to be Abandoned		
	By Contractor		
	Thankyou		
	Ted		
		TAX	18 86
SIGNATURE		TOTAL	248 86

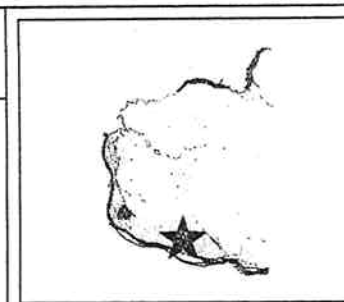
Inspection findings are only good at time of service. TED-DEE BEAR SEPTIC is in no way responsible for future performance of system.

$30.00 LATE FEE APPLIED AFTER 30 DAYS. NSF checks subject to $25.00 fee.

THANK YOU

Old Evergreen Airport





Septic #96011897

Septic #96011898

Septic #95121996

0 375 750 1125 ft.

Map center: 45° 37' 13.6" N, 122° 31' 43.7" W

Information shown on this map was collected from several sources. Neither Clark County, Washington, nor the producer of this document accept responsibility for any inaccuracies that may be present.

Legend

- Parcels
- Roads
- Alley
- Arterial
- DNR
- DNR (Private Land)
- Driveway
- Interstate
- Interstate Ramp
- Primary Arterial
- Private Roads
- Private Roads w/o Names
- Public Roads
- SR Ramp
- State Route
- Aerial Photography
- Waterbodies
- City Boundaries
- Urban Growth Boundaries
- County Boundary
- County Boundary

Scale: 1:3,986

APPENDIX F

WM
WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

COPY

Original
Ticket# [illegible]

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	CUTTER TRUCKNG
Ticket Date	04/03/2008	Vehicle#	8
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BOB
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	NA		
Destination		Grid	
PO	100901WA		
Profile	100901WA (PCS)		
Generator	168-ROFEVER ROF Evergreen JV, LLC		

RECEIVED
APR 15 2008
BONES CONSTRUCTION INC.

From Roth

	Time	Scale	Operator	Inbound		
In	04/03/2008 13:03:14	Inbound 1	RLS		Gross	116740 lb*
Out	04/03/2008 13:03:14		RLS		Tare	39780 lb*
					Net	76960 lb
			* Manual Weight		Tons	38.48

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	38.48	Tons	25.96	78.59	$99[illegible]	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$78.59
Total Ticket	[illegible]

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) [illegible]

Original
Ticket# 1135009

COPY

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRKING
Ticket Date	04/03/2000	Vehicle#	7
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	Kerry
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	na		
Destination		Grid	
PO	100901WA		
Profile	100901WA (PCS)		
Generator	168-ROFEVER ROF Evergreen JV, LLC		

BM
#323
1-320

	Time	Scale	Operator	Inbound		
In	04/03/2000 13:30:30	Outbound	rls		Gross	120200 lb*
Out	04/03/2000 13:30:30		rls		Tare	39600 lb*
			* Manual Weight		Net	80600 lb
					Tons	40.30

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-ROC	100	40.30	Tons	25.96	82.50	$1046.19	CLARK
2	EVL Env Fee Lg.	100	1	Load	6.00		$6.00	CLARK

These need to go to Matt

Total Tax [illegible]
Total Ticket [illegible]

Driver's Signature
403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR 97123
Ph: (503) 640-9427

Original
Ticket# 1175039

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI Carrier RR ROTH RR ROTH TRUCKING
Ticket Date 04/03/2008 Vehicle# 6 Volume
Payment Type Credit Account Container
Manual Ticket# Driver JOE
Hauling Ticket# Check#
Route Billing # 0000033
State Waste Code Gen EPA ID
Manifest NA
Destination Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen IV, LLC

Time		Scale	Operator	Inbound		
In	04/03/2008 12:38:41	Inbound C	SCM		Gross	122760 lb*
Out	04/03/2008 13:14:28	Outbound	rls		Tare	41540 lb
			* Manual Weight		Net	81220 lb
					Tons	40.61

Comments

WASTE MANAGEMENT

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC	100	40.61	Tons	25.96	82.94	$1054.24	CLARK
2	EVL-Env Fee Lg.	100	1	Load	6.00		$6.00	CLARK

Total Tax $82.94
Total Ticket $1143.18

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640 9427

Original
Ticket# 113903

Customer Name DUNESCONSTCO BONES CONSTRUCTI Carrier RA ROTH RA ROTH TRUCKING
Ticket Date 04/03/2008 Vehicle# 71 Volume
Payment Type Credit Account Container
Manual Ticket# Driver RICH
Hauling Ticket# Check#
Route Billing # 0000033
State Waste Code Gen EPA ID
Manifest NA
Destination Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

COPY

	Time	Scale	Operator	Inbound
In	04/03/2008 11:42:57	Inbound 1	trc	
Out	04/03/2008 12:10:42	Outbound	trc	

Gross	122360 lb
Tare	40840 lb
Net	81520 lb
Tons	40.76

Comments

WASTE MANAGEMENT

Consumer Comments? We want to know. Please call

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet RGC	100	40.76	Tons	25.96	83.24	$1058.13	CLARK
2	EVL-Env Fee Lg.	100	1	Load	6.00		$6.00	CLARK

F.R.

Total Tax	$83.24
Total Ticket	$1147.37

Driver's Signature

403WM

cc: Matt

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1134948

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/03/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER RDF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 78 Volume
Container
Driver KERRY
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	04/03/2008 09:12:38	Inbound 2	RLS		Gross	117300 lb*
Out	04/03/2008 09:40:05	Outbound	trc		Tare	40200 lb
					Net	77100 lb
					Tons	38.55

* Manual Weight

Comments

WASTE MANAGEMENT

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	38.55	Tons	25.96	78.72	$1000.76	CLARK
2 EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $78.72
Total Ticket $1085.48

Driver's Signature Kerry

403WM

cc: Max

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Original
Ticket# 11[illegible]

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/03/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# 27
Container
Driver 808
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

COPY

	Time	Scale	Operator	Inbound
In	04/03/2008 09:36:03	Inbound 2	RLS	
Out	04/03/2008 10:05:20	Outbound	trc	

* Manual Weight

Gross 109200 lb*
Tare 39920 lb
Net 69280 lb
Tons 34.64

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	34.64	Tons	25.96	70.74	$899.25	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $70.74
Total Ticket $975.99

Driver's Signature
403WM

cc: [illegible]

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Original
Ticket# 1134052

Customer Name	DUNE CONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRK MO
Ticket Date	04/03/2008	Vehicle#	38
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	joe
Hauling Ticket#		Check#	
Route		Billing #	0000035
State Waste Code		Gen EPA ID	
Manifest	na		
Destination		Grid	
PO	100301WA		
Profile	100301WA (PCS)		
Generator	168-ROFEVER ROF Evergreen JV, LLC		

COPY

	Time	Scale	Operator	Inbound		
In	04/03/2008 09:28:27	Inbound 1	sdm		Gross	118600 lb
Out	04/03/2008 09:43:33	Outbound	trc		Tare	41680 lb
					Net	76920 lb
					Tons	38.46

Comments

WASTE MANAGEMENT

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC -	100	38.46	Tons	25.96	78.54	$998.42	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $78.54
Total Ticket $1082.96

Driver's Signature

403WM

CC: Mary

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Original
Ticket# 1134950

Customer Name BONESCONSTCO BONES CONSTRUCTI Carrier RA ROTH RA ROTH TRKING
Ticket Date 04/03/2008 Vehicle# 44
Payment Type Credit Account Container
Manual Ticket# Driver RICK
Hauling Ticket# Check#
Route Billing # 0000032
State Waste Code Gen EPA ID
Manifest NA
Destination Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

COPY

	Time	Scale	Operator	Inbound		
In	04/03/2008 09:15:31	Inbound 1	sdm		Gross	107520 lb
Out	04/03/2008 09:42:02	Outbound	trc		Tare	40920 lb
					Net	66600 lb
					Tons	33.30

Comments

WASTE MANAGEMENT

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-ROC-	100	33.30	Tons	25.96	68.00	$864.47	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

R.R.

Total Tax $68.00
Total Ticket $938.47

Driver's Signature

403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138493

Customer Name BONESCONSTCO BONES CONSTRUCTI Carrier CUTTER TRUCKNG
Ticket Date 04/22/2008 Vehicle# 37 Volume
Payment Type Credit Account Container
Manual Ticket# Driver BOB
Hauling Ticket# Check#
Route Billing # 0000033
State Waste Code Gen EPA ID
Manifest NA
Destination Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

COPY

	Time	Scale	Operator	Inbound		
In	04/22/2008 09:07:42	Inbound 1	sdm		Gross	96060 lb
Out	04/22/2008 09:24:58	Outbound	sdm		Tare	39900 lb
					Net	56160 lb
					Tons	28.08

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
.	Cont Soil Pet-RGC-	100	28.08	Tons	25.96	57.37	$728.96	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $57.37
Total Ticket $792.33

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Cl. Matt

Original
Ticket# 1136548

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/22/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier SELFHLD SELF HAULED
Vehicle# 8
Volume
Container
Driver bob
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/22/2008 11:19:23	Inbound 2	jdb		Gross	98660 lb*
Out	04/22/2008 11:19:23		jdb		Tare	39900 lb*
					Net	58760 lb
			* Manual Weight		Tons	29.38

Comments hb cutter

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	29.38	Tons	25.96	60.02	$762.70	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $60.02
Total Ticket $828.72

Driver's Signature

403WM

WM WASTE MANAGEMENT

cc: Matt

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1138614

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/22/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# jr
Container
Driver bob
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/22/2008 13:49:10	Inbound 1	jlr		Gross	88940 lb*
Out	04/22/2008 13:49:10		jlr		Tare	39900 lb*
					Net	49040 lb
			* Manual Weight		Tons	24.52

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	24.52	Tons	25.96	50.09	$636.54	CLARK
2 EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $50.09
Total Ticket $692.63

Driver's Signature
403WM

WASTE MANAGEMENT

cc: Matt

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1138607

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/22/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 64
Volume
Container
Driver joe
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/22/2008 13:26:47	Inbound 1	jlr		Gross	112680 lb
Out	04/22/2008 13:50:04	Outbound	jlr		Tare	41440 lb
					Net	71240 lb
					Tons	35.62

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-ASC-	100	35.62	Tons	25.96	72.77	$924.70	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Joe

Total Tax $72.77
Total Ticket $1003.47

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

C.: Matt

Original
Ticket# 1138544

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/22/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 124
Volume
Container
Driver JOE
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/22/2008 11:07:15	Inbound 1	sdm		Gross	106140 lb
Out	04/22/2008 11:25:23	Outbound	jlr		Tare	41720 lb
					Net	64420 lb
					Tons	32.21

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
.	Cont Soil Pet-RGC-	100	32.21	Tons	25.96	65.80	$836.17	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $65.80
Total Ticket $907.97

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138486

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/22/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 56
Volume
Container
Driver JOE
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	04/22/2008 08:41:00	Inbound 1	sdm		Gross	101280 lb
Out	04/22/2008 08:58:16	Outbound	sdm		Tare	41900 lb
					Net	59380 lb
					Tons	29.69

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
.	Cont Soil Pet-RGC-	100	29.69	Tons	25.96	60.66	$770.75	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $60.66
Total Ticket $837.41

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138808

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 11
Volume
Container
Driver kerry
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	04/23/2008 12:40:23	Inbound 1	rls		Gross	95300 lb*
Out	04/23/2008 12:40:23		rls		Tare	39800 lb*
					Net	55500 lb
			* Manual Weight		Tons	27.75

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	27.75	Tons	25.96	56.69	$720.39	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $56.69
Total Ticket $783.08

Driver's Signature K. Mc

403WM

WM WASTE MANAGEMENT

Cl: Matt

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1138689

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 37
Volume
Container
Driver kerry
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator
In	04/23/2008 07:47:44	Inbound 1	rls
Out	04/23/2008 08:08:09	Outbound	rls

Inbound

Gross	103400 lb
Tare	39800 lb
Net	63600 lb
Tons	31.80

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	31.80	Tons	25.96	64.96	$825.53	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$64.96
Total Ticket	$896.49

Driver's Signature [signature]

403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138750

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 11
Volume
Container
Driver Kerry
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/23/2008 10:19:54	Inbound 1	jdb		Gross	91900 lb*
Out	04/23/2008 10:19:54		jdb		Tare	39800 lb*
					Net	52100 lb
			* Manual Weight		Tons	26.05

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	26.05	Tons	25.96	53.22	$676.26	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $53.22
Total Ticket $735.48

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138841

COPY

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRKING
Ticket Date	04/23/2008	Vehicle#	6
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	joe
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	na		
Destination		Grid	
PO	100901WA		
Profile	100901WA (PCS)		
Generator	168-ROFEVER ROF Evergreen JV, LLC		

Volume

	Time	Scale	Operator	Inbound		
In	04/23/2008 14:08:05	Inbound 1	jdb		Gross	100580 lb*
Out	04/23/2008 14:08:05		jdb		Tare	41700 lb*
					Net	58880 lb
			* Manual Weight		Tons	29.44

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RBC-	100	29.44	Tons	25.96	60.15	$764.26	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$60.15
Total Ticket	$830.41

Joe

Driver's Signature

403WM

cc: Matt

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1138735

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 6
Volume
Container
Driver joe
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/23/2008 09:55:23	Inbound 1	sdm		Gross	94340 lb*
Out	04/23/2008 09:55:23		sdm		Tare	41700 lb*
					Net	52640 lb
			* Manual Weight		Tons	26.32

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	26.32	Tons	25.96	53.77	$683.27	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $53.77
Total Ticket $743.04

Driver's Signature

403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138794

COPY

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRKING
Ticket Date	04/23/2008	Vehicle#	6
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	joe
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	na		
Destination		Grid	
PO	100901WA		
Profile	100901WA (PCS)		
Generator	168-ROFEVER ROF Evergreen JV, LLC		

Volume

	Time	Scale	Operator	Inbound		
In	04/23/2008 12:01:43	Inbound 1	jdb		Gross	97080 lb*
Out	04/23/2008 12:01:43		jdb		Tare	41700 lb*
					Net	55380 lb
			* Manual Weight		Tons	27.69

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	27.69	Tons	25.96	56.57	$718.83	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$56.57
Total Ticket	$781.40

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

CC: Matt

Original
Ticket# 1138686

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 33
Volume
Container
Driver joe
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/23/2008 07:32:57	Inbound 1	rls		Gross	111920 lb
Out	04/23/2008 07:49:04	Outbound	rls		Tare	41720 lb
					Net	70200 lb
					Tons	35.10

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	35.10	Tons	25.96	71.70	$911.20	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $71.70
Total Ticket $988.90

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc; Matt

Original
Ticket# 1138757

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# 9
Container
Driver bob
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

COPY

	Time	Scale	Operator	Inbound		
In	04/23/2008 10:30:09	Inbound 1	jdb		Gross	85340 lb*
Out	04/23/2008 10:30:09		jdb		Tare	39900 lb*
					Net	45440 lb
			* Manual Weight		Tons	22.72

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	22.72	Tons	25.96	46.41	$589.81	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $46.41
Total Ticket $642.22

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

CC: Matt

Original
Ticket# 1138698

COPY

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	CUTTER TRUCKNG
Ticket Date	04/23/2008	Vehicle#	8
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	bob
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	na		
Destination		Grid	
PO	100901WA		
Profile	100901WA (PCS)		
Generator	168-ROFEVER ROF Evergreen JV, LLC		

Volume

	Time	Scale	Operator	Inbound		
In	04/23/2008 08:14:41	Inbound 2	sdm		Gross	97220 lb*
Out	04/23/2008 08:14:41		sdm		Tare	39900 lb*
					Net	57320 lb
			* Manual Weight		Tons	28.66

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	28.66	Tons	25.96	58.55	$744.01	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$58.55
Total Ticket	$808.56

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138810

Customer Name BONESCONSTCO BONES CONSTRUCTI
Carrier CUTTER TRUCKNG
Ticket Date 04/23/2008
Vehicle# 8
Volume
Payment Type Credit Account
Container
Manual Ticket#
Driver bob
Hauling Ticket#
Check#
Route
Billing # 0000033
State Waste Code
Gen EPA ID
Manifest na
Destination
Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

COPY

	Time	Scale	Operator	Inbound		
In	04/23/2008 12:49:03	Inbound 1	rls		Gross	95320 lb*
Out	04/23/2008 12:49:03		rls		Tare	39900 lb*
					Net	55420 lb
			* Manual Weight		Tons	27.71

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	27.71	Tons	25.96	56.61	$719.35	CLARK
2 EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$56.61
Total Ticket	$781.96

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: matt

Original
Ticket# 1139076

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 6
Volume
Container
Driver joe
Check#
Billing # 0000033
Gen EPA ID
Grid
4

	Time	Scale	Operator	Inbound		
In	04/24/2008 14:21:23	Inbound 1	rls		Gross	99520 lb*
Out	04/24/2008 14:21:23		rls		Tare	41700 lb*
					Net	57820 lb
			* Manual Weight		Tons	28.91

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	28.91	Tons	25.96	59.06	$750.50	CLARK
2 EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $59.06
Total Ticket $815.56

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

CC: Matt

Original
Ticket# 1138901

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 6
Volume
Container
Driver joe
Check#
Billing # 0000033
Gen EPA ID
Grid 4

	Time	Scale	Operator	Inbound		
In	04/24/2008 07:34:29	Inbound 1	rls		Gross	98740 lb*
Out	04/24/2008 07:34:29		rls		Tare	41700 lb*
					Net	57040 lb
			* Manual Weight		Tons	28.52

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Cont Soil Pet-RGC-	100	28.52	Tons	25.96	58.26	$740.38	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $58.26
Total Ticket $804.64

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

W. Matt

Original
Ticket# 1138967

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 3 Volume
Container
Driver RICK
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

Time		Scale	Operator	Inbound		
In	04/24/2008 10:14:28	Inbound 2	rls		Gross	98460 lb*
Out	04/24/2008 10:14:28		rls		Tare	40840 lb*
					Net	57620 lb
			* Manual Weight		Tons	28.81

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	28.81	Tons	25.96	58.85	$747.91	CLARK
EVL-Env Fee LD.	100	1	Load	6.00		$6.00	CLARK

Total Tax $58.85
Total Ticket $812.76

Driver's Signature R.R.

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

cc: Matt

Original
Ticket# 1138907

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 3
Volume
Container
Driver rick
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	04/24/2008 07:48:06	Inbound 2	sdm		Gross	97140 lb*
Out	04/24/2008 07:48:06		sdm		Tare	40840 lb*
					Net	56300 lb
			* Manual Weight		Tons	28.15

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	28.15	Tons	25.96	57.51	$730.77	CLARK
EVL-Env Fee Gm. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $57.51
Total Ticket $794.28

Driver's Signature R.R.

403WM

WASTE MANAGEMENT

Hillsboro Langfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1138903

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# 8
Container
Driver bob
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

COPY

	Time	Scale	Operator	Inbound		
In	04/24/2008 07:41:58	Inbound 1	rls		Gross	91080 lb*
Out	04/24/2008 07:41:58		rls		Tare	39900 lb*
					Net	51180 lb
			* Manual Weight		Tons	25.59

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	25.59	Tons	25.96	52.28	$664.32	CLARK
2 EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $52.28
Total Ticket $722.60

Driver's Signature
403WM

CC: Matt

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1130964

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# 8
Container
Driver BOB
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/24/2008 10:10:32	Inbound 2	rls		Gross	97180 lb*
Out	04/24/2008 10:10:32		rls		Tare	39900 lb*
					Net	57280 lb
			* Manual Weight		Tons	28.64

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	28.64	Tons	25.96	58.51	$743.49	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$58.51
Total Ticket	$808.00

BB

Driver's Signature

403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc.
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1139020

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 6
Volume
Container
Driver JOE
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

	Time	Scale	Operator	Inbound		
In	04/24/2008 11:57:18	Inbound 1	JDB		Gross	103020 lb*
Out	04/24/2008 11:57:18		JDB		Tare	41700 lb*
					Net	61320 lb
			* Manual Weight		Tons	30.66

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	30.66	Tons	25.96	62.64	$795.93	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $62.64
Total Ticket $864.57

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc.
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1138959

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 6
Volume
Container
Driver JOE
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	04/24/2008 09:53:11	Inbound 1	sdm		Gross	107600 lb*
Out	04/24/2008 09:53:11		sdm		Tare	41700 lb*
					Net	65900 lb
			* Manual Weight		Tons	32.95

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	32.95	Tons	25.96	67.32	$855.38	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Joe

Total Tax $67.32
Total Ticket $928.70

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: Matt

Original
Ticket# 1139032

ustomer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# 39900
Container
Driver bob
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

COPY

	Time	Scale	Operator	Inbound		
In	04/24/2008 12:32:22	Inbound 2	SDM		Gross	90560 lb*
Out	04/24/2008 12:32:22		SDM		Tare	39900 lb*
					Net	50660 lb
			* Manual Weight		Tons	25.33

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	25.33	Tons	25.96	51.75	$657.57	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $51.75
Total Ticket $715.32

Driver's Signature
403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

cc: mary

Original
Ticket# 1139037

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI Carrier RA ROTH RA ROTH TRKING
Ticket Date 04/24/2008 Vehicle# 40840 Volume
Payment Type Credit Account Container
Manual Ticket# Driver rick
Hauling Ticket# Check#
Route \ Billing # 0000033
State Waste Code Gen EPA ID
Manifest na
Destination Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

from R.A. Roth

	Time	Scale	Operator	Inbound		
In	04/24/2008 12:40:24	Inbound 2	SDM		Gross	100100 lb*
Out	04/24/2008 12:40:24		SDM		Tare	40840 lb*
					Net	59260 lb
			* Manual Weight		Tons	29.63

Comment:

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	29.63	Tons	25.96	60.53	$769.19	CLARK
EVL-Env Fee Lg.	100	1	Load	6.00		$6.00	CLARK

Total Tax $60.53
Total Ticket $835.72

Driver's Signature R.R.

403WM

WM WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

c.c. ipmatt

Original
Ticket# 1139149

COPY

Customer Name BONESCONSTCO BONES CONSTRUCTI Carrier RA ROTH RA ROTH TRKING
Ticket Date 04/25/2008 Vehicle# 6
Payment Type Credit Account Container
Manual Ticket# Driver RICK
Hauling Ticket# Check#
Route Billing # 0000033
State Waste Code Gen EPA ID
Manifest NA
Destination Grid
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

RECEIVED
MAY 0 2 2008
BONES CONSTRUCTION INC.

	Time	Scale	Operator	Inbound		
In	04/25/2008 07:34:26	Inbound 2	sdm		Gross	98100 lb*
Out	04/25/2008 07:34:26		sdm		Tare	40840 lb*
					Net	57260 lb
			* Manual Weight		Tons	28.63

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	28.63	Tons	25.96	58.49	$743.23	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $58.49
Total Ticket $807.72

Driver's Signature R.R.

403WM

Hilisboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1139151

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/25/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 78
Volume
Container
Driver joe
Check#
Billing # 0000033
Gen EPA ID
Grid

COPY

from RARA

	Time	Scale	Operator	Inbound		
In	04/25/2008 07:40:10	Inbound 1	jlr		Gross	101800 lb
Out	04/25/2008 08:00:54	Inbound 1	jlr		Tare	41620 lb*
					Net	60180 lb
			* Manual Weight		Tons	30.09

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	30.09	Tons	25.96	61.47	$781.14	CLARK
2 EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$61.47
Total Ticket	$848.61

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

COPY

Original
Ticket# 1109096

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 04/24/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 100901WA
Profile 100901WA (PCS)
Generator 168-ROFEVER ROF Evergreen JV, LLC

Carrier CUTTER TRUCKNG
Vehicle# 8
Container
Driver bob
Check#
Billing # 0000033
Gen EPA ID
Grid

Volume

RECEIVED
MAY 0 9 2008
BONES CONSTRUCTION INC.

	Time	Scale	Operator	Inbound		
In	04/24/2008 14:48:20	Inbound 1	rls		Gross	99860 lb*
Out	04/24/2008 14:48:20		rls		Tare	39900 lb*
					Net	59960 lb
			* Manual Weight		Tons	29.98

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC-	100	29.98	Tons	25.96	61.25	$778.28	CLARK
EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $61.25
Total Ticket $845.53

(sent out up from start copy)

Driver's Signature

403WM

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1145286

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 05/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 101050WA
Profile 101050WA (PCS with VOC, metals, and pesticides- contained in determination)
Generator WA-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 95
Volume
Container
Driver cary
Check#
Billing # 0000033
Gen EPA ID
Grid

519

	Time	Scale	Operator	Inbound		
In	05/23/2008 08:51:39	Inbound 1	jlr		Gross	104520 lb
Out	05/23/2008 09:26:32	Outbound	sdm		Tare	42140 lb
					Net	62380 lb
					Tons	31.19

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	31.19	Tons	25.96	63.72	$809.69	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $63.72
Total Ticket $879.41

Driver's Signature
403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsbo OR, 37123
Ph: (503)-640-9427

Original
Ticket# 5386

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRKING
Ticket Date	05/23/2008	Vehicle#	5
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	KEVIN
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	NA		
Destination		Grid	
PO	101050WA		
Profile	101050WA (PCS with VOC, metals, and pesticides- contained in determination)		
Generator	WA-ROFEVER ROF Evergreen JV, LLC		

Volume

519

	Time	Scale	Operator	Inbound		
In	05/23/2008 11:58:45	Inbound 1	JDB		Gross	109800 lb*
Out	05/23/2008 11:58:45		JDB		Tare	42440 lb*
					Net	67360 lb
			* Manual Weight		Tons	33.68

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	33.68	Tons	25.96	68.80	$874.33	CLARK
2	EVL-Env Fee Lg.	100	1	Load	6.00		$6.00	CLARK

Total Tax	$68.80
Total Ticket	$949.13

Driver's Signature Kevin

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1145388

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 05/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 101050WA
Profile 101050WA (PCS with VOC, metals, and pesticides- contained in determination)
Generator WA-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 95
Volume
Container
Driver CARRY
Check#
Billing # 0000033
Gen EPA ID
Grid

519

	Time	Scale	Operator	Inbound		
In	05/23/2008 12:04:58	Inbound 1	JDB		Gross	110100 lb
Out	05/23/2008 12:23:47	Outbound	jdb		Tare	41980 lb
					Net	68120 lb
					Tons	34.06

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	34.06	Tons	25.96	69.58	$884.20	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $69.58
Total Ticket $959.78

Driver's Signature

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1145373

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRKING
Ticket Date	05/23/2008	Vehicle#	143
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JOE
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	NA		
Destination		Grid	
PO	101050WA		
Profile	101050WA (PCS with VOC, metals, and pesticides- contained in determination)		
Generator	WA-ROFEVER ROF Evergreen JV, LLC		

Volume

519

	Time	Scale	Operator	Inbound	
In	05/23/2008 11:24:20	Inbound 2	jlr	Gross	111240 lb*
Out	05/23/2008 11:24:20		jlr	Tare	41440 lb*
				Net	69800 lb
			* Manual Weight	Tons	34.90

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	34.90	Tons	25.96	71.30	$906.00	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax	$71.30
Total Ticket	$983.30

403WM

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1145272

Customer Name	BONESCONSTCO BONES CONSTRUCTI	Carrier	RA ROTH RA ROTH TRKING
Ticket Date	05/23/2008	Vehicle#	74
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	joe
Hauling Ticket#		Check#	
Route		Billing #	0000033
State Waste Code		Gen EPA ID	
Manifest	na		
Destination		Grid	

Volume

519

PO 101050WA
Profile 101050WA (PCS with VOC, metals, and pesticides- contained in determination)
Generator WA-ROFEVER ROF Evergreen JV, LLC

	Time	Scale	Operator	Inbound		
In	05/23/2008 08:26:17	Inbound 1	jlr		Gross	101760 lb
Out	05/23/2008 08:41:23	Outbound	jlr		Tare	41420 lb
					Net	60340 lb
					Tons	30.17

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	30.17	Tons	25.96	61.63	$783.21	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $61.63
Total Ticket $850.84

Driver's Signature
403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1145285

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 05/23/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
PO 101050WA
Profile 101050WA (PCS with VOC, metals, and pesticides- contained in determination)
Generator WA-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 140 Volume
Container
Driver Kevin
Check#
Billing # 0000032
Gen EPA ID
Grid

519

	Time	Scale	Operator	Inbound		
In	05/23/2008 08:50:17	Inbound 1	jlr		Gross	98040 lb
Out	05/23/2008 09:05:25	Outbound	jlr		Tare	42440 lb
					Net	55600 lb
					Tons	27.80

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	27.80	Tons	25.96	56.79	$721.69	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $56.79
Total Ticket $784.48

Driver's Signature
403WM

Hillsboro Landfill, Inc

Reprint

3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Ticket# 1145828

Customer Name BONESCONSTCO BONES CONSTRUCTI
Ticket Date 05/27/2008
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 101050WA
Profile 101050WA (PCS with VOC, metals, and pesticides- contained in determination)
Generator WA-ROFEVER ROF Evergreen JV, LLC

Carrier RA ROTH RA ROTH TRKING
Vehicle# 38
Volume
Container
Driver KEVIN
Check#
Billing # 0000033
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	05/27/2008 08:32:21	Inbound 1	jlr		Gross	47660 lb
Out	05/27/2008 08:50:21	Outbound	jdb		Tare	30120 lb
					Net	17540 lb
					Tons	8.77

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	8.77	Tons	25.96	17.91	$227.67	CLARK
2	EVL-Env Fee Lg. -	100	1	Load	6.00		$6.00	CLARK

Total Tax $17.91
Total Ticket $251.58

Driver's Signature

APPENDIX G

Hillsboro Landfill, Inc.

3205 SE MINTER BRIDGE ROAD HILLSBORO, OR 97123

PERMIT # 100901WA

Tracking Number 11791

PERMIT TO DISPOSE OF NON-HAZARDOUS MATERIALS

This permit authorizes disposal of Customer's waste materials in accordance with the Industrial Waste & Disposal Services Agreement dated _6/03_.

EXPIRES: 6/26/08

GENERATOR: *ROF EVERGREEN JV, LLC*

DESCRIPTION: *PCS*	TONS: *4000*
☐ SPECIAL WASTE ☒ CS ☐ C&D ☐ CLEAN-UP	
LOCATION: *VANCOUVER, WASHINGTON 13800-14114 SE MILL PLAIN BLVD*	COUNTY: *Clark not in metro*
CONTACT: *KYLE SATTLER*	PHONE: *360-693-8416*
	FAX: *360-693-8426*

BILLING: *Landfill account BONES CONSTRUCTION*	PO#: *N/A*	JOB#: *N/A*

We accept business checks, cash, VISA / Mastercard or charge (with prior approval)

SPECIAL HANDLING : *NONE:*

MK TyT

APPROVED: KC *KRISTIN CASTNER* DATE: *03/26/08 8:29:50 AM*

A COPY OF THIS PERMIT MUST BE SHOWN BY EACH DRIVER

THERE IS A MINIMUM CHARGE OF $50-$60 FOR EACH LOAD OF SPECIAL WASTE

WM

WASTE MANAGEMENT

HAZARDOUS WASTE IS STRICTLY PROHIBITED

COPY

Hillsboro Landfill, Inc.

3205 SE MINTER BRIDGE ROAD HILLSBORO, OR 97123

PERMIT # 101050WA

Tracking Number 11962

PERMIT TO DISPOSE OF NON-HAZARDOUS MATERIALS

This permit authorizes disposal of Customer's waste materials in accordance with the Industrial Waste & Disposal Services Agreement dated _6/03_____________.

EXPIRES: 8/22/08

GENERATOR: ***ROF EVERGREEN JV, LLC***

DESCRIPTION: *PCS WITH VOC, METALS AND PESTICIDES - CONTAINED IN DETERMINATION*	**TONS:** *100*
☐ SPECIAL WASTE ☒ CS ☐ C&D ☐ CLEAN-UP	
LOCATION: *VANCOUVER, WASHINGTON* *13800-14114 SE MILL PLAIN BLVD*	**COUNTY:** *Clark not in metro*
CONTACT: *KYLE SATTLER*	**PHONE:** *360-693-8416*
	FAX: *360-693-8426*

BILLING: *Landfill account BONES CONSTRUCTION*	**PO#:** *N/A*	**JOB#:** *N/A*

We accept business checks, cash, VISA / Mastercard or charge(with prior approval)

SPECIAL HANDLING: *NOTE:* *CONTAINED IN SOIL PER ECOLOGY, DO NOT USE FOR DAILY COVER, DIRECT LANDFILL.*

MK TyT

APPROVED: KC *KRISTIN CASTNER* DATE: ***05/22/08 11:56:26 AM***

A COPY OF THIS PERMIT MUST BE SHOWN BY EACH DRIVER

THERE IS A MINIMUM CHARGE OF $50-$60 FOR EACH LOAD OF SPECIAL WASTE

WM

WASTE MANAGEMENT

HAZARDOUS WASTE IS STRICTLY PROHIBITED

APPENDIX H

APPENDIX H

CHEMICAL ANALYTICAL PROGRAM

This appendix summarizes the field and laboratory QA/QC procedures and GeoDesign's analytical data review.

FIELD QA PLAN

The field quality assurance for this project consisted of:

- Collection and analysis of field duplicate samples
- Maintenance of chain-of-custody

Equipment rinsate blanks were not collected during this project, because over 98 percent of the soil and groundwater samples were collected using new disposable Nitrile gloves, sample plungers (for collection of soil samples via 5035 Method), and tubing without the use of sampling equipment that required decontamination.

FIELD DUPLICATES

Field duplicates consist of two samples collected sequentially from one sample location to assess data variability. The field duplicates (identified with the prefix Duplicate or DUP) were collected at a frequency of approximately 5 percent of the total number of samples submitted for analysis and analyzed by the same analytical methods used for other soil samples. The analytical results are presented in Tables 2 through 57 and will be submitted in electronic format in accordance with WAC 173-340-840(5).

CHAIN OF CUSTODY

Chain-of-custody procedures were followed during handling and transport of the soil samples to the analytical laboratory. The laboratory held the samples in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference, and laboratory quality control records are included in this appendix. The analytical results are presented in Tables 2 through 57 of this report and will be submitted in electronic format in accordance with WAC 173-340-840(5)

LABORATORY QA PLAN

The analytical laboratory maintains an internal quality assurance program, consisting of a combination of the following:

- **Blanks** – Blanks are laboratory-prepared soil or water samples that are free of contaminants. The blanks are carried through the analysis procedure along with the field samples, to document that contaminants were not introduced to the samples during sample handling and analysis.

- **Surrogate Recoveries –** Surrogates are organic compounds that are similar in nature to the analytes of concern, but are not usually naturally occurring. The surrogates are added to QC and field samples prior to analysis. The percent recovery of the surrogate is calculated to demonstrate acceptable method performance.
- **Duplicates –** Duplicates are obtained by splitting a sample into two parts. The two separate parts are carried through the analyses. The analytical results are then compared by calculating the relative percent difference between the samples.
- **Matrix Spike and Matrix Spike Duplicate Recoveries –** A matrix spike sample is a sample that has been split into a second portion. The matrix spike duplicate is obtained by further splitting the matrix spike sample. A known concentration of the analyte of interest is added to the matrix spike and matrix spike duplicate samples. The analytical results for both samples are then compared for relative percent difference and percent recovery to demonstrate acceptable method performance.
- **Blank Spike/Blank Spike Duplicate Recoveries –** Blank spike and blank spike duplicate samples are obtained and analyzed in the same procedure as the matrix spike/matrix spike duplicate samples. However, the laboratory blank sample is used to obtain the blank spike/blank spike duplicate samples. The percent recovery and relative percent difference of the known concentration of analyte of interest added to the blank spike/blank spike duplicate sample are calculated after chemical analyses to demonstrate acceptable method performance.

SUMMARY OF ANALYTICAL DATA REVIEW

GeoDesign reviewed the analytical data reports for data quality exceptions and deviations from acceptable method performance criteria. Common problems included surrogate, matrix spike/matrix spike duplicate recoveries, and relative percent differences outside of stabilized control limits. Recovery or reproducibility problems were confirmed to be the result of matrix interference, and acceptable method performance was demonstrated through other QC data. It is our opinion that the quality of the chemical analytical data used to form conclusions in this report is acceptable, based on our review of the results and associated QC parameters..

Nonconformances noted during the data quality review are presented on the following table:

TABLE H-1
QA/QC Summary
The Village at Evergreen
Vancouver, Washington

Flag	Sample I.D.(s)	Analyses	Description
A-01	8040218-DUP1, 8050124-MS2, 8030174-MS1, CAA-2-1ox(4.5-5.0), CAA-2-14 (4-4.5)[1], CAA-2-15 (4-4.5), CAA-2-24(10.5-11.0)[1], CAA-2-25(10.0-10.5)[1], CAA-2-26(12.5-13.0)[1], CAA-2-27(12.5-13.0), CAA-2-28(4.5-5.0), CAA-2-29(5.5-6.0)[1]	5035/NWTPH-Gx, EPA 8270C (SIM), EPA 7471A, and/or EPA 8081B	Internal standard areas below acceptable limits (50-200%) due to system degradation. Results for these analytes may be biased low. However, with the exception of those samples that were disposed of at Hillsboro Landfill, the affected analytes were not detected in source samples.
A-01a, -01b, -01c, -01d, & -01g	CAA-2-1ox(4.5-5.0), CAA-2-2(3.0-3.5)[1], CAA-2-3(3.0-3.5), CAA-2-5(1.5-2.0), CAA-2-8(2.5-3.0)[1], CAA-2-10(1.5-2.0)[1], CAA-2-19(8.5-9.0)[1], CAA-2-23(11.0-11.5)[1], CAA-2-24(10.5-11.0)[1], CAA-2-25(10.0-10.5)[1], CAA-2-26(12.5-13.0)[1], CAA-2-27(12.5-13.0), CAA-2-28(4.5-5.0), CAA-2-29(5.5-6.0)[1], Dup-10, Dup-11[1]	EPA 8081B	Due to sample matrix effect, ending Continuing Calibration Verification (CCV) fails low between 57 and 77 percent (acceptable range is 80-120). Data may be biased low. However, detected analytes were significantly below the corresponding MTCA screening criteria. Therefore, the data is acceptable for its intended use.
A-01e	8050101-DUP1	EPA 8270C (SIM)	Estimated Results. Related Internal Standard recovery outside of acceptable 50 to 200 percent limits. All affected analytes were not detected in source sample. Therefore, data quality is not affected.
A-01f	8050124-MS2	EPA 8270C (SIM)	Internal Standard areas for four analytes, (benzo(a)pyrene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene) were below acceptable limits (50-200%) due to system degradation. However, percent recoveries for benzo(a)pyrene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were within control limits. Results for benzo(g,h,i)perylene may be biased low. However, MTCA screening criteria is not established for this analyte. Data quality is acceptable for the intended use.
A-02	8030263-BS1, CAA-2-14 (4-4.5)[1], CAA-2-15 (4-4.5)	EPA 8270C (SIM) and/or EPA 8081B	LCS recovery is slightly above control limits, sample results may be biased high. Additionally, the detected analyte was below MTCA screening criteria. Data quality is acceptable for the intended use.
A-03 & -03a	8030263-MS	EPA 8270C (SIM)	Peak Separation between Benzo(b) and Benzo(k)Fluoranthenes does not meet method specified requirements. Recoveries for Matrix Spike are estimated below control limits. Data may be biased low because of matrix interference and/or poor recovery. However, with the exception of sample Drywell-5(16.5-17), in which PAHs were not detected, all soil samples associated with this Matrix Spike were disposed of at Hillsboro Landfill. Therefore, data quality is acceptable for the intended use.
E	CAA-2-19(8.5-9.0)[1]	EPA 8260B	GTL (EPA) - Greater than upper calibration limit: Actual sample concentration is known to be greater than the instrument's upper calibration range. Soil represented by this sample was disposed of at Hillsboro Landfill.
EST	8050124-MS2	EPA 8270C (SIM)	Result reported is estimated within control limits. Data quality is acceptable for the intended use.
F-03	8030312-DUP1, 8040105-DUP1, 8050030-DUP1, CAA-2-24(10.5-11.0)[1]	NWTPH-Dx	The result for the oil-range hydrocarbon is elevated due to the presence of individual analyte peaks in the oil quantitation range that are not representative of the fuel pattern reported. With the exception of CAA-2-24(10.5-11.0), which was disposed of at Hillsboro Landfill, oil-range hydrocarbons were not detected in the flagged data. Data quality is acceptable for the intended use.
F-05	8040003-DUP2, 8050030-DUP1, 8040179-DUP1, AST-3ox (0.75-1)[1], CAA-2-24ox (10.5-11.0)[1]	NWTPH-HCID and/or NWTPH-Dx	The sample chromatographic pattern for these samples do not resemble the fuel standard used for quantitation. With the exception of AST-3ox(0.75-1.0), which was disposed of at Hillsboro Landfill, diesel- and/or oil-range hydrocarbons were not detected in the flagged data. Data quality is acceptable for the intended use.
F-06	8040267-DUP1	NWTPH-HCID	Results in the diesel organics range are primarily due to overlap from a gasoline range product. Thus, results are biased high. In addition, diesel-range hydrocarbons were estimated at a concentration that is below MTCA screening criteria. Data quality is accepable for the intended use.

TABLE H-1
QA/QC Summary
The Village at Evergreen
Vancouver, Washington

Flag	Sample I.D.(s)	Analyses	Description
F-07	8040073-DUP1, 8040121-DUP1, 8040314-DUP1, AST-3-5(1.5-2.0)[1]	NWTPH-HCID and/or NWTPH-Dx	Results in the diesel organics range are primarily due to overlap from a heavy oil range product. Thus, results are biased high. In addition, diesel-range hydrocarbons were reported at a concentration that is below MTCA screening criteria. Data quality is acceptable for the intended use.
F-08	8040297-DUP2	NWTPH-Dx	The heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range. Thus, results are biased high. In addition, diesel-range hydrocarbons were reported at a concentration that is below MTCA screening criteria. Data qualtiy is acceptable for the intended use.
F-09	8040121-DUP1	NWTPH-HCID	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product. Thus, results are biased high. In addition, gasoline-range hydrocarbons were reported at a concentration that is below MTCA screening criteria. Therefore data qualtiy is acceptable for the intended use.
J2	Piping-4(2.0-2.5)[1]	8270C	Surrogate recovery limits are below established lower control limits. Data are biased low. However, soil represented by this sample was disposed of at Hillsboro Landfill. Based on acceptable surrogate recoveries for other samples and for the laboratory quality control samples, this exception is not considered significant. Data quality is acceptable for the intended use.
J3	CAA-2-1 (30.-3.5)[1], CAA-2-2 (3.-3.5)[1], CAA-2-3(3.0-3.5), CAA-2-4(2.5-3.0), CAA-2-5(1.5-2.0), CAA-2-6(2.0-2.5), CAA-2-7(2.0-2.5)[1], CAA-2-8(2.5-3.0)[1], CAA-2-10(1.5-2.0)[1], CAA-2-14(4.0-4.5), CAA-2-15(4.0-4.5), CAA-2-18(8.0-8.5), CAA-2-19ox(8.5-9.0)[1], CAA-2-23ox(11.0-11.5), CAA-2-24ox(10.5-11.0), CAA-2-26ox(14.0-15.0), CAA-3-1(15.5-16.0), CAA-3-2(16.0-16.5), CAA-3-3(15.5-16.0), CAA-3-4(15.5-16.0), CAA-3-5(16.0-16.5), CAA-3-6(16.0-16.5), CAA-3-7(16.5-17.0), CAA-3-8(15.5-16.0), CAA-3-9(16.0-16.5), CAA-3-10(16.0-16.5), CAA-3-11(15.5-16.0), CAA-3-12(15.5-16.0), CAA-3-14(10.5-11.0), CAA-3-15(11.0-11.5), CAA-3-16(14.0-14.5), CAA-7-3(3.0-3.5)[1], CAA-7-3ox(3.0-3.5), CAA-7-4(2.0-2.5), CAA-7-5 (2.5-3.0), CAA-7-6(1.5-2.0), Drainline-1[1], Drainline-1 (0.5-1.0), Drywell-3(14.5-15.0)[1], Drywell-3(16.5-17), Drywellseds-8[1], Drywell-5(16.5-17), Drywell-6 (19.5-20)[1], Drywell-8(8.0-8.5), DrywellSeds-5[1], DrywellSeds-6[1], Duplicate-1, DUP-3, DUP-8, FrenchDrain-1(7-7.5), Piping-1(3), Piping-2(3), Piping-3(3), Piping-4(2.0-2.5), Piping-7(3.5-4.0), Piping-8(3.5-4)[1], Piping-9(3.5-4.0), Piping-10(3.5-4.0), Piping-11(4.0-4.5)[1], Piping-12(3.5-4.0)[1], Piping-13(4.5-5.0),	8270C and/or 8260B	The associated batch QC was outside the established quality control range for precision due to non-homogeneous sample matrix. However, the relative percent difference for the laboratory's matrix spike and the matrix spike duplicate recoveries are within established control limits. Additionally, the batch was accepted based LCS/LCSD recoveries, which are within laboratory established cotrol limits that are comparable with industry standard. Therefore, data quality is not adversely affected and is acceptable for the indended use.
J4	CAA-2-1 (30.-3.5)[1], CAA-2-19ox(8.5-9.0), CAA-2-20(8.0-8.5), CAA-2-23ox(11.0-11.5), CAA-2-25ox(10.0-10.5), CAA-2-26ox(14.0-15.0), CAA-6-1(6.0), CAA-6-2(5.0-6.0), CAA-6-3(5.0-6.0), CAA-6-4(5.0-6.0), CAA-6-5(5.0-6.0), CAA-7-1(3.4-4.0), CAA-7-2(3.5-4.0), Drywell-3(14.5-15.0)[1], Drywell-2(10.0-10.5), Drywell-1(13.0-13.5), Duplicate-1, Piping-1(3), Piping-2(3), Piping-3(3), Piping-4ox(3.5-4.0), Piping-14 (0.5-0.75)[1], Piping-14ox(1.5-2.0), Piping-15(1.5-2.0), Piping-16(1.5-2.0), Piping-17(0.5-1.0)[1], Piping-17ox(2.0-2.5), Piping-18ox(4.0-4.5), Septic-2(7.5), Stockpile-1[1], Stockpile-2[1], Stockpile-3[1], Stockpile-10, Stockpile-25	8270C and/or 8260B	The associated batch QC was outside the established quality control range for accuracy due to non-homogenous sample matrix. However, the batch was accepted based on LCS recoveries, which are within laboratory established cotrol limits that are comparable with industry standard. Therefore, data quality is not adversely affected and is acceptable for the indended use.
J5	CAA-2-10(1.5-2.0)[1]	EPA 8270C (SIM)	The sample matrix interfered with the ability to make any accurate determination. Data may be biased high due to a high spike value. Additionally, soil represented by this sample was disposed of at Hillsboro Landfill. Therefore data quality is acceptable for the intended use.
J6	PIPING-3(3), PIPING-4(2.0-2.5)[1], CAA-2-10(1.5-2.0)[1]	3060A/7196A, EPA 8270C (SIM) and/or EPA 8260B	The sample matrix interfered with the ability to make any accurate determination; spike value is low. However, soil represented by the soil samples, Piping-4(2.0-2.5) and CAA-2-10(1.5-2.0) was disposed of at Hillsboro Landfill. In addition, although the concentration of hexavalent chromium could not be established in Piping-3(3), total chromium was quantitatively detected below MTCA screening criteria. Data quality is acceptable for the intended use.

TABLE H-1
QA/QC Summary
The Village at Evergreen
Vancouver, Washington

Flag	Sample I.D.(s)	Analyses	Description
J7	STOCKPILE-10	EPA 8270C (SIM)	Surrogate recovery limits cannot be evaluated; surrogates were diluted out. However, VOCs were not detected in any nearby stockpile soil samples. Data quality is acceptable for the intended use.
M-02	8040139-DUP2	EPA 8270C (SIM)	Due to matrix interference, this analyte cannot be accurately quantified. Data may be biased high as the reported result is estimated above established control limits. Acceptable method performance was demonstrated through remaining quality control data. Data quality is acceptable for the intended use.
O	PIPING-1(3), PIPING-2(3), PIPING-3(3), Stockpile-2[1], Stockpile-10	EPA 8270C (SIM)	These samples were diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limits were elevated in order to reflect the necessary dilution. Data quality is unaffected.
Q-01, -04, & -(	8030198-MS1, 8030210-MS1, 8040186-MS2, 8040242-MS1, 8030172-DUP2, 8030174-DUP1, 8030174-MS1, 8030198-MS2, 8030212-DUP1, 8030292-DUP, 8030297-DUP1, 8030297-MS1, 8030297-MS2, 8030310-MS1, 8040092-DUP1, 8040127-MS1, 8040127-MS2, 8040152-DUP2, 8040157-DUP1, 8040157-MS1, 8040179-DUP1, 8040287-DUP1, 8040287-MS2, 8030312-DUP2, 8030292-DUP1, 8040003-DUP1, 8040080-DUP2, 8040105-DUP1, 8040186-DUP1, 8040196-DUP1, 8040316-DUP2, 8040316-DUP3, 8040333-DUP1, 8050030-DUP2	EPA 6020, EPA 7471A, 5035/8260B, NWTPH-HCID, NWTPH-Dx, and/or EPA 8270C (SIM)	The percent recovery and/or RPD was outside the established quality control range for accuracy due to non-homogenous sample matrix. However, the batch was accepted based LCS recoveries, which are within laboratory established cotrol limits that are comparable with industry standard. Therefore, data quality is not adversely affected and is acceptable for the intended use.
Q-08	8030263-BS1, 8030292-BS1, 8030293-BS1, 8030292-DUP1	EPA 8270C (SIM)	Recovery of Lab Control Spike or Matrix Spike was above established control limits for this analyte. Analyte was not detected, therefore data quality is not affected.
Q-11 & -18	8030198-MS1, 8030277-MS1, 8040157-MS2, 8040196-MS1, 8040138-BS1	EPA 6020 or EPA 8270C (SIM)	The spike recovery for this matrix or batch spike cannot be accurately quantified due to sample dilution required from high analyte concentration and/or matrix interference. Data are likely biased high as the matrix or batch spike exceeded control limits. Therefore, data quality is acceptable for the intended use.
Q-16	8030263-MS2	EPA 8270C (SIM)	Reanalysis of an original Batch QC sample. Data quality is acceptable for the intended use.
Q-23	CAA-2-29ox (5.5-6.0)[1]	EPA 8081B	Recovery of Continuing Calibration Verification (CCV) sample above upper control limit for this analyte. Data is likely biased high. Soil represented by this sample was disposed of at Hillsboro Landfill.
Q-25	CAA-2-2(3.0-3.5)[1], CAA-2-3(3.0-3.5), CAA-2-5(1.5-2.0), CAA-2-7ox(2.0-2.5), CAA-2-8(2.5-3.0)[1], CAA-2-10(1.5-2.0)[1], CAA-2-19(8.5-9.0)[1], CAA-2-23(11.0-11.5)[1], CAA-2-24(10.5-11.0)[1], CAA-2-25(10.0-10.5)[1]	EPA 8081B	Recovery of Continuing Calibration Verification standard was above acceptable limits. Analyte was not detected in reported client samples, therefore Data Quality is not affected.
Q-26	8030292-DUP1, 8030161-DUP1, Drainline-1[1], Piping-11(4.0-4.5)[1], Piping-17(0.5-1.0)[1], Piping-18(3.0-3.5), Dup-8	EPA 8270C (SIM)	Peak separation for Benzo(b) and Benzo(k)fluoranthenes does not meet method specified criteria. Reported result includes the combined area of the two isomers and should be considered the total of Benzo(b+k)Fluoranthenes. However, neither analytes were detected, therefore data quality is not affected.
R-02	CAA-2-22(10.5-11.0), CAA-2-23(11.0-11.5), CAA-2-26(12.5-13.0), Dup-11	EPA 8081B	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample. Data quality is acceptable for the intended use.
T1	Piping-18(3.0-3.5)[1], Piping-19(3.0-3.5)[1], Piping-20(3.0-3.5)[1], Piping-21(2.0-2.5), CAA-2-10ox(1.5-2.0)	EPA 8260B, 2540G, or 8270C	Sample(s) received at greater than 4 degrees C. The soil sample CAA-2-10ox(2.0-2.5) was analyzed for SVOCs, which are known for their relatively resiliant chemical properties. Also, VOCs were field preserved and extracted from the soil sample prior to being shipped and received at a temperature greater than 4 degrees C. In addition, soil represented by remaining samples were disposed of at Hillsboro Landfill. Therefore data quality is acceptable for the intended use.
V3	CAA-8-1-4(3.0-3.5)[1], Drainline-1[1], Stockpile-5[1]	EPA 8270C	The internal standard exhibited poor recovery due to sample matrix interference. The analytical results may be biased high. Soil represented by these samples were disposed of at Hillsboro Landfill. Data quality is acceptable for the intended use.

Notes:
1. Soil represented by this sample was disposed at the Hillsboro Landfill.