LEVEL ONE AND LEVEL TWO HYDROGEOLOGIC ASSESSMENT REPORT

for

PROPOSED FEDEX GROUND FACILITY
188th Avenue Northeast
Redmond, Washington 98052

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TABLE OF CONTENTS

1.0 INTRODUCTION 3
2.0 BACKGROUND 4
2.1 Site Location and Description 4
2.2 Proposed Development 4
2.3 Previous Environmental Reports 5
2.3.1 Critical Areas Report, The Watershed Company, February 7, 2012 5
2.3.2 Geotechnical Engineering Report, RGI, April 2, 2012 5
2.3.3 Phase I Environmental Site Assessment, RGI, April 3, 2012 5
2.3.4 Preliminary Phase II Subsurface Investigation, RGI, April 18, 2012 6
2.4 Critical Areas Reporting 7
2.4.1 Fish and Wildlife Habitat Conservation Areas 7
2.4.2 Wetlands 7
2.4.3 Frequently Flooded Areas 8
2.4.4 Geologically Hazardous Areas 8
2.4.5 Critical Aquifer Recharge Areas 8
2.5 Geologic and Hydrogeologic Conditions 9
2.5.1 Level One Hydrogeologic Assessment Elements 9
2.5.2 Level Two Hydrogeologic Assessment Elements 11
3.0 FIELD INVESTIGATION METHOLOLOGY 15
3.1 Public Utility Survey 15
3.2 Soil Investigation 15
3.3 Groundwater Investigation 16
4.0 FIELD INVESTIGATION OBSERVATIONS AND RESULTS 17
4.1 Subsurface Observations 17
4.2 Analytical Results 17
4.2.1 Soil Sample Results 17
4.2.2 Groundwater Results 19
5.0 CONCLUSIONS AND RECOMMENDATIONS 20
6.0 LIMITATIONS 21
7.0 REFERENCES 22

TABLES

Table 1: Summary of Soil Sample Analytical Laboratory Results
Table 2: Summary of Groundwater Sample Analytical Laboratory Results

FIGURES

Figure 1: Site Location Map
Figure 2: Recognized Environmental Concerns Location Map
Figure 3: Critical Areas Location Map
Figure 4: Soil Sample Analytical Results Map
Figure 5: Groundwater Sample Analytical Results Map

APPENDICES

Appendix A: Previous Environmental Reports
Appendix B: City of Redmond Environmental Maps
Appendix C: Soil Boring and Well Construction Logs
Appendix D: Laboratory Analytical Reports
Appendix E: Toxicity Equivalency for cPAH

1.0 INTRODUCTION

Langan Engineering & Environmental Services, P.C. (Langan) and Shannon & Wilson, Inc. (under subcontract to Langan) prepared this Level One and Level Two Hydrogeologic Assessment Report at the request of the SunCap Property Group (the "User"), for the property located at 188th Avenue Northeast, also identified as Tax Parcel No. 0725069129, Lots 5, 6, and 7 and the southern portion of Tax Lot 4, in the City of Redmond, Washington (the "Site"). The objective of this report is to satisfy City of Redmond requirements pertaining to new developments in Critical Aquifer Recharge Areas (CARAs) designated in the City Community Development Guide and associated City ordinances.

This report is organized as follows:

Section 2.0: Describes the Site background including a discussion of previous investigations, an assessment of the City of Redmond Critical Areas present on and in the vicinity of the Site, and the geologic and hydrogeologic elements specified by the Level One and Level Two Hydrogeologic Assessment regulations
Section 3.0: Presents the Phase II Environmental Site Investigation (ESI) field sampling methodology
Section 4.0: Presents the findings of the Phase II ESI
Section 5.0: Presents conclusions and recommendations based on the investigation findings

2.0 BACKGROUND

2.1 Site Location and Description

The Site is located at 188th Avenue Northeast and is comprised of portions of Tax Parcel No. 0725069129 (Lots 5, 6, and 7 and the southern portion of Lot 4) in the City of Redmond, King County, Washington. The Site is bounded by a vacant property occupied by Red-E Topsoil to the north, Genie Industries distribution warehouses to the south, Redmond East Business Campus industrial park with offices and warehouses to the west, and by 188th Avenue Northeast to the east. Beyond the adjoining properties, the surrounding area is comprised primarily of industrial and commercial vacant properties and buildings and by a residential neighborhood to the southeast. A Site location map is provided as Figure 1.

The Site is an irregularly shaped lot, occupying an approximate area of 24 acres, and consists of vacant industrial land currently occupied by four different companies:

- Schnitzer Steel Industries occupies the eastern portion of the Site as a staging and storage area for empty debris containers.
- Waste Management utilizes the western portion of the Site for staging and storage of large trash containers for scrap wood, cardboard, and building debris.
- Trepus Demolition occupies the central and southern portions of the Site as a storage yard for large debris containers (concrete and steel), drums, and other miscellaneous items.
- Red-E Topsoil is located in the northern portion of the Site and consists of topsoil stockpiles.

The Site was previously owned by Cadman Gravel Company, which used the Site as a gravel quarry from approximately 1950 to 1990.

2.2 Proposed Development

The proposed development includes a new FedEx Ground distribution center with associated asphalt-paved parking lots. The proposed building will have a floor surface of 212,000 square feet, which will include 8,600 square feet of office space. Approximately 40,000 cubic yards (yd^3) of soil will require off-site disposal and/or on-site reuse as part of the proposed development, including approximately 20,000 yd^3 of soil that will be excavated to construct a retention pond and approximately 20,000 yd^3 that will be excavated in the southern portion of the Site to achieve the proposed Site grades.

2.3 Previous Environmental Reports

2.3.1 Critical Areas Report, The Watershed Company, February 7, 2012

A Critical Areas Report was prepared by The Watershed Company in February 2012. The Watershed Company conducted a wetland evaluation study at the Site. The presence or absence of wetlands was determined based on vegetation, soils, and hydrology. These features are present at the Site and meet the physical and biological definition of wetlands; however, the Watershed Company concluded that none of these features meets the jurisdictional definition of wetlands in the City of Redmond and or State of Washington regulations.

2.3.2 Geotechnical Engineering Report, RGI, April 2, 2012

A Geotechnical Engineering Report was prepared by RGI in April 2012. The investigation consisted of 30 geotechnical test pits to a maximum depth of approximately 18 ft below grade surface (bgs) and ten soil borings (B1 through B10) extending to depths ranging between 15 to 50 ft bgs. The soil borings were completed concurrently with the Preliminary Phase II Subsurface Investigation (refer to section 2.3.3). Subsurface conditions were reported to consist of a layer of historic fill underlain by native soils. The historic fill extends to a depth of 3 to 35.5 ft bgs and consists of silty sand and sandy silt with various amounts of gravel; localized areas of silty sandy gravel and, gravelly sand with some silt; and silt. Trace amounts of concrete, asphalt, wood, plastic, glass, and organic debris were also identified throughout the Site. The native soil consists primarily of dense sand with some silt, silty sand, and silt. Groundwater was encountered during drilling at depths of approximately 45.5 to 50 ft bgs and one static groundwater level was measured at 41 ft bgs. Perched groundwater was encountered in some areas of the Site between approximately 1.5 and 5.5 ft bgs.

2.3.3 Phase I Environmental Site Assessment, RGI, April 3, 2012

A Phase I Environmental Site Assessment (ESA) was conducted by RGI in April 2012. Activities conducted as part of the Phase I ESA included a Site reconnaissance; review of physical setting sources information; review of environmental agencies' databases; interviews with previous and current owners; and a review of available historical information.

The Phase I ESA identified the following recognized environmental concerns (RECs) and business environmental risks (BERs):

- *REC 1 - Fill from unknown sources*: The Site was mined by Cadman Gravel Company between approximately 1950 and 1990. The Site was then backfilled with fill from unknown sources.

- *REC 2 - Apparent petroleum sheen in a ditch*: An apparent petroleum sheen, assumed to be associated with stormwater run-off from the Trepus Demolition area, was observed in a vegetated drainage ditch in the central portion of the Site near Trepus Demolition's drum storage area.
- *REC 3 - White sheen/residue*: White sheen/residue, assumed to be associated with storm water runoff from the containers, was observed on pooled water along the east side of the debris containers in the Schnitzer Steel Industry area located in the eastern portion of the Site.
- *REC 4 - Unlabeled and uncovered drums*: Multiple unlabeled and uncovered 55-gallon drums were observed in the Trepus Demolition area. The drums were filled with concrete slurry, debris, rainwater, and oil.

A REC Location Map is presented as Figure 2.

2.3.4 Preliminary Phase II Subsurface Investigation, RGI, April 18, 2012

The scope of work for the Preliminary Phase II Investigation was designed to assess the subsurface conditions at the Site. The Preliminary Phase II Investigation included the advancement of ten soil borings (B1 through B10), 12 test pits (TP-1 through TP-10, Geo-TP-10, and Geo-TP11), collection of a groundwater sample taken from a temporary monitoring well, and laboratory analysis of selected soil samples. The purpose of the investigation was to evaluate soil and groundwater conditions in areas of potential concern based on the RECs and BERs identified during the Phase I ESA.

RGI collected a total of 48 soil samples and selected 38 samples to be analyzed for one or more of the followings compounds of concerns (COCs): total petroleum hydrocarbons (TPH) via Washington State Department of Ecology (Ecology) Test Method NWTPH-HCID; diesel- and oil-range TPH via Ecology Test Method TPH-Dx with silica gel cleanup; gasoline-range TPH via Ecology Test Method TPH-Gx; volatile organic compounds (VOCs) via United State Environmental Protection Agency (USEPA) Method 8260B; carcinogenic polycyclic aromatic hydrocarbons (cPAHs) via USEPA Method 8270D SIMS; and Ecology Model Toxics Control Act (MTCA) metals including lead, arsenic, cadmium, chromium, and mercury via USEPA Methods 200.8 and 1631E. Soil sample results were compared to the MTCA Method A Cleanup Levels for Industrial Properties, hereafter referred to as Method A Cleanup Levels, which apply to the Site because it meets the definition of an Industrial Property in the MTCA regulation (Chapter 173-340 WAC). One grab groundwater sample was collected from temporary monitoring well B1 as part of the Preliminary Phase II; however, the sample was not selected for laboratory analysis.

The Preliminary Phase II Investigation reported the following:

- Petroleum odors were noted in test pits Geo-TP10 and Geo-TP11; however, soil sample analytical results showed non-detectable concentrations of COCs or concentrations below applicable Method A Cleanup Levels.
- Soil samples collected and analyzed from soil borings and test pits near the observed petroleum sheen in the drainage ditch in the central portion of the Site were reported to have non-detectable concentrations of COCs or concentrations below applicable Method A Cleanup Levels.
- Two surface samples, TP-7-0 and TP-7-1, collected from test pit TP-7 near the white sheen/residue in the eastern portion of the Site were reported to have oil-range TPH concentrations of 2,200 milligrams per kilogram (mg/kg) and 3,100 mg/kg respectively, which exceed the Method A Cleanup Level of 2,000 mg/kg. TPH was not detected in the underlying sample, indicating that TPH impacts are limited to the top foot of soil.
- One soil sample, B7-5, collected from soil boring B7 in the central portion of the Site, was reported with cPAHs at a toxicity equivalent of 2.9 mg/kg, which is greater than the Method A Cleanup Level 2 mg/kg.

Copies of the previous environmental reports discussed in this section are included in electronic form as Appendix A on the attached compact disk.

2.4 Critical Areas Reporting

The City of Redmond contains areas characterized as environmentally sensitive or critical. These critical areas include fish and wildlife habitat conservation areas, wetlands, frequently flooded zones, geologically hazardous areas, and CARAs. Land use and development incompatible with environmentally critical areas is restricted. Langan reviewed the City of Redmond environmental maps available online (http://www.ci.redmond.wa.us/cms/one.aspx?portalId=169&pageId=7398) to determine if the Site is located within any environmentally critical areas. Relevant City of Redmond environmental maps are provided as Appendix B.

2.4.1 Fish and Wildlife Habitat Conservation Areas

Based on the review of the Fish and Wildlife Habitat Conservation Areas (core preservation areas) critical areas map, dated May 28, 2005, the Site is not located within a fish and wildlife habitat conservation area.

2.4.2 Wetlands

Based on the review of the Wetland critical areas map, dated May 28, 2005, the Site is not located within a wetland or a mixed wetland/upland area. In addition, based on the Critical

Areas Report prepared by The Watershed Company in February 2012, the Site does not contain wetlands (see section 2.3.1).

2.4.3 Frequently Flooded Areas

Based on the review of the Frequently Flooded Areas critical areas map, dated May 28, 2005, the Site is not located within the 100-year floodplain or the Federal Emergency Management Agency (FEMA) floodway.

2.4.4 Geologically Hazardous Areas

Geological hazardous areas include areas susceptible to erosion, landslides, earthquakes, or other geological hazards. Based on the review of the Erosion Hazard Areas, the Landslide Hazard Areas, and the Seismic Hazard Areas critical areas maps, dated May 28, 2005, the Site is not located within a geologically hazardous area.

2.4.5 Critical Aquifer Recharge Areas

In the process of developing Critical Area regulations required by the State of Washington, the City of Redmond applied regulatory guidance and best available science to correlate CARAs with Wellhead Protection Zones (WHPZs). WHPZs are based on the time it takes groundwater to travel from the aquifer recharge area to the nearest municipal drinking water well, which for the Site is City of Redmond Well 5. WHPZs 1, 2, and 3 are defined as the 6-month, 1-year, and 10-year groundwater travel times to the nearest City drinking water well and are classified as CARAs. WHPZ 4 is all of the City area not occupied by the other three WHPZs and is outside of the CARA.

Langan reviewed two current City of Redmond WHPZ maps on the City web site. The map linked to the City wellhead protection information page assigns each tax parcel to one WHPZ, based on the most restrictive zone that crosses the parcel boundary. This map indicates that the large parcel containing the Site (Tax Parcel No. 0725069129) is classified as WHPZ 1, because the 6-month travel-time zone crosses the northernmost part of the parcel. However, a more detailed interactive map available on the City GIS system shows the actual shapes of WHPZs delineated by numerical modeling in the City's Wellhead Protection Plan, as shown on Figure 3, The northern portion of the Site is located within WHPZ 3 and the southern portion of the Site is located within WHPZ 4, which is outside of the CARA. These two WHPZ maps are included in Appendix B.

2.5 Geologic and Hydrogeologic Conditions

The Site is located within the critical aquifer recharge area; therefore, a geologic and hydrogeologic assessment is required, in accordance with the Redmond Zoning Code, Article IV, Chapter 21.64. The purpose of the hydrogeologic assessment is to evaluate the actual presence of geologic conditions giving rise to the critical aquifer recharge area; determine the appropriate wellhead protection zone; evaluate the safety and appropriateness of proposed activities; and recommend appropriate construction practices, monitoring programs and other mitigation measures required to protect groundwater.

2.5.1 Level One Hydrogeologic Assessment Elements

Topography

The Site generally slopes from the southwest to the northeast with surface elevations ranging from +122[1] feet (ft) to +86 ft. The regional topography consists of hills and valleys. The surrounding topography rises to the south of the Site to a height of about el. +160 ft.

Surface Water and Drainage

The Site consists of vacant land, generally covered by vegetation and/or exposed gravel, asphalt fragments, and soil. In addition, there is a large soil stockpile near the northwest corner of the Site. There is no surface water at the Site; however, there are three small ponds about 50 feet south of the Site and a small marsh near the northeast corner of the Site. Stormwater drains, connecting two vegetated areas, are located in the central portion of the Site. Because of the silty nature of Site soil, perched shallow groundwater conditions that were identified during the RGI investigations, and the measured static groundwater depth of about 41 ft bgs, aquifer recharge is expected to be limited at the Site.

Geology

Based on the previous reports completed by RGI, the Site consists of a reclaimed gravel pit. The generalized stratigraphy underlying the Site is composed of a layer of historic fill overlying natural soil. Bedrock was not encountered during the RGI geotechnical and environmental investigations (borings extended up to 66.5 ft bgs). The surficial fill layer ranges in thickness from approximately 3 to 35.5 ft bgs and consists of silty sand and sandy silt with various amounts of gravel; localized areas of silty sandy gravel and, gravelly sand with some silt; and silt. Trace amounts of concrete, asphalt, wood, plastic, glass, and organic debris were identified in surface fill throughout the Site. The native soil consists of sand and silt with varying amounts of gravel.

[1] Elevations are referenced to the National Geodetic Vertical Datum (NGVD, 1929).

Hydrogeology

Typically, groundwater flow is topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth r. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, underground utilities, building foundations, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks.

Based on the previous RGI geotechnical and environmental investigations, groundwater ranges from approximately 41 to 60 ft bgs at the Site. Groundwater was encountered at depths ranging from approximately 26.5 to 60 ft bgs in monitoring wells MW-1 and MW-2, respectively, during this Phase II Subsurface Investigation. Because static groundwater was measured at 41 ft bgs during the geotechnical investigation, groundwater encountered at 26.5 ft bgs in MW-1 is assumed to be perched. Perched groundwater was also observed at depths ranging from approximately 1.5 and 5.5 ft bgs. Based on a review of the August 17, 2010 Water Level Elevation Contour Map, created by the City of Redmond, regional groundwater flow is toward the west-southwest and the groundwater elevation is estimated between approximately 40 and 45 ft.

Other Critical Areas and Important Hydrogeologic Features

As discussed above in Section 2.4 of this report, aside from the Wellhead Protection Zones, no additional Critical Areas are present on the Site.

According to the Ecology Well Logs database search, there are four monitoring wells associated with Tax Parcel 0725069129, extending from 35 to 50 feet bgs. There is no information readily available regarding depth to water or historic water quality data for any of these wells. Based on a review of The City of Redmond property viewer available online (http://gis.redmond.gov/psclite/PSCLite.aspx#/MapView), there are no wells (besides the four monitoring wells), springs, streams or rivers within 1,300 feet of the Site; however, there are several small ponds within 1,300 feet to the south, north, and northeast of the Site.

Historic Water Quality Data

Historic water quality data was not readily available at the time that this report was prepared. One groundwater sample was analyzed as part of this Phase II Subsurface Investigation. Groundwater has not been impacted as a result of historic Site operations (see section 4.2.2).

Best Management Practices

A Sediment and Erosion Control Plan will be implemented during the proposed Site development. This plan will include, but not be limited to, the following erosion control best management practices:

- Installation of silt fence along the downward side of work zones;
- Retention of vegetation (if feasible);
- Stockpile management;
- Installation of storm drain inlet protection;
- Perform Site preparation and earthwork during summer to avoid working during periods of prolonged precipitation; and
- Build construction entrance/exit using 4" to 8" crushed rock (clean) to prevent off-site soil tracking.

2.5.2 Level Two Hydrogeologic Assessment Elements

The proposed development will result in greater than 5,000 square feet of impervious surfaces; therefore, a Level Two hydrogeologic assessment is also required.

Historic Water Quality Data

One groundwater sample was analyzed as part of this Phase II Subsurface Investigation. Groundwater has not been impacted as a result of historic Site operations (see section 4.2.2). No other historic water quality data for the Site was readily available at the time that this report was prepared. Robinson Noble & Saltbush completed a groundwater investigation at the north-adjoining property in July 2008. The investigation included the installation of four groundwater monitoring wells and sample collection in order to assess site groundwater conditions. The groundwater samples were analyzed for total and dissolved metals including lead, arsenic, cadmium, chromium, and mercury via USEPA Method 7000 Series. None of the samples collected had metal concentrations above the laboratory method detection limits. Groundwater data for the municipal monitoring wells was provided by the City of Redmond; however, the nearest municipal well (Well 5) is located approximately 2,500 ft west of the Site.

Groundwater Monitoring Plan Provisions

Based on the depth to groundwater, which is at approximately 41 ft bgs, and the silty nature of the soil encountered at the Site, impacts to groundwater are not expected as a result of the proposed development. Therefore, future groundwater sampling at the Site is not likely to be necessary. However, the two monitoring wells installed at the Site during the field investigation (MW-1 and MW-2; see Section 3.3 and Figure 5 later in this report) are located

downgradient of the proposed facility and could be sampled if a chemical spill did occur at the Site.

Effects of Proposed Project on Groundwater Quality and Quantity

The proposed development will not have any withdrawal effects on nearby wells and surface water features. The proposed development will include a slab on-grade building with associated parking lots; therefore, the Site will be capped with either concrete or asphalt and potential releases to groundwater are not expected. The aquifer recharge is expected to be limited at the Site based on the previous investigations at the Site.

Deleterious Substances or Hazardous Materials Identification

On-site equipment: Based on the size of the operations, a forklift may be used on-site. The forklift will be fueled with either propane or electricity. Hydraulic load doors may be used at the Site in which only a small amount of hydraulic oil would be contained within the lifts. No other equipment is planned to use hydraulic fluids, propane, or fuel oil at the Site.

Packages: Packages containing hazardous materials acceptable to FedEx will be labeled with the name and code of the hazardous material(s) enclosed in the package. FedEx Ground will only accept hazardous material packages weighting less than 70 pounds (32 kilograms). Further weight restrictions may apply depending on the type of material or contained being used.

No deleterious substances or hazardous materials will be treated, produced, recycled, or disposed of on-site.

Deleterious Substances or Hazardous Materials Storage

On-site equipment:

- Material Safety Data Sheets (MSDS) for the cleaning supplies used to maintain the facility will be maintained on Site.
- Small quantities of propane may be stored in locked cages in the parking area for the forklift.
- Hydraulic load doors may be used on-site. If the hydraulic lift cylinders extend below the ground surface, the cylinders will be encased in an external plastic casing for secondary containment and the annular space will have a port for inspection. Hydraulic system oil

will be a non-toxic, Natural Ester (vegetable based) product, readily biodegradable to ASTM Standard D5864 and OECD 301B.

- The facility may allow mobile maintenance vendors to perform routine maintenance (i.e. fluid changes) at the facility at the discretion of the Senior Manager. If mobile maintenance occurs, it will be conducted inside the building and will be conducted in accordance to FedEx vehicle maintenance procedures which do not allow equipment or materials to be stored on-site.

Packages: FedEx Ground will not store hazardous material packages on-site.

Protection Standards During Construction

The following protection standards will be implemented if construction vehicles will be refueling on-site and/or hazardous materials will be stored, dispensed, used or handled during construction activities:

- A development agreement;
- Meet monitoring and construction standards specified in the City of Redmond Code;
- Designate a person on-site with the appropriate knowledge to be responsible for supervising activities dealing with hazardous materials and training to take mitigating actions necessary in the event of a fire or spill;
- Provide adequate secondary containment for hazardous material storage, dispensing, refueling and handling areas;
- Hazardous materials shall not be accessible to the public while unsupervised (locked storage sheds, locked fencing, locked fuel tanks etc.);
- Construction vehicles and stationary equipment leaking hazardous materials need to be removed and repaired immediately;
- Transfer of flammable and combustible liquid from tanks to fluid reservoirs of construction vehicles and stationary equipment have to be in compliance with the Redmond Fire Code (Chapter 15.06 RMC);
- Maintain procedures and on site materials adequate to ensure the immediate containment or cleanup of any hazardous material release.

Spill Plan

On-site equipment: To avoid equipment failure, on-site equipment (i.e. propane forklift and hydraulic load doors if used) will be regularly inspected, repaired, and/or replaced if needed. Details will be described in a SPCC or similar Plan.

Packages: Damaged hazardous material packages will be handled by FedEx. All hazardous material spills or emergencies will be properly controlled and cleaned up by trained FedEx Ground personnel. In the event of an unintentional release of hazardous material at the Site, FedEx Ground policy will be to promptly repackage, report, and send the package to a Hub for evaluation and final disposal.

3.0 FIELD INVESTIGATION METHOLOLOGY

RGI implemented the Supplemental Phase II ESI in May 2012, 2012. The scope of work was designed to:

- Further evaluate soil conditions associated with imported fill in the northern and southern portions of the Site;
- Collect information and analytical data to facilitate the on-site reuse or off-site disposal of soil generated during the redevelopment of the Site; and
- Evaluate groundwater conditions at the Site. The Site is located up-gradient of the City of Redmond drinking water Well 5.

The scope of work for the investigation consisted of:

- Installation of two groundwater monitoring wells and sample collection from one in order to assess site groundwater conditions;
- Completion of 17 additional test pits and ten test probes in the northern and southern portions of the Site and collection of 118 additional soil samples, 16 of which were analyzed, to assess soil conditions and potential health and safety issues regarding soil disturbance during the proposed Site development;

3.1 Public Utility Survey

Prior to the commencement of the subsurface investigation, RGI contacted One-Call to locate public underground utilities on and near the Site.

3.2 Soil Investigation

RGI retained Pacific Northwest Probe & Drilling (Pacific) of Milton, Washington to complete the Supplemental Phase II ESI test borings. The soil investigation included 17 additional environmental test pits (TP-11 through TP-27), ten test probes (PB1 through PB3 and PB7 through PB13), and two permanent monitoring wells (MW-1 and MW-2). Test probes were advanced to depths ranging between approximately 4 ft bgs (PB-7) to 24 ft bgs (PB-2 and PB-8) using a truck-mounted Geoprobe® direct-push sampler. The test pits were excavated to depths ranging between approximately 1.5 ft bgs (TP-23 and TP-24) to 6.5 ft bgs (TP-25) using a John Deere 27D excavator. RGI retained Environmental Drilling Inc. (EDI) of Seattle, Washington to complete the permanent groundwater monitoring wells. Soil borings at monitoring well locations MW-1 and MW-2 were advanced with a truck-mounted hollow-stem auger drill rig to depths ranging from approximately 65.5 to 66.5 ft bgs. An RGI environmental geologist supervised Pacific during excavation and drilling activities. Boring and test pit locations are presented on Figure 4.

Soil samples were collected continuously to the completion depth of each test probes (PB-1 through PB-13) in macrocore® sample barrels with dedicated acetate liners. Soil samples were collected at 5-foot sampling depth intervals for MW-1 and MW2 with 2-ft long split spoon samplers. The split-spoon samplers were decontaminated between each use with Alconox and water. Soil samples retrieved from each boring were visually classified for soil type, grain size and texture. Soil samples were inspected for visual and olfactory evidence of contamination and screened for total organic vapors (TOVs) with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. Boring and test pit logs documenting these observations are included as Appendix C.

RGI collected soil samples from each boring at 2.5-foot and 5-foot sampling intervals or based on field observations (e.g., visual and olfactory observations and/or PID readings). Up to five soil samples were collected per test pit, up to nine soil samples were collected per test probe, and up to 14 samples were collected per monitoring well for laboratory analysis. Soil samples were collected in laboratory-supplied containers and shipped under chain-of-custody protocol to Friedman & Bruya, Inc. (Friedman & Bruya), a Washington State Department of Ecology accredited analytical laboratory in Seattle, Washington, under standard chain-of-custody protocol. The samples were analyzed for the followings COCs: diesel- and oil-range TPH via the appropriate Northwest Test Method; polycyclic aromatic hydrocarbons (PAHs); and Naphthalene via USEPA Method 8270D SIMS.

3.3 Groundwater Investigation

In order to assess groundwater conditions at the Site, two soil borings were completed as permanent groundwater monitoring wells (MW1 and MW2). The permanent groundwater monitoring wells were installed to approximately 63 ft bgs at MW-1 and 65 ft bgs at MW-2 by inserting 15-foot long, pre-packed well screens and attached polyvinyl chloride (PVC) risers. Clean sand was used to backfill the area around the screen to approximately 2 feet above the screen. Hydrated bentonite was used to fill the annulus around the remainder of the riser to grade. Each monitoring well was then completed with a standard traffic-rated flush-mount steel monument with lockable caps. Well construction logs are included in Appendix C.

Following installation and development, MW-1 was sampled using a peristaltic pump. A groundwater sample could not be drawn from the peristaltic pump and was therefore not collected from MW-2. The groundwater sample was collected into laboratory-supplied glassware and shipped under chain-of-custody protocol to Friedman & Bruya. The groundwater sample was analyzed for the following COCs: diesel- and oil-range TPH via the appropriate Northwest Test Method; VOCs via USEPA Method 8260; PAHs and Naphthalene via USEPA Method 8270D SIMS; and total and dissolved metals including lead, arsenic, cadmium, chromium, and mercury via USEPA Methods 200.8 and 1631E.

4.0 FIELD INVESTIGATION OBSERVATIONS AND RESULTS

4.1 Subsurface Observations

Soil descriptions were described using the Unified Soil Classification System (USCS). Surface cover at the Site is primarily gravel with asphalt fragments. Shallow soil throughout the Site consisted of historic fill material predominately comprised of gravel and gray to brown sand and silt with some concrete, plastic, and metallic debris. Based on observations made during this investigation, the fill layer varies in thickness from approximately 4 to 12 feet and is underlain by gray clay with various amounts of silt, sand, and gravel. A gravel layer was encountered below the clay layer in MW-2 at approximately 53 ft bgs. PID readings ranged from 0.0 to 3.2 with the highest recorded reading at approximately 20 ft bgs in test probe PB-2. PID readings were not available for the test pits. Sheen was observed at one location in test pit TP-12, near the southern extent of the Site, from approximately 0 to 5 ft bgs.

Groundwater was encountered at depths ranging from approximately 26.5 to 60 ft bgs in MW-1 and MW-2 respectively. Perched groundwater was observed at 3.5 ft bgs in test pit TP-20.

4.2 Analytical Results

4.2.1 Soil Sample Results

Sixteen out of the 116 soil samples collected during the Supplemental Phase II were submitted to Friedman & Bruya for laboratory analysis; the remaining samples were sent to Friedman and Bruya, but were not analyzed. Analytical results were compared to Method A Cleanup Levels and to Ecology Guidance for Remediation of Contaminated Sites Guidelines for Reuse of Petroleum-Contaminated Soil Category I, II, III, and IV Soil Ranges (September 2011). These reuse guidelines are described as follow:

- Category I soil includes soil with no detectable or quantifiable levels of petroleum hydrocarbons and soils that are not suspected of being contaminated with any other hazardous substances. Soil classified as Category I can be used anywhere.
- Category II soil consists of soil with residual levels of petroleum hydrocarbons that could have adverse impacts on the environment in some circumstances. Soil classified as Category II can be used as fill material above the water table for commercial or industrial properties.
- Category III soil consists of soil with moderate levels of residual petroleum contamination that could have adverse impacts on the environment unless re-used in

carefully controlled situations. Soil classified as Category III can be used as paving base material and for road construction.

- Category IV soil consists of soil with high levels of petroleum contamination that should not be re-used except in very limited circumstances. Soil classified as Category IV may be used as landfill daily cover or for asphalt manufacturing.
- A complete description of applicable reuse for each soil category is listed on Table 12.2 (description and recommended best management practices for soil categories) of the Ecology guidance document.

The analytical results for soil samples are summarized in Table 1 and are shown on Figure 4. A complete copy of the Friedman & Bruya laboratory report is included in Appendix D. Appendix E includes the calculations for the toxicity equivalency for cPAH.

The analytical results of the soil samples are summarized as follows:

Diesel-range TPH

Diesel-range TPH was ubiquitous in soil throughout the Site; however, diesel-range TPH was not detected at concentrations above the Method A Cleanup Levels or the Reuse Category III and IV Soil Ranges in any of the soil samples.

Oil-range TPH

Oil-range TPH was detected in TP-7 at concentrations of 2,200 mg/kg at the surface and 2,900 mg/kg at 1 ft bgs, exceeding the Method A Cleanup Level of 2,000 mg/kg. In addition, oil-range TPH was detected within the Category IV range in six soil samples (PB-2, PB-3, B-9, TP-10, TP-12, and TP-14), ranging from 850 mg/kg in soil sample TP-10-1 to 1,800 mg/kg in soil sample TP-14-3. The balance of the soil samples either fall within or below the Category III soil range. Oil-range TPH is limited to the surface soil and is likely the result of poor-housekeeping and/or periodic releases of fuel oil from equipment during historic site operations; there is not an on-going source of oil-range TPH at the Site.

PAHs

PAHs were ubiquitous in soil samples throughout the Site. cPAHs, in terms of their toxicity equivalent, were detected in two soil samples at concentrations that exceed the Method A Cleanup Level of 2 mg/kg (samples B-7-5 and TP-13-3 at concentrations of 2.9 mg/kg and 12 mg/kg, respectively). With the exception of these two samples, cPAHs, in terms of their toxicity equivalents, either fall within or below the Category III soil range.

Naphthalene

Naphthalene was not detected above the laboratory analytical detection limit in any of the soil samples.

Metals

Three metals, arsenic, chromium, and lead, were detected in soil samples throughout the Site; however, none of the metals were detected at concentrations above the Method A Cleanup Levels. These metals were detected at concentrations either within or below Category III soil ranges in all of the Phase II soils samples.

4.2.2 Groundwater Results

One groundwater sample collected from monitoring well MW-1 was submitted for laboratory analysis. Analytical results were compared to the Method A Cleanup Level for groundwater. Analytical results from the groundwater sample are summarized in Table 2 and presented on Figure 5. A complete copy of the Friedman & Bruya laboratory report is included in Appendix D.

The analytical results of the groundwater sample are summarized as follows:

- Diesel- and oil-range TPH, VOCs, naphthalene, and PAHs were not detected above the laboratory analytical detection limit.
- Dissolved metals were not detected at concentrations exceeding Method A Cleanup Level for groundwater.
- Total chromium was detected at a concentration of 50.2 micrograms per liter (µg/l), which exceeds the Method A Cleanup Level for groundwater of 50 µg/l. Because chromium was not detected in the filtered sample, this result is likely due to entrained sediment in the groundwater sample and is not representative of groundwater quality at the Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of the Level 1 and Level 2 Hydrogeologic Assessments described in this report, the following conclusions and recommendations are presented:

Conclusions

- The subsurface strata consists of uncontrolled historic fill comprised of gravel, brown to gray silt and sand, and asphalt fragments, to a depth of approximately 35.5 ft bgs underlain by native soils comprised of sand, silt, and clay with various amounts of gravel.
- Oil-range TPH and cPAH impacts are limited to surface soil. There is not an on-going source of a petroleum release at the Site. The source of oil-range TPH and cPAHs in excess of applicable standards is likely historic site operations and/or uncontrolled fill (i.e., asphalt) used to reclaim the mine.
- Groundwater has not been impacted as a result of historic Site operations.

Recommendations and Proposed Actions

- Soil with oil-range TPH and cPAH concentrations that exceed their respective Method A Cleanup Levels or the Category IV reuse criteria must be excavated from the Site and transported to a landfill that is permitted to accept this type of waste. This soil will be handled in accordance with applicable local, state and federal regulations. Additional waste characterization analysis may be required to satisfy the disposal facility's requirements. Confirmation samples will be collected after excavation of contaminated soils before Site grading begins.
- The balance of soil that either falls within or below the Category III soil reuse range can be used as paving base material at the Site, if acceptable from a materials properties standpoint. The maximum thickness for placement of soil that exceeds the Category 1 range is 2 feet. This material will be blended with Portland cement (at least 5%) after it is placed, creating a cement-treated base (CTB) for the paved portions of the Site.
- Any excess soil that will be generated during development of the Site will be considered a regulated solid waste. This material will be handled and transported in accordance with applicable local, state and federal regulations to a disposal facility that is permitted to accept this material. This material will be properly characterized prior to transportation to an off-site disposal facility.
- A Soil Management Plan will be prepared that describes the criteria, sampling procedures, laboratory analysis requirements, data management, and documentation of soil disposal volumes. Maintain monitoring wells MW-1 and MW-2 to provide additional groundwater quality data in the unlikely event of a spill or release at the future facility.

6.0 LIMITATIONS

This Phase II report was prepared expressly for the SunCap Property Group for the proposed development at the property located at 188th Avenue Northeast in the City of Redmond, Washington and for the objectives defined herein. Langan and Shannon & Wilson cannot assume responsibility for the use of this Report for any property other than the specific site addressed in this report, or by any third party without specific written authorization from Langan.

The conclusions, opinions, and recommendations provided in this report are based on subsurface conditions ascertained from the analysis of a limited number of samples collected by RGI and from environmental reports prepared by RGI that were provided by the SunCap Property Group. Recommendations provided are contingent upon one another and no recommendation should be followed independent of the others. Actual conditions encountered may differ substantially from those presented herein and should be brought to our attention whereby we may determine how such changes may affect our conclusions, opinions and recommendations.

7.0 REFERENCES

- Geotechnical Engineering Report prepared by RGI and dated April 2, 2012
- Phase I Environmental Site Assessment prepared by RGI and dated April 3, 2012
- Preliminary Phase II Subsurface Investigation prepared by RGI and dated April 18, 2012
- City of Redmond environmental maps available online at: http://www.ci.redmond.wa.us/cms/one.aspx?portalId=169&pageId=7398
- City of Redmond August 17, 2010 Water Level Elevation Contour Map dated November 5, 2012.
- City of Redmond property viewer available online at: http://gis.redmond.gov/psclite/PSCLite.aspx#/MapView
- Washington Department of Ecology Well Log Viewer available online at: http://apps.ecy.wa.gov/welllog/
- City of Redmond Codes, including Appendix 20D-2 Critical Areas Reporting Requirements, available online at: http://www.codepublishing.com/WA/redmond.html
- City of Redmond Wellhead Protection Information: http://www.redmond.gov/cms/One.aspx?portalId=169&pageId=1560#What Wellhead Protection Zone Am I Located In?
- Washington State Department of Ecology Model Toxics Control Act Cleanup Standards (WAC 173-340-740 and WAC 173-340-745)
- Washington State Department of Ecology, Guidance for Remediation of Petroleum-Contaminated Sites. Publication No. 10-09-057, September 2011.
- RZC Article IV Environmental Regulations
- Critical Areas Report prepared by The Watershed Company and dated February 7, 2012
- Redmond Property Groundwater Investigation prepared by Robinson Noble & Saltbush Inc. and dated July 1, 2008.

TABLES

Table 1
Soil Samples Analytical Results Summay
Proposed FedEx Union Hill
188th Avenue Northeast
City of Redmond, Washington 98052

Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	Naph.	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil				As	Cd	Cr	Pb	Hg
TP1-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.05	0.53	----	----	----	----	----
TP1-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	ND<0.01	----	----	----	----	----
TP1-9	9	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.05	ND<0.01	----	----	----	----	----
TP2-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.05	0.031	----	----	----	----	----
TP2-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	ND<0.01	----	----	----	----	----
TP3-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.05	0.040	----	----	----	----	----
TP3-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	ND<0.01	----	----	----	----	----
TP4-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	0.046	----	----	----	----	----
TP4-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	ND<0.01	----	----	----	----	----
TP5-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.05	0.017	----	----	----	----	----
TP5-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	----	----	----	----	----
TP6-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	0.040	----	----	----	----	----
TP6-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	0.36	----	----	----	----	----
TP7-0	0	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	300 x	2,200	ND<20	ND<50	D>250	ND	ND<0.05	0.096	3.60	ND<1	15.6	19.1	ND<0.1
TP7-1	1	03/06/12	0.0	----	----	----	----	----	450 x	3,100	----	----	----	----	ND<0.1	0.19	----	----	----	----	----
TP7-2	2	03/06/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.064	----	----	----	----	----
TP8-1	1	03/06/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.055	----	----	----	----	----
TP8-2	2	03/06/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.021	----	----	----	----	----
TP9-1	1	03/06/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.042 J	----	----	----	----	----
TP9-2	2	03/06/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.13	----	----	----	----	----
TP10-1	1	03/06/12	0.0	----	----	----	----	----	100 x	850	----	----	----	----	ND<0.01	0.094 J	----	----	----	----	----
TP10-2	2	03/06/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.015	----	----	----	----	----
Ditch	7	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Geo-TP10-10	10	03/06/12	0.0	ND<2	ND<0.03	ND<0.05	ND<0.05	ND<0.1	76 x	ND<250	----	----	----	ND	ND<0.05	0.026	3.14	ND<1	15.8	14.7	ND<0.1
B1-10	10	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.05	ND<0.01	4.26	ND<1	21.0	7.07	ND<0.1
B1-20	20	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.05	ND<0.02	3.28	ND<1	18.4	7.13	ND<0.1
B2-5	5	03/08/12	0.0	ND<2	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.05	0.032	4.47	ND<1	15.2	5.96	ND<0.1
B2-15	15	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.05	ND<0.01	3.98	ND<1	23.4	5.28	ND<0.1
B3-5	5	03/08/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.020	----	----	----	----	----
B3-10	10	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.05	0.023	4.81	ND<1	19.3	21.1	ND<0.1
MTCA Method A Soil Cleanup Levels For Industrial Properties				**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2] 1,3,5-Trimethylbenzene = 800[2] 1,2,4-Trimethylbenzene = n/a**	**5**	**Tox Eq = 2.0**	**20**	**2**	**2,000**	**1,000**	**2**
Class II Soil Ranges^				**5 to 30**	**0.005 to 0.03**	**0.005 to 6**	**0.005 to 7**	**0.015 to 9**	**25 to 200**	**100 to 200**	**5 to 30**	**25 to 200**	**100 to 200**	**n/l**	**0.05 to 5**	**0.05 to 0.1**	**n/l**	**n/l**	**n/l**	**17 to 50**	**n/l**
Class III Soil Ranges^				**30 to 100**	**< 0.03**	**6 or less**	**7 or less**	**9 or less**	**200 to 500**	**200 to 500**	**30 to 100**	**200 to 500**	**200 to 500**	**n/l**	**5 or less**	**0.1 to 2**	**n/l**	**n/l**	**n/l**	**50 to 220**	**n/l**
Class IV Soil Ranges^				**100**	**----**	**6**	**7**	**9**	**500**	**500**	**100**	**500**	**500**	**n/l**	**5**	**2**	**n/l**	**n/l**	**n/l**	**----**	**n/l**

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Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	Naph.	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil				As	Cd	Cr	Pb	Hg
B4-10	10	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	**0.067**	----	----	ND<20	ND<50	ND<250	n-Propylbenzene = 0.058 1,3,5-Trimethylbenzene = 0.069 1,2,4-Trimethylbenzene = 0.21 jl	ND<0.05	**0.13**	3.33	ND<1	20.3	8.91	ND<0.1
B4-15	15	03/08/12	0.0	----	----	----	----	----	----	----	----	----	----	----	ND<0.01	0.018	----	----	----	----	----
B4-20	20	03/08/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-25	25	03/08/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-5'	5	03/09/12	0.0	ND<2	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	ND<0.01	0.027	2.42	ND<1	12.9	5.45	ND<0.1
B5-20'	20	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-25'	25	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-5'	5	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-7.5'	7.5	03/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	----	----	----	----	----	----	----
B6-20'	20	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B7-5'	5	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	0.031	**2.9**	----	----	----	----	----
B7-10'	10	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B7-15'	15	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B8-10'	10	03/09/12	0.0	----	----	----	----	----	**69 x**	**460**	----	----	----	----	----	----	----	----	----	----	----
B9-10'	10	03/09/12	0.0	----	----	----	----	----	**75 x**	**880**	----	----	----	----	----	----	----	----	----	----	----
B10-7.5'	7.5	03/09/12	0.0	----	----	----	----	----	ND<50	**380**	----	----	----	----	ND<0.01	0.038	----	----	----	----	----
B10-10'	10	03/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	----	----	----	----	----	----	----
B10-15'	15	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-2.5	2.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-7.5	7.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-12.5	12.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-17.5	17.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-22.5	22.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-27.5	27.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-32.5	32.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-37.5	37.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-42.5	42.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-47.5	47.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-52.5	52.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-1-57.5	57.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels For Industrial Properties					**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2]** **1,3,5-Trimethylbenzene = 800[2]** **1,2,4-Trimethylbenzene = n/a**	**5**	**Tox Eq = 2.0**	**20**	**2**	**2,000**	**1,000**	**2**
Class II Soil Ranges^					**5 to 30**	**0.005 to 0.03**	**0.005 to 6**	**0.005 to 7**	**0.015 to 9**	**25 to 200**	**100 to 200**	**5 to 30**	**25 to 200**	**100 to 200**	**n/l**	**0.05 to 5**	**0.05 to 0.1**	**n/l**	**n/l**	**n/l**	**17 to 50**	**n/l**
Class III Soil Ranges^					**30 to 100**	**< 0.03**	**6 or less**	**7 or less**	**9 or less**	**200 to 500**	**200 to 500**	**30 to 100**	**200 to 500**	**200 to 500**	**n/l**	**5 or less**	**0.1 to 2**	**n/l**	**n/l**	**n/l**	**50 to 220**	**n/l**
Class IV Soil Ranges^					**100**	**----**	**6**	**7**	**9**	**500**	**500**	**100**	**500**	**500**	**n/l**	**5**	**2**	**n/l**	**n/l**	**n/l**	**----**	**n/l**

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Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	Naph.	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil				As	Cd	Cr	Pb	Hg
MW-1-65	65	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-2.5	2.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-7.5	7.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-12.5	12.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-17.5	17.5	05/10/12	1.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-22.5	22.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-27.5	27.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-32.5	32.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-37.5	37.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-42.5	42.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-47.5	47.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-52.5	52.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-57.5	57.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-62.5	62.5	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-2-65	65	05/10/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-1-2	2	05/11/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.20	4.65	ND<1	16.4	18.6	ND<0.1
PB-1-4	4	05/11/12	0.0	----	----	----	----	----			----	----	----	----							
PB-1-6	6	05/11/12	0.0	----	----	----	----	----			----	----	----	----							
PB-1-8	8	05/11/12	0.0	----	----	----	----	----			----	----	----	----							
PB-2-4	4	05/11/12	0.0	----	----	----	----	----	83 x	1,000	----	----	----	----	ND<0.01	0.13	3.31	ND<1	12.9	14.7	ND<0.1
PB-2-6	6	05/11/12	0.0	----	----	----	----	----			----	----	----	----							
PB-2-8	8	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-10	10	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-12	12	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-14	14	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-16	16	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-17	17	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-20	20	05/11/12	3.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-2-24	24	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-3-2	2	05/11/12	0.0	----	----	----	----	----	140 x	1,200	----	----	----	----	ND<0.01	0.11	3.17	ND<1	10.7	6.34	ND<0.1
PB-3-4	4	05/11/12	0.0	----	----	----	----	----			----	----	----	----							
PB-3-6	6	05/11/12	0.0	----	----	----	----	----			----	----	----	----							
MTCA Method A Soil Cleanup Levels For Industrial Properties					100/30[1]	0.03	7	6	9	2,000	2,000	100/30[1]	2,000	2,000	n-Propylbenzene = 8,000[2] 1,3,5-Trimethylbenzene = 800[2] 1,2,4-Trimethylbenzene = n/a	5	Tox Eq = 2.0	20	2	2,000	1,000	2
Class II Soil Ranges^					5 to 30	0.005 to 0.03	0.005 to 6	0.005 to 7	0.015 to 9	25 to 200	100 to 200	5 to 30	25 to 200	100 to 200	n/l	0.05 to 5	0.05 to 0.1	n/l	n/l	n/l	17 to 50	n/l
Class III Soil Ranges^					30 to 100	< 0.03	6 or less	7 or less	9 or less	200 to 500	200 to 500	30 to 100	200 to 500	200 to 500	n/l	5 or less	0.1 to 2	n/l	n/l	n/l	50 to 220	n/l
Class IV Soil Ranges^					100	----	6	7	9	500	500	100	500	500	n/l	5	2	n/l	n/l	n/l	----	n/l

Table 1
Soil Samples Analytical Results Summay
Proposed FedEx Union Hill
188th Avenue Northeast
City of Redmond, Washington 98052

Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	Naph.	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil				As	Cd	Cr	Pb	Hg
PB-7-1	1	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-7-3	3	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-7-4	4	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-2	2	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-4	4	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-6	6	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-8	8	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-12	12	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-16	16	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-8-20	20	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-9-2	2	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-9-4	4	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-9-5	5	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-9-6	6	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-9-8	8	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-10-2	2	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-10-4	4	05/11/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-2	2	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-4	4	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-6	6	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-8	8	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-10	10	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-12	12	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-11-14	14	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-12-2	2	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-12-4	4	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-12-12	12	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-12-16	16	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-12-19	19	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-2	2	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-4	4	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-6	6	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels For Industrial Properties				**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2] 1,3,5-Trimethylbenzene = 800[2] 1,2,4-Trimethylbenzene = n/a**	**5**	**Tox Eq = 2.0**	**20**	**2**	**2,000**	**1,000**	**2**
Class II Soil Ranges^				**5 to 30**	**0.005 to 0.03**	**0.005 to 6**	**0.005 to 7**	**0.015 to 9**	**25 to 200**	**100 to 200**	**5 to 30**	**25 to 200**	**100 to 200**	**n/l**	**0.05 to 5**	**0.05 to 0.1**	**n/l**	**n/l**	**n/l**	**17 to 50**	**n/l**
Class III Soil Ranges^				**30 to 100**	**< 0.03**	**6 or less**	**7 or less**	**9 or less**	**200 to 500**	**200 to 500**	**30 to 100**	**200 to 500**	**200 to 500**	**n/l**	**5 or less**	**0.1 to 2**	**n/l**	**n/l**	**n/l**	**50 to 220**	**n/l**
Class IV Soil Ranges^				**100**	**----**	**6**	**7**	**9**	**500**	**500**	**100**	**500**	**500**	**n/l**	**5**	**2**	**n/l**	**n/l**	**n/l**	**----**	**n/l**

Table 1
Soil Samples Analytical Results Summay
Proposed FedEx Union Hill
188th Avenue Northeast
City of Redmond, Washington 98052

Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	Naph.	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil				As	Cd	Cr	Pb	Hg
PB-13-8	8	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-10	10	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-12	12	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-14	14	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PB-13-15	15	05/14/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-11-2	2	05/09/12	0.0	----	----	----	----	----	130 x	ND<250	----	----	----	----	ND<0.01	0.56	5.90	ND<1	19.2	29.5	ND<0.1
TP-11-4	4	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-12-2	2	05/09/12	0.0	----	----	----	----	----	170 x	1,600	----	----	----	----	ND<0.1	0.45	3.96	ND<1	16.3	71.9	ND<0.1
TP-12-5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-13-3	3	05/09/12	0.0	----	----	----	----	----	110 x	ND<250	----	----	----	----	ND<0.5	12	5.46	ND<1	15.3	158	ND<0.1
TP-13-5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-14-3	3	05/09/12	0.0	----	----	----	----	----	180 x	1,800	----	----	----	----	ND<0.1	0.13	3.60	ND<1	13.2	15.8	ND<0.1
TP-14-5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-15-2	2	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.17	3.68	ND<1	14.5	20.0	ND<0.1
TP-15-5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-16-3	3	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.042	3.35	ND<1	13.2	16.9	ND<0.1
TP-16-5	5	05/09/12	0.0	----	----	----	----	----			----	----	----	----							
TP-17-3	3	05/09/12	0.0	----	----	----	----	----	ND<50	340	----	----	----	----	ND<0.01	0.088	3.04	ND<1	11.8	6.31	ND<0.1
TP-17-5	5	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.22	4.86	ND<1	15.1	23.2	ND<0.1
TP-18-3	3	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.081	2.05	ND<1	10.1	7.10	ND<0.1
TP-18-5	5	05/09/12	0.0	----	----	----	----	----	ND<50	460	----	----	----	----	ND<0.1	0.20	2.07	ND<1	8.94	6.74	ND<0.1
TP-19-3	3	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	0.0084	3.97	ND<1	11.7	5.05	ND<0.1
TP-19-5	5	05/09/12	0.0	----	----	----	----	----			----	----	----	----							
TP-20-3	3	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	ND<0.01	6.42	ND<1	20.3	5.51	ND<0.1
TP-20-5	5	05/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	ND<0.01	ND<0.01	5.12	ND<1	22.0	5.54	ND<0.1
TP-21-3	3	05/09/12	0.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-21.5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-22-3	3	05/09/12	1.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-22-5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-23-1	1	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-24-1.5	1.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-25-1.5	1.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels For Industrial Properties					**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2] 1,3,5-Trimethylbenzene = 800[2] 1,2,4-Trimethylbenzene = n/a**	**5**	**Tox Eq = 2.0**	**20**	**2**	**2,000**	**1,000**	**2**
Class II Soil Ranges^					**5 to 30**	**0.005 to 0.03**	**0.005 to 6**	**0.005 to 7**	**0.015 to 9**	**25 to 200**	**100 to 200**	**5 to 30**	**25 to 200**	**100 to 200**	**n/l**	**0.05 to 5**	**0.05 to 0.1**	**n/l**	**n/l**	**n/l**	**17 to 50**	**n/l**
Class III Soil Ranges^					**30 to 100**	**< 0.03**	**6 or less**	**7 or less**	**9 or less**	**200 to 500**	**200 to 500**	**30 to 100**	**200 to 500**	**200 to 500**	**n/l**	**5 or less**	**0.1 to 2**	**n/l**	**n/l**	**n/l**	**50 to 220**	**n/l**
Class IV Soil Ranges^					**100**	**----**	**6**	**7**	**9**	**500**	**500**	**100**	**500**	**500**	**n/l**	**5**	**2**	**n/l**	**n/l**	**n/l**	**----**	**n/l**

Table 1
Soil Samples Analytical Results Summay
Proposed FedEx Union Hill
188th Avenue Northeast
City of Redmond, Washington 98052

Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	Naph.	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil				As	Cd	Cr	Pb	Hg
TP-25-3	3	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-25-5	5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-25-6	6	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-25-6.5	6.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-26-1.5	1.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-26-4	4	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-26-5.5	5.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-27-2	2	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-27-3	3	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP-27-4.5	4.5	05/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels For Industrial Properties				**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2] 1,3,5-Trimethylbenzene = 800[2] 1,2,4-Trimethylbenzene = n/a**	**5**	**Tox Eq = 2.0**	**20**	**2**	**2,000**	**1,000**	**2**
Class II Soil Ranges^				**5 to 30**	**0.005 to 0.03**	**0.005 to 6**	**0.005 to 7**	**0.015 to 9**	**25 to 200**	**100 to 200**	**5 to 30**	**25 to 200**	**100 to 200**	**n/l**	**0.05 to 5**	**0.05 to 0.1**	**n/l**	**n/l**	**n/l**	**17 to 50**	**n/l**
Class III Soil Ranges^				**30 to 100**	**< 0.03**	**6 or less**	**7 or less**	**9 or less**	**200 to 500**	**200 to 500**	**30 to 100**	**200 to 500**	**200 to 500**	**n/l**	**5 or less**	**0.1 to 2**	**n/l**	**n/l**	**n/l**	**50 to 220**	**n/l**
Class IV Soil Ranges^				**100**	**----**	**6**	**7**	**9**	**500**	**500**	**100**	**500**	**500**	**n/l**	**5**	**2**	**n/l**	**n/l**	**n/l**	**----**	**n/l**

Notes:
The table was created by The Riley Group, Inc.
All results and detection limits are given in mg/kg; equivalent to parts per million (ppm).
Sample Depth = Soil sample depth interval in feet below ground surface (bgs).
PID = Photoionization Detector.
Diesel and Oil TPH (total petroleum hydrocarbons) determined using Ecology Test Method NWTPH Dx with silica gel cleanup.
Naph. (Naphthalene) and cPAHs (carcinogenic Polynuclear Aromatic Hydrocarbons) determined using EPA Test Method 8270D SIM.
MTCA 5 Metals (As = Arsenic, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Mercury) determined using EPA Method 200.8 and 1631E.
ND = Not Detected at noted analytical detection limit.
---- = Not analyzed or not applicable.
Tox Eq = Toxicity Equivalency per WAC 173-340-708(8)
[1] The higher cleanup level is allowed if no hexavalent chromium (CrVI) is present in the sample.
x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
^ From Ecology's Guidance for Remediation of Petroleum-Contaminated Sites, September 2011, Publication No. 10-09-057, Table 12.1.
MTCA Cleanup Level, Ecology Model Toxics Control Act Method A Soil Cleanup Levels for Unrestricted Land Use (WAC 173-340-900, Table 740-1).
Bold & yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Soil Cleanup Levels.

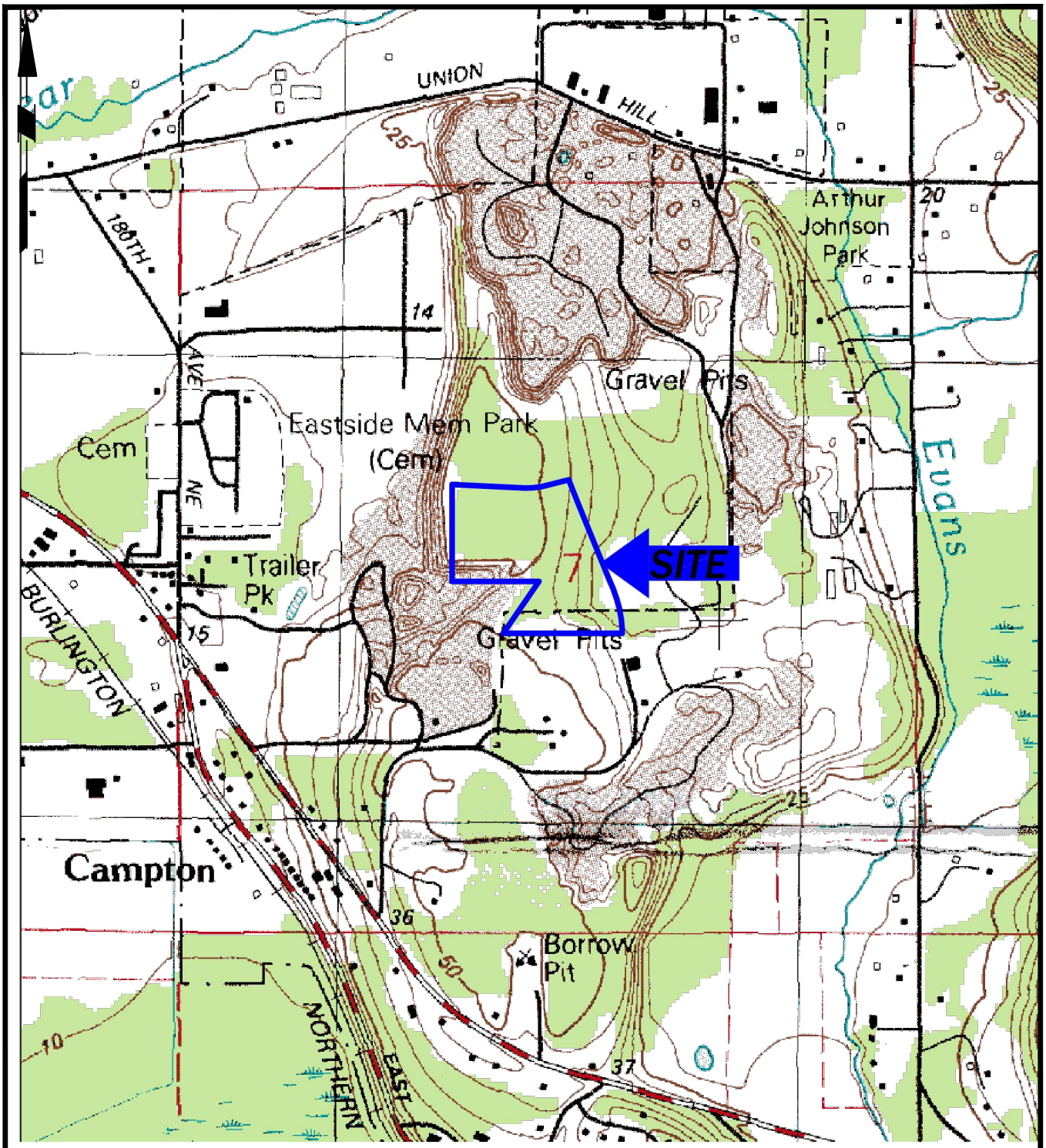
Table 2
Groundwater Samples Analytical Results Summay
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

Sample Number	Sample Date	Depth to Water (bgs)	BTEX				Diesel TPH	Oil TPH	VOCs	Naph.	cPAHs	Total MTCA 5 Metals					Dissolved MTCA 5 Metals				
			B	T	E	X						As	Cd	Cr	Pb	Hg	As	Cd	Cr	Pb	Hg
MW-1	05/14/12	26.25	ND<0.35	ND<1	ND<1	ND<2	ND<50	ND<250	ND	ND<0.1	ND<0.1	4.55	ND<1	**50.2**	5.24	ND<0.1	1.7	ND<1	2.2	ND<1	ND<0.1
MW-2	05/14/12	60.06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW-B	05/16/12	—	----	----	----	----	ND<50	ND<250	----	ND<0.1	ND<0.1	ND<1	ND<1	ND<1	ND<1	ND<0.1	----	----	----	----	----
MTCA Method A Groundwater Cleanup Levels			5	1,000	700	1,000	500	500	Analyte Specific	160	Analyte Specific	5	5	50	15	2	5	5	50	15	2

Notes:

The table was created by The Riley Group, Inc.
Samples collected by RGI field staff using a peristaltic pump under low flow conditions.
Unless otherwise noted, all analytical results are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
BTEX (Benzene, Toluene, Ethyl Benzene, and Xylenes) and VOCs (Volatile Organic Compounds) determined using EPA Test Method 8260C.
Diesel and Oil TPH (total petroleum hydrocarbons) determined using Ecology Test Method NWTPH-Dx with silica gel cleanup.
Naph. (Naphthalene) and cPAHs (carcinogenic Polynuclear Aromatic Hydrocarbons) determined using EPA Test Method 8270D SIM.
Total and Dissolved MTCA 5 Metals (As = Arsenic, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Murcury) determined using EPA Method 200.8 and 1631E.
ND = Not Detected at noted analytical detection limit.
---- = Not analyzed or not applicable.
[1] The higher cleanup level is applicable if no benzene is detected in groundwater.
MTCA Cleanup Level = Ecology Model Toxics Control Act Method A Cleanup Levels for Ground Water (WAC 173-340-900, Table 720-1).
Bold & yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Groundwater Cleanup Levels.

FIGURES



NOTES:

1. BASE MAP IS FIGURE 1 - SITE VICINITY MAP PREPARED BY THE RILEY GROUP, INC. FOR THE PHASE I ENVIRONMENTAL SITE ASSESSMENT, AND DATED MARCH 2012 .
2. THE TOPOGRAPHIC MAP WAS OBTAINED BY THE RILEY GROUP INC. FROM THE USGS BELLEVUE NORTH, WASHINGTON 7.5-MINUTE QUADRANGLE, DATED 1982.

FEDEX GROUND FACILITY
CITY APPLICATION No. PRE120016
APPLICANT: SCANNELL PROPERTIES

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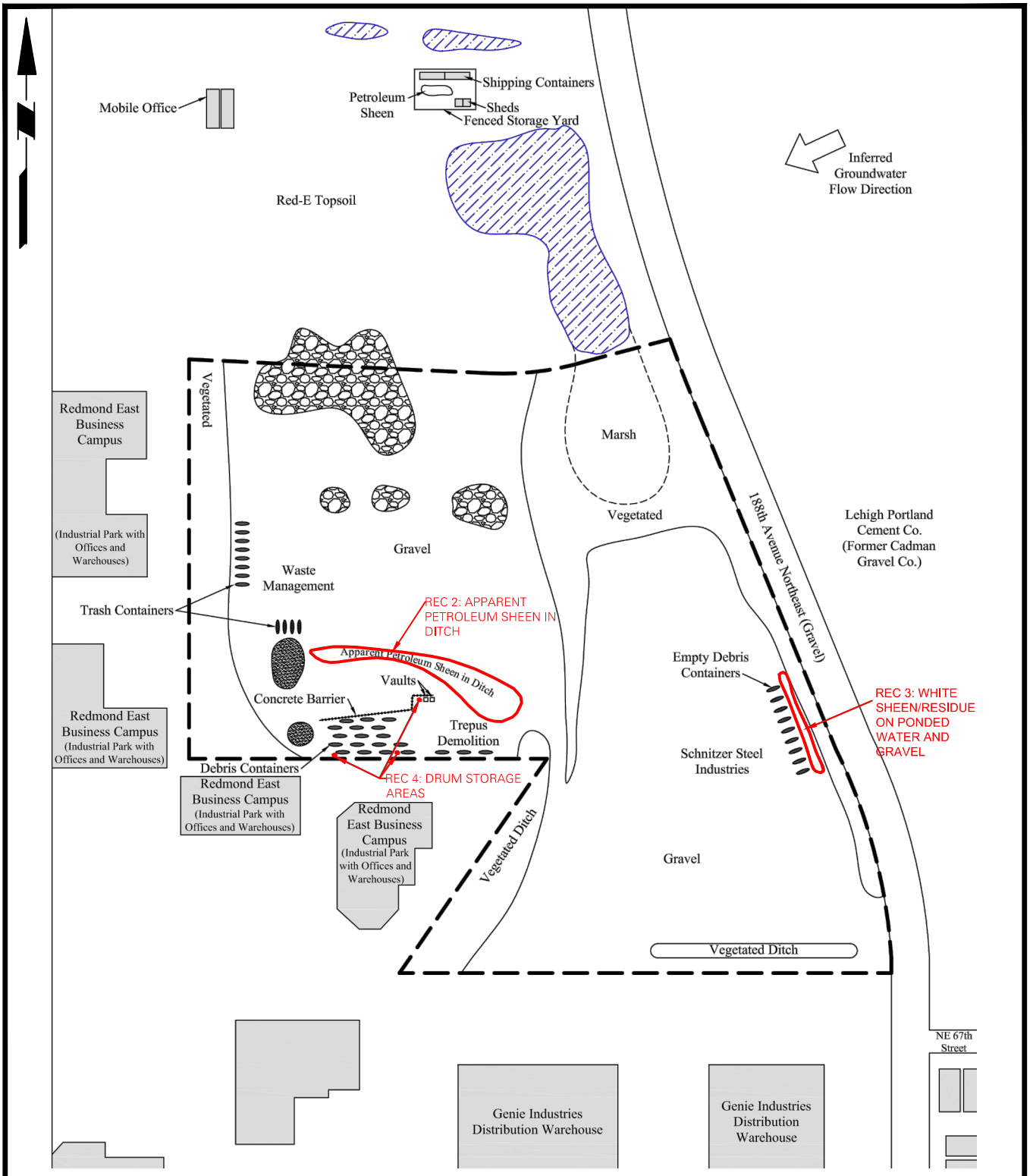
PROPOSED FEDEX GROUND FACILITY

SITE LOCATION MAP

REDMOND WASHINGTON

Project No.	Date	Scale	Dwg. No.
731594301	06/12/2012	NTS	1

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LEGEND:

REC — RECOGNIZED ENVIRONMENTAL CONCERN

SOIL PILE

POND

GRAVEL PILE

SITE BOUNDARY

NOTES:

1. BASE MAP BASED ON FIGURE 2 - SITE AND SURROUNDING AREA PREPARED BY THE RILEY GROUP, INC. FOR THE PHASE I ENVIRONMENTAL SITE ASSESSMENT, AND DATED MARCH 2012 .

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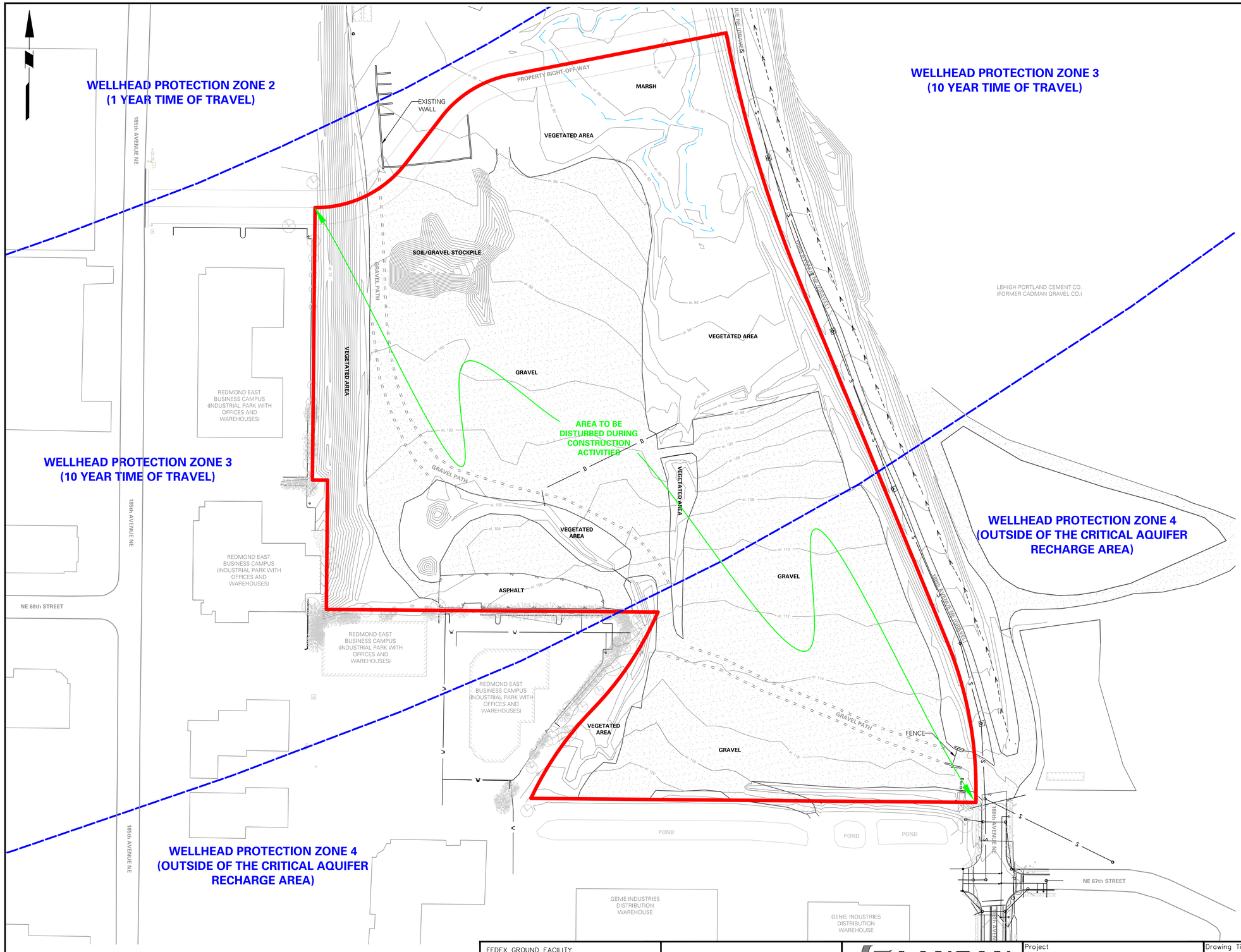
PROPOSED FEDEX GROUND FACILITY

RECOGNIZED ENVIRONMENTAL CONCERNS LOCATION MAP

REDMOND WASHINGTON

Project No.	Date	Scale	Dwg. No.
731594301	06/28/12	1" = 250'	2

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LEGEND:

- SITE BOUNDARY
- WELLHEAD PROTECTION ZONE LIMIT
- GRAVEL PAVEMENT
- el. 104 — ELEVATION CONTOUR LINE
- MARSH
- D — STORMWATER DRAINAGE

NOTES:

1. BASE MAP OBTAINED FROM SUNCAP PROPERTY GROUP AND BASED ON A TOPOGRAPHIC SURVEY PREPARED IN THE FIELD BY DOWL HKM.
2. ELEVATIONS (el.) ARE WITH RESPECT TO THE MEAN SEA LEVEL U.S. GEOLOGICAL SURVEY NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD, 1929).
3. ELEVATION CONTOUR INTERVAL IS 2 FEET.
4. WELLHEAD PROTECTION ZONE LIMITS WERE PROVIDED BY THE CITY OF REDMOND. WELLHEAD PROTECTION ZONES 1, 2, AND 3 ARE DESIGNATED AS CRITICAL AQUIFER RECHARGE AREAS UNDER THE PROVISIONS OF THE GROWTH MANAGEMENT ACT (CHAPTER 36.70A RCW) AND ARE ESTABLISHED BASED ON PROXIMITY TO AND TRAVEL TIME OF GROUNDWATER TO THE CITY'S PUBLIC WATER SOURCE WELLS.
5. THE NORTHERN PORTION OF THE SITE IS LOCATED WITHIN WELLHEAD PROTECTION ZONE 3, WHICH INDICATES THAT IT TAKES GROUNDWATER APPROXIMATELY 10 YEARS TO TRAVEL FROM THE RECHARGE AREA (THE SITE) TO THE CITY'S PUBLIC WATER SOURCE WELLS.
6. BASED ON A REVIEW OF THE CITY OF REDMOND ENVIRONMENTAL MAPS AVAILABLE ONLINE ON THE CITY OF REDMOND WEBSITE (http://www.ci.redmond.wa.us/cms/one.aspx?portalId=169&pageId=7398), THE SITE IS NOT LOCATED WITHIN THE FOLLOWING CRITICAL AREAS:
   - FREQUENTLY FLOODED AREAS;
   - FISH AND WILDLIFE HABITAT CONSERVATION AREAS;
   - WETLANDS; AND
   - GEOLOGICALLY HAZARDOUS AREAS (EROSION, SEISMIC, LANDSLIDE HAZARD AREAS) .

FEDEX GROUND FACILITY
CITY APPLICATION No. PRE120016
APPLICANT: SCANNELL PROPERTIES

NAME DATE
PROFESSIONAL XXXXXXXXXXXXX N.J. LIC. No.XXXXX

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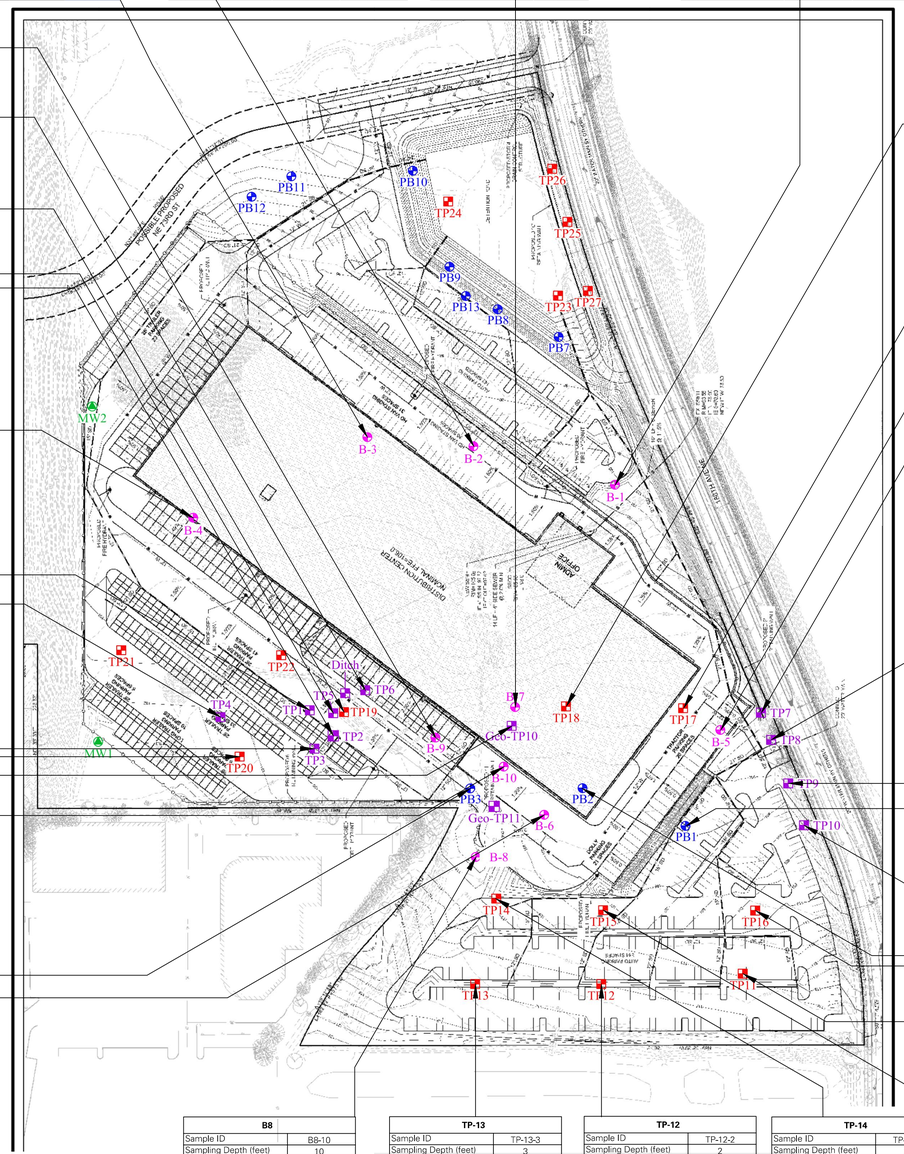
Project
PROPOSED FEDEX GROUND FACILITY
REDMOND WASHINGTON

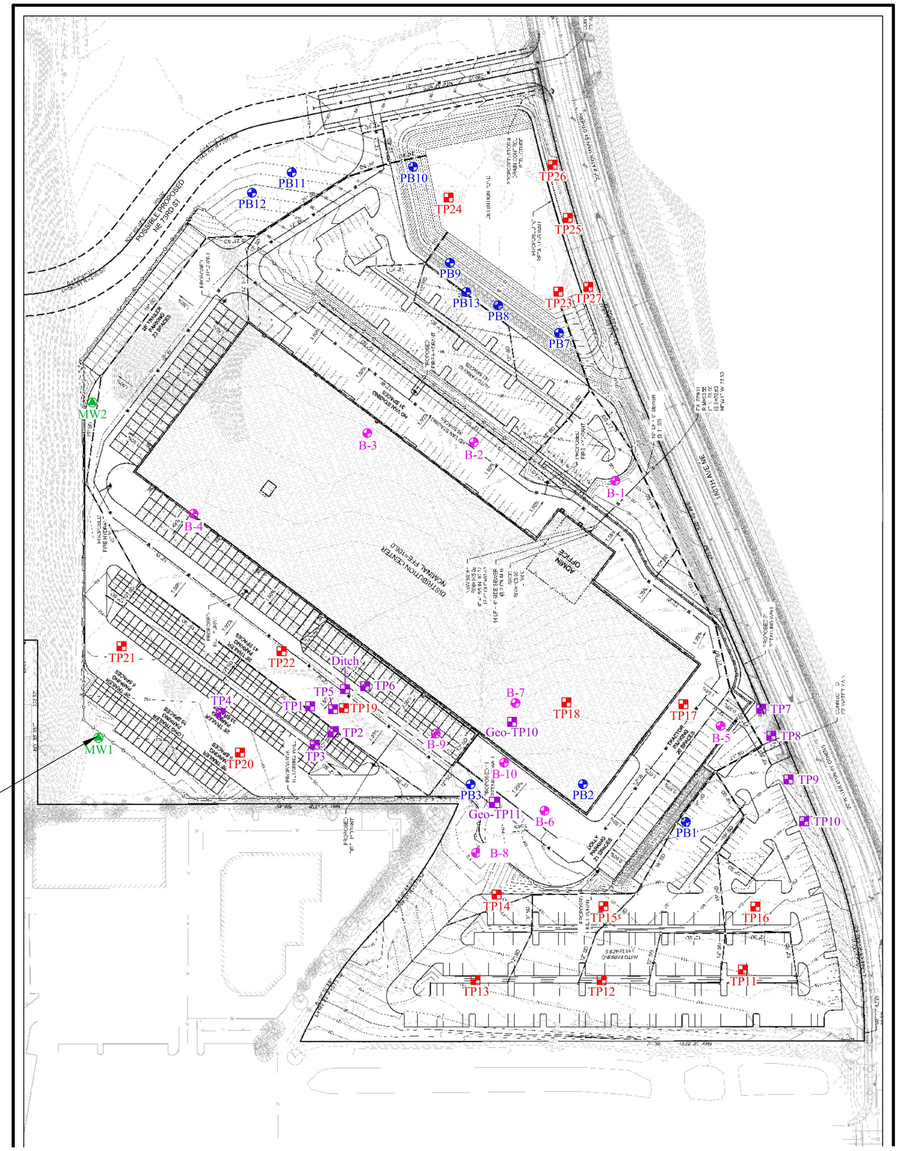
Drawing Title
CRITICAL AREAS LOCATION MAP

Project No. 731594301	Drawing No. 3
Date 06/20/2012	
Scale 1" = 80'	
Drn. By EB	
Last Revised 06/21/2012	Of

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Filename: \\langan.com\data\SF\data3\731594301\Cadd Data – 731594301\Figure 3 – Critical Area Location Map.dwg Date: 6/21/2012 Time: 14:08 User: ebourbon Style Table: Langan.stb Layout: D Size Sheet (Bottom)


PROPOSED PROPERTY LINE
NEW 7.5' WIDE ST
PROPOSED 24' WIDE ACCESS ROAD
PROPOSED 24' WIDE ACCESS ROAD
PROPOSED 24' WIDE ACCESS ROAD



MW-1	
Sample ID	MW-1
Sampling Date	5/14/2012
Groundwater Depth (feet)	26.25
Units	(µg/l)
Chromium	**50.2**

LEGEND:

- MONITORING WELL INSTALLED BY RGI IN MAY 2012
- TEST PROPE LOCATION BY RGI IN 2012
- BORING LOCATION BY RGI IN MARCH 2012
- TEST PIT LOCATION BY RGI IN MAY 2012
- TEST PIT LOCATION BY RGI IN MARCH 2012

NOTES:

1. BASE MAP BASED ON FIGURE 2 - SITE AND SURROUNDING AREA PREPARED BY THE RILEY GROUP, INC, AND DATED JUNE 2012 .
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO WASHINGTON STATE DEPARTMENT OF ECOLOGY TOXICS CLEANUP PROGRAM MODEL TOXICS CONTROL ACT (MTCA) METHOD A GROUNDWATER CLEANUP LEVELS.
4. MTCA METHOD A GROUNDWATER CLEANUP LEVELS EXCEEDANCES ARE HIGHLIGHTED IN YELLOW.
5. ug/l = MICROGRAMS PER LITER
6. NA = NOT ANALYZED

Groundwater Cleanup Levels	
	MTCA Method A Groundwater Cleanup Levels
	(µg/l)
Chromium	50

100 0 50 100
SCALE IN FEET

FEDEX GROUND FACILITY
CITY APPLICATION No. PRE120016
APPLICANT: SCANNELL PROPERTIES

NAME DATE
PROFESSIONAL XXXXXXXXXXXX N.J. LIC. No.XXXXX

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NEVADA VIRGINIA CALIFORNIA
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Project
PROPOSED FEDEX GROUND FACILITY
REDMOND WASHINGTON

Drawing Title
GROUNDWATER SAMPLE LOCATION AND RESULTS MAP

Project No. 731594301	Drawing No. 5
Date 06/11/2012	
Scale 1" = 100'	
Drn. By EB	
Last Revised 06/13/2012	Of

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Filename: \\langan.com\data\SF\data3\731594301\Cadd Data – 731594301\Figure 5 – GW Tag Map.dwg Date: 6/20/2012 Time: 19:52 User: ebourbon Style Table: Langan.stb Layout: D Size Sheet (Bottom)

APPENDIX A
PREVIOUS REPORTS

Critical Areas Report

TAYLOR UNION HILL PROPERTY
REDMOND, WASHINGTON

Prepared for:
Scannell Properties
Attn: Jill Marcotte
800 E. 96th Street, Suite 175
Indianapolis, IN 46240

Prepared by:

THE WATERSHED COMPANY
750 SIXTH STREET SOUTH
KIRKLAND WA 98033

February 7, 2012

TABLE OF CONTENTS

INTRODUCTION 1

EXISTING CONDITIONS 1
Project Vicinity 1

Project description 2

Site Description 2

METHODS 2

MITIGATION RECOMMENDATIONS 3

Findings 3

Local Regulations 6

Figure 1 2

Figure 2 4

Figure 3 5

Figure 4 5

Figure 5 6

Appendix A: References

Appendix B: Wetland Determination Forms

Appendix C: Original and Revised Surface Mining Permits

Appendix D: U.S. Fish and Wildlife Service National Wetland Inventory Map

Appendix E: Natural Resource Conservation Service Soil Map

Appendix F: City of Redmond Critical Areas Map

Appendix G: Site Survey Map

TAYLOR UNION HILL PROPERTY
CRITICAL AREAS REPORT
REDMOND, WASHINGTON

INTRODUCTION

On March 27 and 28, 2007, Senior Ecologist Hugh Mortensen PWS, and Ecologists Nell Lund and Mike Foster conducted a wetland evaluation study on a 54-acre parcel south of Union Hill Road in the City of Redmond. On February 6, 2012, Hugh Mortensen made an additional site visit to evaluate current conditions on the southern approximately 22-acres of the 54-acre site. This report documents the findings of the wetland evaluation of the southern parcel.

EXISTING CONDITIONS

Project Vicinity

The study area is located north of the end of 188th Place NE in the City of Redmond, Washington. It is within the Urban Growth Boundary (UGB) and within the Cedar/Sammamish River Watershed (WRIA 8).

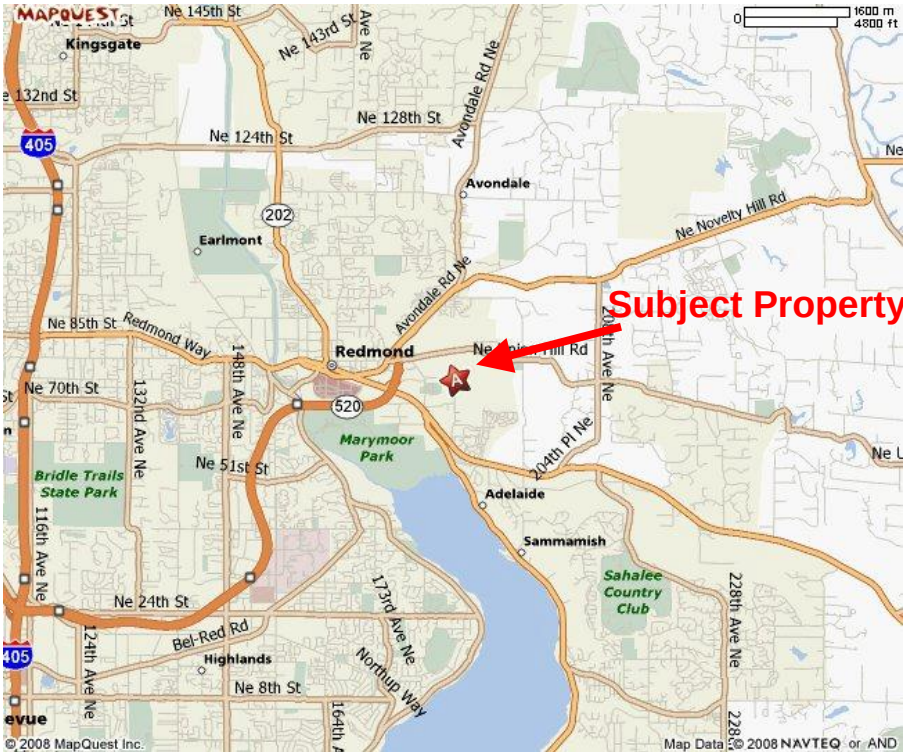




FIGURE 1. Vicinity map and aerial photograph (from MapQuest.com) of subject site.

PROJECT DESCRIPTION

The proposed project would construct a warehouse and attendant parking, drainage and other infrastructure.

SITE DESCRIPTION

This site has been used as a gravel mine since the early 1970's and the original soil surface was approximately 100 feet above the current ground level. Some mining persists, but little material remains to be extracted. Other uses include bulk materials stockpiling, mixing and distribution, some container storage, a portable office building, and a system of surface water management ponds, ditches, pipes and other constructed water features. Most of the site is overlain with gravel, asphalt grindings and some asphalt paving. Weedy vegetation persists along the site boundaries with one grassy patch in the northeast corner of the study area.

Two ditches and one water quality pond are found within the study area (see below for further information on these features).

METHODS

The subject property was evaluated for wetlands using methodology from the *Washington State Wetlands Identification and Delineation Manual* (Manual) (Washington Department of Ecology [Ecology] 1997). The presence or absence of wetlands was determined on the basis of an examination of vegetation, soils, and hydrology. Soil, vegetation, and hydrologic data were

sampled at multiple locations on the property. Data for this study was recorded at three locations.

Field observations, site descriptions provided by the landowner, wetland inventory maps and aerial photos from King County's GIS mapping website (iMAP) were used to evaluate the subject site.

The City of Redmond Critical Areas Ordinance (Redmond CAO) definition of wetlands was also reviewed for this evaluation.

MITIGATION RECOMMENDATIONS

For most projects the intent of this section is to outline avoidance and minimization efforts and to recommend general mitigation strategies to compensate for unavoidable impacts of the proposal. However, since no jurisdictional wetlands or streams are present on the site, no impacts will take place and no mitigation is proposed.

FINDINGS

Several surface water features are located on the subject site. These features show characteristics which meet the physical/biological definition of wetland. However, none of these features meet the jurisdictional definition in the City of Redmond and Washington State. Hydrophytic vegetation, hydric soils and wetland hydrology are present. Per communications with the managers of the on-going mining operations, the surface water features on the site have been and continue to be manipulated since the issuance of the mining permit (enclosed) in the early 1970's. The owners and managers of the site affirm these features were intentionally created components of the mining operation and also were created from non-wetland sites.

Further, due to the shear bulk of the mining operation the site bears no resemblance to the historic condition in terms of soils, topography, surface water, groundwater, or vegetation.

Mapped soils in the area are dominated by Everett gravelly sandy loam with moderate to very slow infiltration rates and the soil class "Pits," which refers to gravel mining areas (NRCS, 2008).

The City of Redmond Critical Areas Map (2005), King County iMAP (1990 data), and U.S. Fish and Wildlife Service Wetland Inventory Map (2008), show no mapped wetlands present within the study area boundaries.

North Pond

A small water quality pond is located just north of the northeastern corner of the study area. The pond is approximately two feet deep and is approximately 80% open water. The rest of the pond area is vegetated with emergent plants such as hardstem bulrush (*Schoenoplectus acutus*), soft rush (*Juncus effusus*), reed canarygrass (*Phalaris arundinacea*) and purple loosestrife (*Lythrum salicaria*). Patches of sitka willow (*Salix sitchensis*) are mixed with Himalayan blackberry (*Rubus armeniacus*), field grasses and red alder (*Alnus rubra*) and black cottonwood (*Populus balsamifera*) saplings around the pond perimeter.

Sampled soils around the pond are a dark grayish brown (2.5Y4/2) sandy clay loam with no redoximorphic features (RMFs). Soils below six inches were heavily compacted which prevented a deeper soil profile examination. Saturation was observed in the top six inches in this area.

Some seepage from the pond appears to emerge along the gravel road north of the northeastern corner of the study area where patches of common cattail (*Typha latifolia*), reed canarygrass and willow are found. Water is released from the pond by a valve that directs it off-site to the north. However, this is rarely needed as most of the water is used in dust control to support operation of the current use.

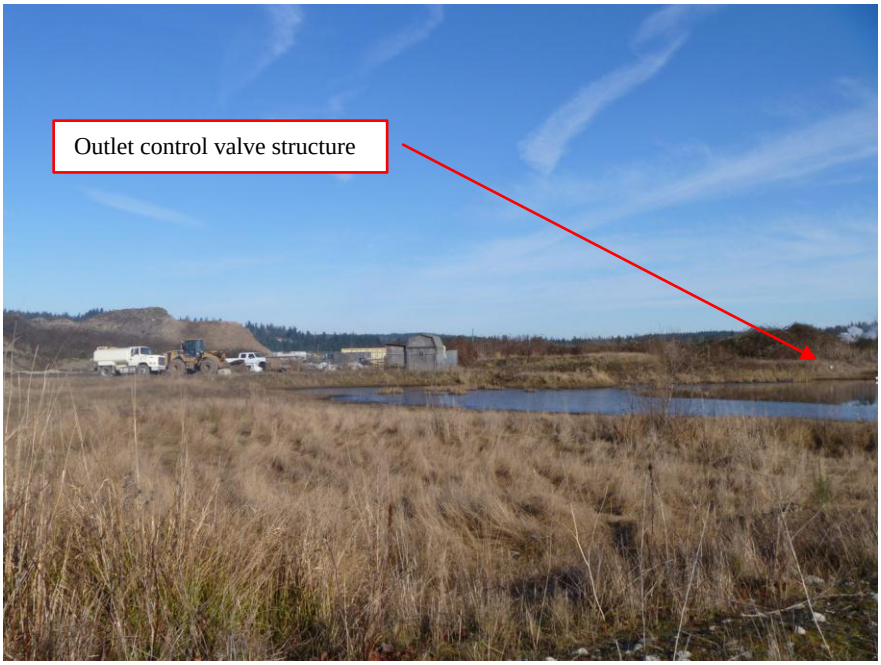


Figure 2: North pond

South Ditch

A linear ditch is located along the south border of the study area. The ditch appears to carry stormwater from the parking lot to the south and possibly some groundwater emerging at the toe of the cut slope. The groundwater may be emanating from the stormwater infiltration pond on the neighboring property to the south (see below). Water from the ditch enters a stormwater system on the eastern end. The ditch is vegetated with common cattail, reed canarygrass and Himalayan blackberry.



Figure 3: South Ditch

Off-site Infiltration Pond

An infiltration pond on the neighboring property to the south is found along the south property line. The ditch does not have persistent vegetation present other than mown grasses along the margin. Water from this pond appears to be migrating south where it is intercepted by subject-property ditches.



Figure 4: Off-Site Infiltration Pond

West Ditch
A small ditch is flows northward along the western, angled property line. The ditch is conveyed south under a gravel road in a culvert and then bends to the west. Water was flowing during the February 2012 site visit and may be coming from the off-site infiltration pond to the south. Water from the ditch enters a stormwater system in the central portion of the property. Vegetation in the ditch consists of common cattail, reed canarygrass with Scot's broom (*Cytisus scoparius*) and Himalayan blackberry along the margins.



Figure 5: West Ditch

LOCAL REGULATIONS

Section 20A.20.230 "W definitions" of the Redmond Critical Areas Ordinance (CAO) defines wetlands consistent with the Washington State wetland definition, which reads as follows (emphasis added):

> *Wetlands means areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas.* ***Wetlands do not include those artificial wetlands intentionally created from nonwetland sites, including, but not limited to, irrigation and drainage ditches, grasslined swales, canals, detention facilities, wastewater treatment facilities, farm ponds, and landscape amenities,*** *or those wetlands created after July 1, 1990, that were unintentionally created as a result of the construction of a road, street, or highway. Wetlands may include those artificial wetlands intentionally created from nonwetland areas created to mitigate conversion of wetlands.*

Furthermore, Section 20A.20.230 "A" definitions of the Redmond CAO defines artificial wetlands as follows (emphasis added):

> ***Wetlands created from non-wetland sites through purposeful, legally authorized human action such as*** *irrigation and drainage ditches, grass-lined swales, canals,* ***detention facilities, wastewater treatment facilities****, farm ponds, and landscape amenities.*

The surface water features that are located on the subject site, which receive continuing maintenance, were intentionally created from non-wetland sites in a legally authorized manner, and are therefore not regulated under Redmond CAO.

Please note that the findings of this report are subject to the verification and agreement of local, state and/or federal regulatory authorities.

APPENDIX A

REFERENCES

REFERENCES

City of Redmond. 2007. Critical Areas Ordinance Chapters 20A.20 & 20D.140.30.

Critical Areas Map. City of Redmond. March 24, 2008.
< http://www.ci.redmond.wa.us/cityservices/maps/wetlands.pdf>.

Munsell Color. 1992. Munsell Soil Color Charts.

King County iMAP. King County GIS Center. March 21, 2008.
< http://www.metrokc.gov/gis/Mapportal/iMAP_main.htm>.

State of Washington Board of Natural Resources. Permit No. 10243 & 11588. January 1, 1971 & March 1, 1977, respectively.

U.S. Army Corps of Engineers. April 2007. DRAFT Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys and Coast Region. 120 pp.

U.S. Army Corps of Engineers. January 1987. Wetlands Delineation Manual. 92 pp. plus appendices.

Washington Department of Ecology. 1997. Washington State Wetlands Identification and Delineation Manual. Ecology Publication #96-94. 88 pp. plus appendices.

Washington Department of Ecology. August 2004, version 2. Wetland Rating Form – Eastern Washington. Ecology Publication #04-06-15. 19 pp.

Web Soil Survey. United States Department of Agriculture Natural Resource Conservation Service. March 21, 2008.
< http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.

APPENDIX B

WETLAND DETERMINATION FORMS

WETLAND DETERMINATION DATA FORM

THE WATERSHED COMPANY

750 Sixth Street South
Kirkland, Washington 98033
(425) 822-5242 Fax (425) 827-8136

WETLAND? YES (NO)

Date: March 27, 2007 Data point: DP-4 Wetland # :
Project Name: Taylor Property Data point location: SE corner of pond on east property line.
Biologist(s): NL, MF

Do normal environmental conditions exist? (YES) NO
Has vegetation, soils &/or hydrology been significantly disturbed within the past 5 yrs? (YES) NO

VEGETATION

Stratum: T=tree, S=shrub, H=herb, V=vine

Dominant Species	Stratum	WIS	Other Species	Stratum	WIS
Salix sitchensis	S	FACW	*Rubus armeniacus*	S	FACU
Poa sp.	H	FAC	*Equisetum telmateia*	H	FACW

Percent of dominant species that are FAC, FACW or OBL 100%

Vegetation criteria met? (YES) NO
Notes:

SOILS

Depth	Horizon	Matrix Color	Mottles (Distinct/Prominent)	Texture
@6"*	A	2.5Y4/2	None	Sandy clay loam

Hydric Indicators:
___ Gleyed/Low Chroma
___ Sulfidic odor
___ Histosol
___ Other (list in notes)

Soil Criteria Met? YES (NO)
Notes: * Could not get down to a ten-inch depth.

HYDROLOGY

Surface saturation? (YES) NO
Depth to saturation 0"
Depth of inundation N/A
Depth to free water in pit 0"
Flow? YES NO
Channel? ____ Sheet? ____

Primary Indicators: (1 required)
___ Observation of inundation
x Observation of soil saturation
___ Water marks
___ Drift lines or drainage patterns
___ Sediment deposits

Secondary Indicators: (≥2 required)
___ Oxidized root channels
___ Water-stained leaves
___ Local soil survey data
x FAC-neutral test

Hydrologic Criteria Met? (YES) NO

Recent rainfall: Very high (High) Normal Low Very low

Notes:

WILDLIFE OBSERVATIONS AND GENERAL NOTES

Area meets three-parameter test, but is not locally jurisdictional per RMC Section 20A.20.230.

WETLAND DETERMINATION DATA FORM

THE WATERSHED COMPANY

750 Sixth Street South
Kirkland, Washington 98033
(425) 822-5242 Fax (425) 827-8136

WETLAND? YES (*NO)

Date: March 27, 2007 Data point: DP-5 Wetland # :
Project Name: Taylor Property Data point location: SE corner of study site.
Biologist(s): NL, MF

Do normal environmental conditions exist? (YES) NO
Has vegetation, soils &/or hydrology been significantly disturbed within the past 5 yrs? YES (NO)

VEGETATION

Stratum: T=tree, S=shrub, H=herb, V=vine

Dominant Species	Stratum	WIS	Other Species	Stratum	WIS
Juncus effusus	H	FACW	*Rubus armeniacus*	S	FACU
Carex obnupta	H	OBL	*Lotus corniculatus*	H	FAC
Poa sp.	H	FAC	*Geranium sp.*	H	N/A

Percent of dominant species that are FAC, FACW or OBL 100%

Vegetation criteria met? (YES) NO
Notes: 6-8 year-old willows in wetland area.

SOILS

Depth	Horizon	Matrix Color	Mottles (Distinct/Prominent)	Texture
@6"	B	Gley 1 5GY5/1	10YR4/4	Silty clay

Hydric Indicators:
- x Gleyed/Low Chroma
- ____ Sulfidic odor
- ____ Histosol
- ____ Other (list in notes)

Soil Criteria Met? (YES) NO
Notes: * Could not dig deeper than six inches, cobbles present.

HYDROLOGY

Surface saturation? (YES) NO
Depth to saturation 0"
Depth of inundation ½"
Depth to free water in pit 0"
Flow? YES NO
Channel? ____ Sheet? ____

Primary Indicators: (1 required)
- x Observation of inundation
- x Observation of soil saturation
- ____ Water marks
- ____ Drift lines or drainage patterns
- ____ Sediment deposits

Secondary Indicators: (≥2 required)
- ____ Oxidized root channels
- ____ Water-stained leaves
- ____ Local soil survey data
- x FAC-neutral test

Hydrologic Criteria Met? (YES) NO

Recent rainfall: Very high (High) Normal Low Very low

Notes:

WILDLIFE OBSERVATIONS AND GENERAL NOTES

Area meets three-parameter test, but is not locally jurisdictional per RMC Section 20A.20.230.

WETLAND DETERMINATION DATA FORM

THE WATERSHED COMPANY

750 Sixth Street South
Kirkland, Washington 98033
(425) 822-5242 Fax (425) 827-8136

WETLAND? YES (* NO)

Date: March 27, 2007 Data point: DP-6 Wetland # :
Project Name: Taylor Property Data point location: North of DP-5, SE corner of study site.
Biologist(s): NL, MF

Do normal environmental conditions exist? (YES) NO
Has vegetation, soils &/or hydrology been significantly disturbed within the past 5 yrs? (YES) NO

VEGETATION

Stratum: T=tree, S=shrub, H=herb, V=vine

Dominant Species	Stratum	WIS	Other Species	Stratum	WIS
Juncus effusus	H	FACW	*Lotus corniculatus*	H	FAC
Phalaris arundinacea	H	FACW			
Poa sp.	H	FAC			
Rumex crispus	H	FAC+			

Percent of dominant species that are FAC, FACW or OBL 100%

Vegetation criteria met? (YES) NO
Notes: Salix species in general area.

SOILS

Depth	Horizon	Matrix Color	Mottles (Distinct/Prominent)	Texture
@10"	B	5Y5/2	10YR4/3	Sandy gravelly loam

Hydric Indicators:
___ Gleyed/Low Chroma
___ Sulfidic odor
___ Histosol
___ Other (list in notes)

Soil Criteria Met? (YES) NO
Notes:

HYDROLOGY

Surface saturation? (YES) NO
Depth to saturation 0"
Depth of inundation 1"
Depth to free water in pit 0"
Flow? YES NO
Channel? ____ Sheet? ____

Primary Indicators: (1 required)
x Observation of inundation
x Observation of soil saturation
___ Water marks
___ Drift lines or drainage patterns
___ Sediment deposits

Secondary Indicators: (≥2 required)
___ Oxidized root channels
___ Water-stained leaves
___ Local soil survey data
x FAC-neutral test

Hydrologic Criteria Met? (YES) NO

Recent rainfall: Very high (High) Normal Low Very low

Notes:

WILDLIFE OBSERVATIONS AND GENERAL NOTES

Area meets three-parameter test, but is not locally jurisdictional per RMC Section 20A.20.230.

WETLAND DETERMINATION DATA FORM

THE WATERSHED COMPANY

750 Sixth Street South
Kirkland, Washington 98033
(425) 822-5242 Fax (425) 827-8136

WETLAND? ***YES*** ****NO***

Date: March 27, 2007 Data point: DP-7 Wetland # :
Project Name: Taylor Property Data point location: Roadside at south end.
Biologist(s): NL, MF

Do normal environmental conditions exist? (YES) NO
Has vegetation, soils &/or hydrology been significantly disturbed within the past 5 yrs? YES (NO)

VEGETATION

Stratum: T=tree, S=shrub, H=herb, V=vine

Dominant Species	Stratum	WIS	Other Species	Stratum	WIS
Poa sp.	H	FAC	*Rubus armeniacus*	S	FACU
Lotus corniculatus	H	FAC			

Percent of dominant species that are FAC, FACW or OBL 100%

Vegetation criteria met? (YES) NO
Notes: Soft rush ~ 50 feet away in ditch.

SOILS

Depth	Horizon	Matrix Color	Mottles (Distinct/Prominent)	Texture
@10"	B	Gley 1 10Y4/1	10YR3/4	Sandy clay loam

Hydric Indicators:
x Gleyed/Low Chroma
____ Sulfidic odor
____ Histosol
____ Other (list in notes)

Soil Criteria Met? (YES) NO
Notes:

HYDROLOGY

Surface saturation? (YES) NO
Depth to saturation 0"
Depth of inundation N/A
Depth to free water in pit 0"
Flow? YES NO
Channel? ____ Sheet? ____

Primary Indicators: (1 required)
*x Observation of inundation
x Observation of soil saturation
____ Water marks
____ Drift lines or drainage patterns
____ Sediment deposits

Secondary Indicators: (≥2 required)
____ Oxidized root channels
____ Water-stained leaves
____ Local soil survey data
____ FAC-neutral test

Hydrologic Criteria Met? (YES) NO

Recent rainfall: Very high (High) Normal Low Very low

Notes: Nearby ponding in wheel rutts, ditch.

WILDLIFE OBSERVATIONS AND GENERAL NOTES

****Area meets three-parameter test, but is not locally jurisdictional per RMC Section 20A.20.230.***

APPENDIX C

ORIGINAL AND REVISED SURFACE MINING PERMITS

STATE OF WASHINGTON
BOARD
of
NATURAL RESOURCES
Olympia, Wa. 98504

RECEIVED
APR 17 1995
N & H PACIFIC

SURFACE MINING PERMIT

Operator: Cadman Gravel Company

Address: 18816 N.E. 80th Box 538

Redmond, WA 98052

Pursuant to RCW 78.44 (Chapter 64, Laws of 1970) an OPERATING permit is hereby granted to the above-named operator to engage in surface mining on the property described in the application and material on file under this permit. The total area to be disturbed by surface mining, including the deposition of surface mining refuse, shall be in accordance with the reclamation plan filed with and approved by the Board of Natural Resources under this permit.

Term

This permit shall be in effect from the date of issuance and shall remain in effect so long thereafter as the operator pays the annual basic fee of $25 per site and the additional acreage fee if applicable, complies with the Surface-Mined Land Reclamation Act and the rules and regulations promulgated thereunder, complies with the reclamation plan, and maintains a performance bond as required by the Act.

Change or Modification of Reclamation Plan

The operator shall obtain written approval from the Board prior to any change or departure from the approved reclamation plan. The reclamation plan may be modified as provided in RCW 78.44.100 at any time during the term of the permit after timely notice and opportunity for hearing.

Transfer of Permits

The transfer of this permit to another operator through sale, assignment, lease, or otherwise shall not be made unless approved in writing by the Board. A transfer shall not be approved unless the successor operator assumes all duties of the former operator to complete the reclamation of the land and the Board approves the successor operator's bond.

Bonds

A performance bond in the amount of ten thousand ($10,000.00) Dollars shall be submitted to and approved by the Board prior to commencement of surface mining. The operator may submit a cash deposit or an assignment of a savings account in the amount specified in lieu of a performance bond. The amount of the bond shall be subject to adjustment annually, based on the number of acres to be surface mined and the number of acres to be reclaimed.

Penalties

This permit may be suspended, cancelled, or revoked if the operator violates any of the applicable requirements set forth in the Act or the rules and regulations promulgated pursuant thereto, or if the operator fails to conduct his operations as specified in the approved reclamation plan.

The operator shall be guilty of a gross misdemeanor for conducting surface mining without a valid operating permit. Each day of operation without a valid operating permit constitutes a separate offense.

Issued this 1st day of March, 19 77.

BERT L. COLE, Secretary
Board of Natural Resources

BY Donald M. Ford

Donald M. Ford
Assistant Supervisor
Division of Geology and Earth Resources

SM-9 4/72

Permit No. 11588

STATE OF WASHINGTON
BOARD
of
NATURAL RESOURCES
P.O. Box 168 Olympia, Wa 98501

SURFACE MINING PERMIT

Operator: Cadman Gravel Company

Address: 18816 Union Hill Road (P. O. Box 538)

Redmond, WA 98052

Pursuant to RCW 78.44 (Chapter 64, Laws of 1970) an OPERATING permit is hereby granted to the above-named operator to engage in surface mining on the property described in the application and material on file under this permit. The total area to be disturbed by surface mining, including the deposition of surface mining refuse, shall be in accordance with the reclamation plan filed with and approved by the Board of Natural Resources under this permit, and in accordance with Exhibit "A" attached hereto and made a part of this permit.

Term

This permit shall be in effect from the date of issuance and shall remain in effect so long thereafter as the operator pays the annual basic fee of $25 per site and the additional acreage fee if applicable, complies with the Surface-Mined Land Reclamation Act and the rules and regulations promulgated thereunder, complies with the reclamation plan, and maintains a performance bond as required by the Act.

Change or Modification of Reclamation Plan

The operator shall obtain written approval from the Board prior to any change or departure from the approved reclamation plan. The reclamation plan may be modified as provided in RCW 78.44.100 at any time during the term of the permit after timely notice and opportunity for hearing.

Transfer of Permits

The transfer of this permit to another operator through sale, assignment, lease, or otherwise shall not be made unless approved in writing by the Board. A transfer shall not be approved unless the successor operator assumes all duties of the former operator to complete the reclamation of the land and the Board approves the successor operator's bond.

Bonds

A performance bond in the amount of Two Thousand ($ 2,000.00) Dollars shall be submitted to and approved by the Board prior to commencement of surface mining. The operator may submit a cash deposit or an assignment of a savings account in the amount specified in lieu of a performance bond. The amount of the bond shall be subject to adjustment annually, based on the number of acres to be surface mined and the number of acres to be reclaimed.

Penalties

This permit may be suspended, cancelled, or revoked if the operator violates any of the applicable requirements set forth in the Act or the rules and regulations promulgated pursuant thereto, or if the operator fails to conduct his operations as specified in the approved reclamation plan.

The operator shall be guilty of a gross misdemeanor for conducting surface mining without a valid operating permit. Each day of operation without a valid operating permit consrituies a separate offense.

Issued this 1st day of January, 19 71.

See Decision (Right)

BERT L. COLE, Secretary
Board of Natural Resources

BY Donald M. Ford

Donald M. Ford
Assistant Supervisor: Reclamation
Division of Mines and Geology

SM-9 2/71

Permit No. 10243

EXHIBIT "A"

Cadman Gravel Co.

Operating Permit No. 10243

September 9, 1971

(1) All slopes shall not exceed 2' horizontal to 1' vertical. Where the site abuts other surface mining sites, slopes shall be compatible with the abutting site, but not to exceed 1.5 horizontal to 1 vertical.

(2) A minimum setback of 25 feet shall be maintained between the top of all slopes and adjoining property. Where the site abuts other surface mining sites, the setback requirement is waived. However, the final configuration of pit floors and slopes shall be compatible with those of the adjoining sites.

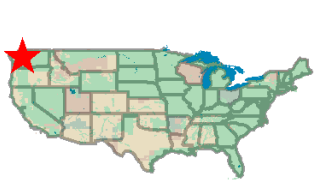
2

APPENDIX D

U.S. FISH AND WILDLIFE SERVICE NATIONAL WETLAND INVENTORY MAP

Taylor Development Property





Legend

CONUS_wet_scan

- 0
- 1
- Out of range

Interstate

Major Roads

- Other Road
- Interstate
- State highway
- US highway

Roads

Cities

USGS Quad Index 24K

Lower 48 Wetland Polygons

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Lower 48 Available Wetland Data

- Non-Digital
- Digital
- No Data
- Scan

NHD Streams

Counties 100K

States 100K

South America

North America

N

Scale: 1:6,694

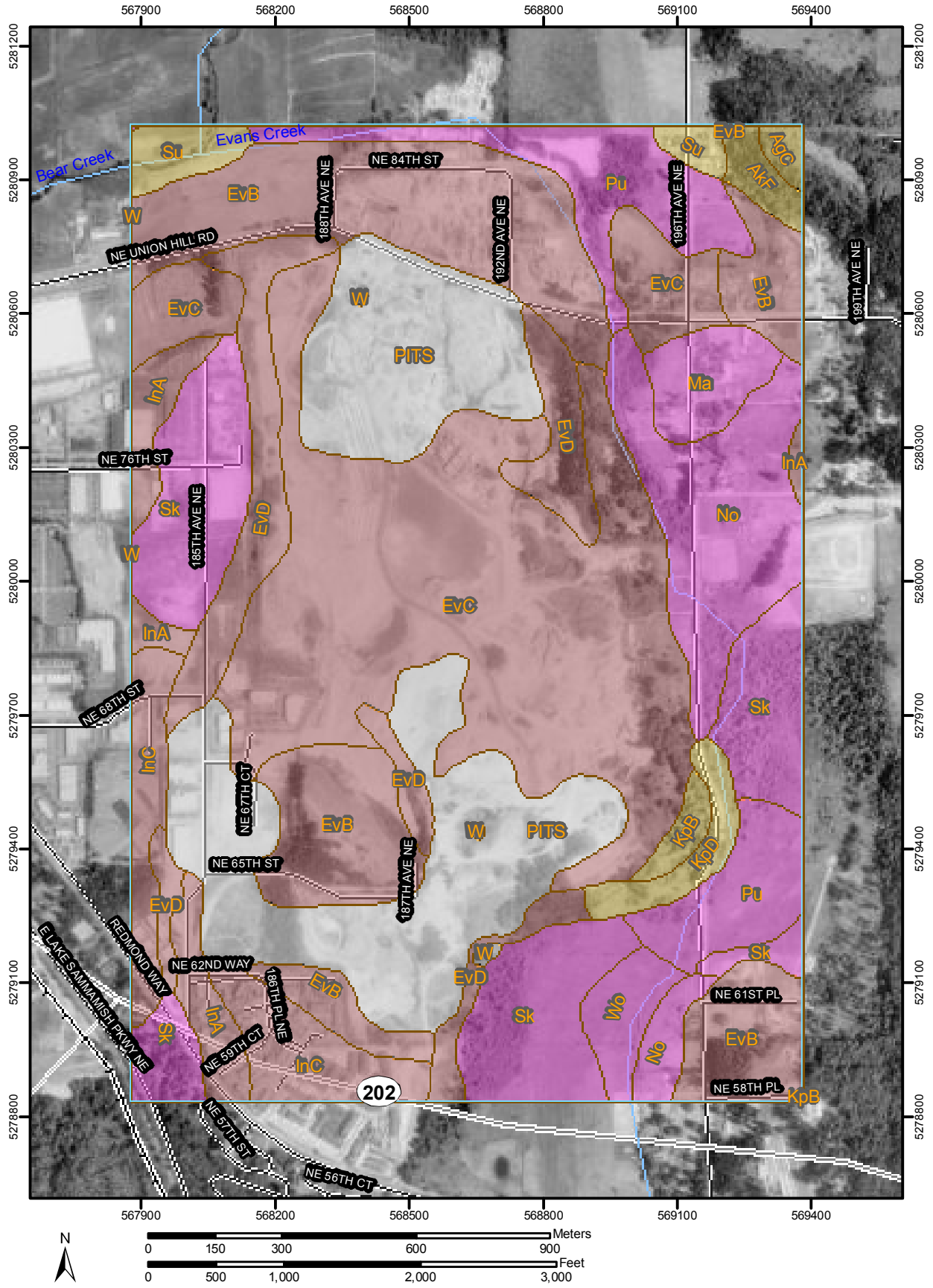
Map center: 47° 40' 26.0" N, 122° 5' 34.1" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

APPENDIX E

NATURAL RESOURCE CONSERVATION SERVICE SOIL MAP

Hydrologic Soil Group–King County Area, Washington
(Taylor Development Property)



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Soil Ratings
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Political Features

Municipalities
- Cities
- Urban Areas

Water Features
- Oceans
- Streams and Canals

Transportation
- Rails

Roads
- Interstate Highways
- US Routes
- State Highways
- Local Roads
- Other Roads

MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 10N

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: King County Area, Washington
Survey Area Data: Version 4, Nov 21, 2006

Date(s) aerial images were photographed: 7/18/1990

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — King County Area, Washington				
Map unit symbol	**Map unit name**	**Rating**	**Acres in AOI**	**Percent of AOI**
AgC	Alderwood gravelly sandy loam, 6 to 15 percent slopes	C	2.7	0.3%
AkF	Alderwood and Kitsap soils, very steep	C	5.3	0.7%
EvB	Everett gravelly sandy loam, 0 to 5 percent slopes	A	130.3	16.0%
EvC	Everett gravelly sandy loam, 5 to 15 percent slopes	A	194.6	23.9%
EvD	Everett gravelly sandy loam, 15 to 30 percent slopes	A	52.3	6.4%
InA	Indianola loamy fine sand, 0 to 4 percent slopes	A	22.1	2.7%
InC	Indianola loamy fine sand, 4 to 15 percent slopes	A	33.5	4.1%
KpB	Kitsap silt loam, 2 to 8 percent slopes	C	4.3	0.5%
KpD	Kitsap silt loam, 15 to 30 percent slopes	C	9.5	1.2%
Ma	Mixed alluvial land	D	13.9	1.7%
No	Norma sandy loam	D	53.7	6.6%
PITS	Pits		132.9	16.3%
Pu	Puget silty clay loam	D	49.4	6.1%
Sk	Seattle muck	D	87.1	10.7%
Su	Sultan silt loam	C	10.9	1.3%
W	Water		1.0	0.1%
Wo	Woodinville silt loam	D	10.1	1.2%
Totals for Area of Interest (AOI)			813.6	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

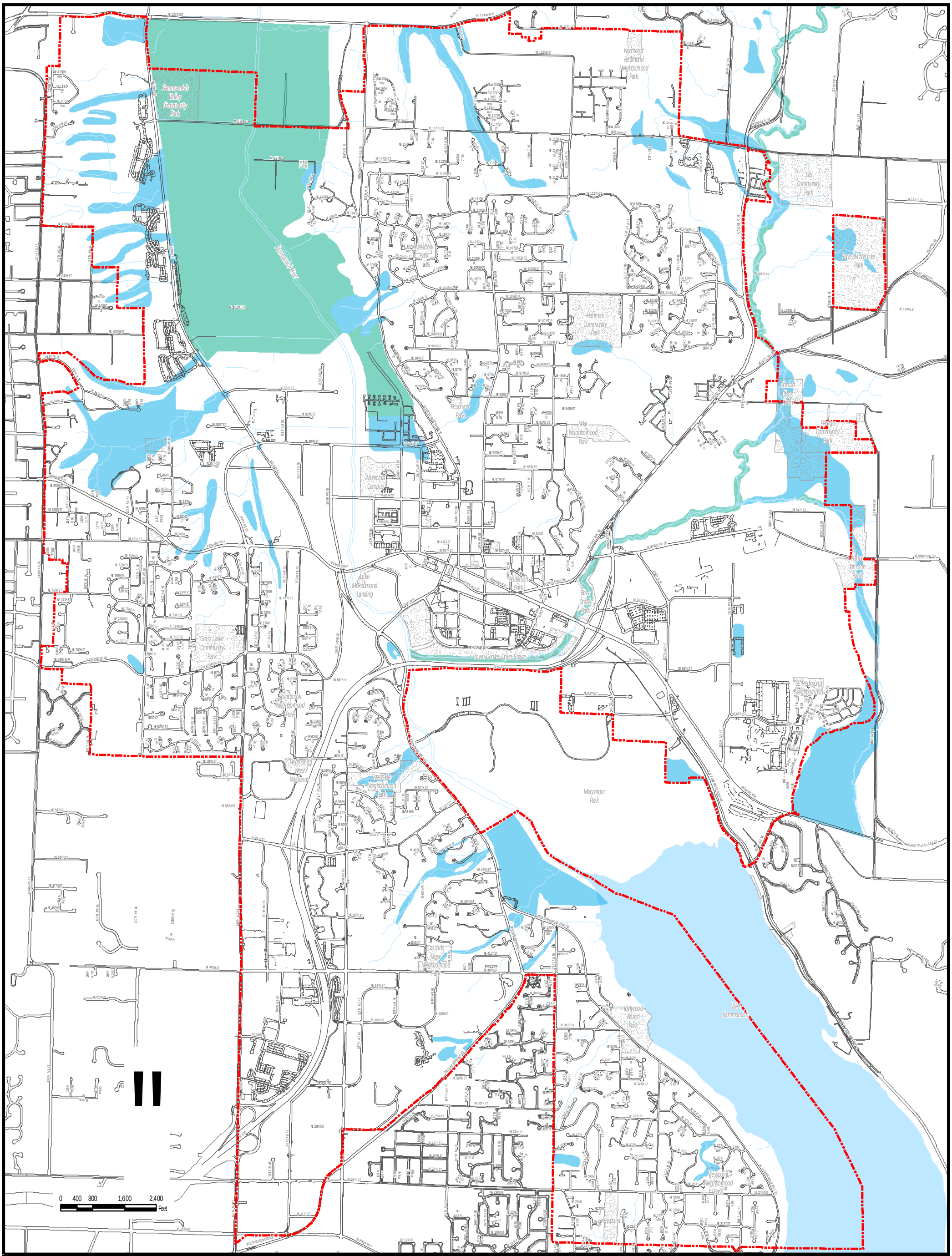
Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

APPENDIX F

CITY OF REDMOND CRITICAL AREAS MAP



City of Redmond

Critical Areas Map

Effective: 5/28/2005

Wetlands

Legend:

- Mixed Wetland / Upland
- Wetland
- Redmond City Limits

Sources:
USGS National Wetland Inventory
Aerial Photo Interpretation
SCS Soil Survey
City of Redmond

Note:
This map shall be used as a general guide. It represents the approximate location of streams. Consult the Sensitive Areas Ordinance (SAO) for reporting requirements. In the event there is a conflict between the map and the criterial or standards of the SAO, the criteria shall prevail.

Produced: February 2005
h:\gisdata\projects\SAOUpdate2004\wetlands11x17.mxd

APPENDIX G

SITE SURVEY MAP

UNION HILL RD. NE

NE 76th St.

North Pond (off-site)

West Ditch

South Ditch

Off-site Infiltration Pond

THE WATERSHED COMPANY
750 Sixth Street South
Kirkland WA 98033
p 425.822.5242 f 425.827.8136

LEGEND

- PROPERY LINE
- WATER PIPE
- STORM WATER PIPE
- UTILITY
- FENCE
- POND
- GRAVEL ROAD

VICINITY MAP FOR PARCELS 0725069129 & 12863000101

REDMOND, WA

* RCDG APPENDIX 20D-2, SECTION 1, J IS UNABLE TO BE MET DUE TO THE CONSIDERABLE SIZE OF THE PROPERTY

SCALE: 1" = 200'-0" *

0 100' 200

SHEET NUMBER:
1 of 1

GEOTECHNICAL ENGINEERING REPORT

PREPARED BY:

THE RILEY GROUP, INC.
17522 BOTHELL WAY NORTHEAST
BOTHELL, WASHINGTON 98011

PREPARED FOR:

SCANNELL PROPERTIES
800 EAST 96TH STREET, SUITE 175
INDIANAPOLIS, WASHINGTON 46240

RGI PROJECT NO. 2012-088

GEOTECHNICAL ENGINEERING REPORT

REDMOND FEDEX DISTRIBUTION CENTER
188TH AVENUE NORTHEAST AND
NORTHEAST 73RD STREET
REDMOND, WASHINGTON

APRIL 2, 2012

April 2, 2012

Ms. Jill Marcotte
Scannell Properties
800 East 96th Street, Suite 175
Indianapolis, Washington 46240

Subject: **Geotechnical Engineering Report**
Redmond FedEx Distribution Center
188th Avenue Northeast and Northeast 73rd Street
Redmond, Washington
Project No. 2012-088

Dear Ms. Marcotte:

As requested, The Riley Group, Inc. (RGI) is providing this Geotechnical Engineering Report (GER) for the above-referenced subject site. Our services were completed in accordance with our proposal PRP2012-042 dated February 7, 2012 and authorized by Ms. Jill Marcotte with Scannell Development Company d/b/a Scannell Properties on February 10, 2012. The information in this report is based on our understanding of the proposed construction, and the soil and groundwater conditions encountered in the test pits and borings completed by RGI at the site on March 6, 8 and 9, 2012.

We recommend that you submit the project plans and specifications to RGI for a general review so that we may confirm that the recommendations in this report are interpreted and implemented properly in the construction documents. We also recommend that a representative of our firm be present on site during portions of the project construction to confirm that the soil and groundwater conditions are consistent with those that form the basis for the engineering recommendations in this report.

We trust the information presented is sufficient for your current needs. If you have any questions or require additional information, please contact us.

Respectfully submitted,

THE RILEY GROUP, INC.



Kristina M. Weller, P.E.
Senior Project Engineer 4/2/12

Ricky R. Wang, Ph.D., P.E.
Principal Engineer

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 PROJECT DESCRIPTION 1

3.0 FIELD EXPLORATION AND LABORATORY TESTING 1
3.1 FIELD EXPLORATION 1
3.2 LABORATORY TESTING 2

4.0 SITE CONDITIONS 2
4.1 SURFACE 2
4.2 SOILS 2
4.3 GROUNDWATER 3
4.4 SEISMIC CONSIDERATIONS 3
4.5 GEOLOGIC HAZARD AREAS 4

5.0 DISCUSSION AND RECOMMENDATIONS 4
5.1 GEOTECHNICAL CONSIDERATIONS 4
5.2 EARTHWORK 4
5.2.1 Erosion and Sediment Control 4
5.2.2 Stripping 5
5.2.3 Excavations 5
5.2.4 Site Preparation 6
5.2.5 Structural Fill 7
5.2.6 Cut and Fill Slopes 8
5.2.7 Wet Weather Construction Considerations 9
5.3 FOUNDATIONS 9
5.4 RETAINING WALLS 10
5.5 SLAB-ON-GRADE CONSTRUCTION 11
5.6 DRAINAGE 11
5.6.1 Surface 11
5.6.2 Subsurface 11
5.6.3 Infiltration 12
5.7 UTILITIES 12
5.8 PAVEMENTS 12
5.8.1 Flexible Pavements 12
5.8.2 Concrete Pavements 13

6.0 ADDITIONAL SERVICES 13

7.0 LIMITATIONS 13

LIST OF APPENDICES

Figure 1 ..... Site Vicinity Map
Figure 2 ..... Geotechnical Exploration Plan
Figure 3 ..... Typical Retaining Wall Drainage Detail
Figure 4 ..... Typical Footing Drain Detail
Appendix A ..... Field Exploration and Laboratory Testing

Executive Summary

This Executive Summary should be used in conjunction with the entire report for design and/or construction purposes. It should be recognized that specific details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein. The Limitations section should be read for an understanding of the report limitations.

RGI's geotechnical scope of work included the advancement of 30 test pits to a maximum depth of 18 feet and 10 borings from 15 to 50 feet in depth.

Based on the information obtained from our subsurface exploration, the site is suitable for development of the proposed project. The following geotechnical considerations were identified:

Soil Conditions: The soils encountered during field exploration include previously placed fill comprised of silty sand with varying amounts of gravel and sandy silt with varying amounts of gravel, with localized areas of silty sandy gravel, gravelly sand with some silt, and silt. The fill soils were characterized by their disturbed appearance and trace amounts of concrete, asphalt, wood, plastic, glass, and organic debris. Soils with high organic content were encountered to a depth up to 4 feet at Test Pits TP-120, TP-121, TP-122, and TP-124 that is unsuitable for structural fill, and should be removed. Additionally, a soil stockpile south of TP-119 appears to be comprised of unsuitable material and should not be used as structural fill.

Groundwater: Light groundwater seepage was encountered in the upper 1.5 feet at six test pit locations that appear to be consistent with seasonal perched groundwater collected in loose surface soils and recycled asphalt and concrete covering many surface areas. Zones of possible groundwater seepage were encountered at B-1 that appears to be perched in more permeable layers in the fill. Heavy groundwater seepage was encountered from 4 to 5.5 feet at TP-103 in a zone of native sand. Groundwater was encountered at depths of 45.5 to 50 feet at B-1 and B-2. Static groundwater level was measured at about 41 feet at B-1. Surface water was encountered in the onsite ponds and ditches, in many areas on the surface from recent rains and in the low area north of the proposed building.

Foundations: Foundations for the proposed building may be supported on conventional spread footings bearing on structural fill. Loose, organic, or other unsuitable soils will be encountered in the proposed building footprint. If unsuitable soils are encountered, they should be overexcavated to at least two feet below the foundation subgrade elevations and backfilled with structural fill.

Slab-on-grade: Suitable support for slab-on-grade construction should be provided in the fill areas of the site. In areas where the slab subgrade is near or below existing grades, the soil should be evaluated by proofrolling as described in section 5.2.4 Site Preparation. We anticipate areas of overexcavation and moisture condition of the soils will be necessary.

Flexible Pavements: The following flexible pavement sections are recommended:

- **For heavy truck traffic areas**: Seven inches of asphalt concrete (AC) over ten inches of crushed rock base (CRB)
- **For general parking areas**: Three inches of AC over six inches of CRB

Rigid Pavements The following rigid concrete sections may be used

- **For heavy truck traffic and loading dock areas**: Eight inches of concrete over four inches of CRB

The Executive Summary is intended to be used in conjunction with the complete text of the enclosed report.

1.0 Introduction

This report presents the results of the geotechnical engineering services provided for the Redmond FedEx Distribution Center in Redmond, Washington. The purpose of this evaluation is to assess subsurface conditions and provide geotechnical recommendations in support of the construction of a warehouse distribution center. Our scope of services included field explorations, laboratory testing, engineering analyses, and preparation of this report.

The recommendations in the following sections of this report are based upon our current understanding of the proposed site development as outlined below. If actual features vary or changes are made, we should review them in order to modify our recommendations as required. In addition, RGI requests to review the site grading plan, final design drawings and specifications when available to verify that our project understanding is correct and that our recommendations have been properly interpreted and incorporated into the project design and construction.

2.0 Project description

The project site is located at 188th Avenue Northeast and Northeast 73rd Street in Redmond, Washington. The approximate location of the site is shown on the Site Vicinity Map, Figure 1.

Based on the preliminary site plans, the property is to be developed with a distribution warehouse with associated drive aisles and trailer parking. Employee parking areas are proposed to the north and south of the proposed building.

At the time of preparing this report, building plans were not available for our review. Based on our experience with similar construction, we anticipate that the proposed building will be supported on perimeter walls with bearing loads of four to eight kips per linear foot, and a series of columns with a maximum load up to 200 kips. Slab-on-grade floor loads of 350 pounds per square foot (psf) are expected.

3.0 Field Exploration and Laboratory Testing

3.1 Field Exploration

On March 6, 2012, RGI observed the excavation of 30 test pits and on March 8 and 9, 2012 the drilling of 10 borings. The approximate exploration locations are shown on Figure 2.

Field logs of each exploration were prepared by the geologist who continuously observed the excavation and drilling. These logs included visual classifications of the materials encountered during explorations as well as our interpretation of the subsurface conditions between samples. The test pits and borings logs included in Appendix A represent an interpretation of the field logs and include modifications based on laboratory observation and analysis of the samples.

3.2 LABORATORY TESTING

During the field investigation, a representative portion of each recovered sample was sealed in containers and transported to our laboratory for further visual and laboratory examination. Selected samples retrieved from the test pits and borings were tested for moisture content, grain-size analysis, and California Bearing Ratio (CBR) to aid in soil classification and provide input for the recommendations provided in this report. The results and descriptions of the laboratory tests are enclosed in Appendix A.

4.0 Site Conditions

4.1 SURFACE

The subject site is an irregular-shaped parcel of land approximately 20 acres in size. The site is bound to the north by undeveloped land currently in use by Red-E Topsoils for stockpiles of soil and topsoil processing, to the east by the 188th Avenue Northeast and undeveloped land owned by Cadman and used for soil and material stockpiles, to the south by commercial properties, and to the west by a commercial buildings and vacant land.

The existing site is vacant land covered by gravel or dirt with areas of soil stockpiles. Some areas are vegetated with grasses and small trees. The site generally slopes down from the southeast to the northwest with approximately 10 feet of grade change across the site. A 35-foot-high, 2H:1V (Horizontal:Vertical) slope exists on the western side of the site.

4.2 SOILS

The soils encountered during field exploration include previously placed fill comprised of silty sand with varying amounts of gravel and sandy silt with varying amounts of gravel, with localized areas of silty sandy gravel, gravelly sand with some silt, and silt. The fill soils were characterized by their disturbed appearance and trace amounts of concrete, asphalt, wood, plastic, glass, and organic debris. Soils with high organic content were encountered to a depth up to 4 feet at Test Pits TP-120, TP-121, TP-122, and TP-124 that is unsuitable for structural fill, and should be removed. Additionally, a soil stockpile south of TP-119 appears to be comprised of unsuitable material and should not be used as structural fill.

Underlying the fill at depths of 3 to 35.5 feet were native soils comprised of sand with some silt, silty sand, and silt.

More detailed descriptions of the subsurface conditions encountered are presented in the test pits and borings included as Figures A-2 through A-21 in Appendix A. Sieve analysis was performed on 13 selected soil samples. Grain size distribution curves are included in Figures A-22 through A-34.

4.3 GROUNDWATER

Light groundwater seepage was encountered in the upper 1.5 feet at six test pit locations that appear to be consistent with seasonal perched groundwater collecting in loose surface soils and recycled asphalt and concrete covering many surface areas. Zones of possible groundwater seepage were encountered at B-1 that appears to be perched in more permeable layers in the fill. Heavy groundwater seepage was encountered from 4 to 5.5 feet at TP-103 in a zone of native sand. Groundwater was encountered at depths of 45.5 to 50 feet at B-1 and B-2. Static groundwater level was measured at about 41 feet at B-1. Surface water was encountered in the onsite ponds and ditches, in many areas on the surface from recent rains and in the low area north of the proposed building.

It should be recognized that fluctuations of the groundwater table will occur due to seasonal variations in the amount of rainfall, runoff, and other factors not evident at the time the explorations were performed. In addition, perched water can develop within seams and layers contained in fill soils or higher permeability soils overlying less permeable soils following periods of heavy or prolonged precipitation. Therefore, groundwater levels during construction or at other times in the future may be higher or lower than the levels indicated on the logs. Groundwater level fluctuations should be considered when developing the design and construction plans for the project.

4.4 SEISMIC CONSIDERATIONS

Based on the 2009 International Building Code (IBC), we recommend the follow seismic parameters for design.

2009 IBC Parameter	Value
Site Soil Class[1]	D[2]
Site Latitude	47° 40’ 7.0”
Site Longitude	122° 5’ 25.0”
Short Period Spectral Response Acceleration, S_s (percent g)	121.3
1-Second Period Spectral Response Acceleration, S_1 (percent g)	40.9
Seismic Coefficient, F_A	1.015
Seismic Coefficient, F_V	1.591

1. Note: In general accordance with the *2009 International Building Code,* Table 1613.5.2. IBC Site Class is based on the average characteristics of the upper 100 feet of the subsurface profile.

2. Note: The 2009 International Building Code (IBC) requires a site soil profile determination extending to a depth of 100 feet for seismic site classification. The current scope of our services does not include the required 100-foot soil profile determination. The borings extended to a maximum depth of 50 feet, and this seismic site class definition considers that similar soil continues below the maximum depth of the subsurface exploration. Additional exploration to deeper depths would be required to confirm the conditions below the current depth of exploration.

Liquefaction is a phenomenon where there is a reduction or complete loss of soil strength due to an increase in water pressure induced by vibrations from a seismic event. Liquefaction mainly affects geologically recent deposits of fine-grained sands that are

below the groundwater table. Soils of this nature derive their strength from intergranular friction. The generated water pressure or pore pressure essentially separates the soil grains and eliminates this intergranular friction, thus reducing or eliminating the soil's strength.

We reviewed the results of the field and laboratory testing and assessed the potential for liquefaction of the site's soil during an earthquake. Because the site is underlain by glacially consolidated native soils beneath the fill and the water table is within the native dense soils, in our opinion the possibility of liquefaction during an earthquake is minimal.

4.5 GEOLOGIC HAZARD AREAS

Regulated geologically hazardous areas include erosion, landslide, earthquake, or other geological hazards. Based on the definition in the Redmond Municipal Code, the site does not contain geologically hazardous areas.

5.0 Discussion and Recommendations

5.1 GEOTECHNICAL CONSIDERATIONS

Based on our study, the site is suitable for the proposed construction from a geotechnical standpoint. Foundations for the proposed building can be supported on conventional spread footings bearing on structural fill. Slab-on-grade and pavements can be similarly supported.

Detailed recommendations regarding the above issues and other geotechnical design considerations are provided in the following sections. These recommendations should be incorporated into the final design drawings and construction specifications.

5.2 EARTHWORK

We expect earthwork will consist of cutting and filling the building and paved areas to subgrade elevations, excavating foundations, installing utilities, and preparing slab and asphalt subgrade. Currently, the proposed finish floor elevation for the building is 107 feet. A storm water detention pond is proposed for the northeast corner of the site.

5.2.1 EROSION AND SEDIMENT CONTROL

Potential sources or causes of erosion and sedimentation depend on construction methods, slope length and gradient, amount of soil exposed and/or disturbed, soil type, construction sequencing and weather. The impacts on erosion-prone areas can be reduced by implementing an erosion and sedimentation control plan. The plan should be designed in accordance with applicable city and/or county standards.

We recommend the following erosion control Best Management Practices (BMPs):

- Scheduling site preparation and grading for the drier summer and early fall months and undertaking activities that expose soil during periods of little or no rainfall;

- Retaining existing vegetation whenever feasible;
- Establishing a quarry spall construction entrance;
- Installing siltation control fencing or anchored straw or coir wattles on the downhill side of work areas;
- Covering soil stockpiles with anchored plastic sheeting;
- Revegetating or mulching exposed soils with a minimum 3 inch thickness of straw if surfaces will be left undisturbed for more than one day during wet weather or one week in dry weather;
- Directing runoff away from exposed soils and slopes;
- Minimizing the length and steepness of slopes with exposed soils and cover excavation surfaces with anchored plastic sheeting. Graded and disturbed slopes should be tracked in place with the equipment running perpendicular to the slope contours so that the track marks provide a texture to help resist erosion and channeling. Some sloughing and raveling of slopes with exposed or disturbed soil should be expected.
- Decreasing runoff velocities with check dams, straw bales or coir wattles;
- Confining sediment to the project site; and
- Inspecting and maintaining erosion and sediment control measures frequently. The contractor should be aware that inspection and maintenance of erosion control BMPs is critical toward their satisfactory performance. Repair and/or replacement of dysfunctional erosion control elements should be anticipated;

Permanent erosion protection should be provided by reestablishing vegetation using hydroseeding and/or landscape planting. Until the permanent erosion protection is established, site monitoring should be performed by qualified personnel to evaluate the effectiveness of the erosion control measures. Provisions for modifications to the erosion control system based on monitoring observations should be included in the erosion and sedimentation control plan.

5.2.2 STRIPPING

Stripping efforts should include removal of pavements, vegetation, organic materials, and deleterious debris from areas slated for building, pavement, and utility construction. Large portions of the site are gravel, recycled asphalt, and concrete surfaced and stripping will not be necessary. In vegetated areas, the test pits encountered two to four inches of topsoil and rootmass. Deeper areas of stripping may be required in heavily vegetated areas of the site.

5.2.3 EXCAVATIONS

All temporary cut slopes associated with the site and utility excavations should be adequately inclined to prevent sloughing and collapse. The site soils consist of fill soils. Accordingly, for excavations more than four feet but less than 20 feet in depth, the

temporary side slopes should be laid back with a minimum slope inclination of 1.5H:1V (Horizontal:Vertical). If there is insufficient room to complete the excavations in this manner, or excavations greater than 20 feet in depth are planned, using temporary shoring to support the excavations should be considered. For open cuts at the site, we recommend

- No traffic, construction equipment, stockpiles or building supplies are allowed at the top of cut slopes within a distance of at least five feet from the top of the cut.
- Exposed soil along the slope is protected from surface erosion using waterproof tarps and/or plastic sheeting.
- Construction activities are scheduled so that the length of time the temporary cut is left open is minimized.
- Surface water is diverted away from the excavation.
- The general condition of slopes should be observed periodically by a geotechnical engineer to confirm adequate stability and erosion control measures.

In all cases, however, appropriate inclinations will depend on the actual soil and groundwater conditions encountered during earthwork. Ultimately, the site contractor must be responsible for maintaining safe excavation slopes that comply with applicable OSHA or WISHA guidelines.

5.2.4 SITE PREPARATION

We anticipate that some areas of loose or soft soil will be exposed upon completion of stripping and grubbing especially in the low areas to the north of the proposed building. In addition some areas of existing unsuitable fill soils and loose, wet existing fill soils were encountered across the site.

The unsuitable existing fill soils encountered in the south parking area shown on Figure 2 should be removed and replaced with structural fill. The fill soils encountered in the north parking lot are above the optimum moisture content and should be aerated and compacted as structural fill. Some overexcavation may be necessary to achieve moisture conditioning of the soils. Additional areas of loose wet soils should be expected in the cut areas of the site.

Proofrolling and subgrade verification should be considered an essential step in site preparation. After stripping, grubbing, and prior to placement of structural fill, we recommend proofrolling building and pavement subgrades and areas to receive structural fill. These areas should be proofrolled under the observation of RGI and compacted to a firm and unyielding condition in order to achieve a minimum compaction level of 95 percent of the modified Proctor maximum dry density as determined by the ASTM D1557 test procedure.

Proofrolling and adequate subgrade compaction can only be achieved when the soils are within approximately ± 2 percent moisture content of the optimum moisture content. Soils which appear firm after stripping and grubbing may be proofrolled with a heavy compactor, loaded double-axle dump truck, or other heavy equipment under the observation of a RGI representative. This observer will assess the subgrade conditions prior to filling. The need for or advisability of proofrolling due to soil moisture conditions

should be determined at the time of construction. In wet areas, it may be necessary to hand probe the exposed subgrades in lieu of proofrolling with mechanical equipment.

If fill is placed in areas of the site where existing slopes are steeper than 5:1 (horizontal:vertical), the area should be benched to reduce the potential for slippage between existing slopes and fills. Benches should be wide enough to accommodate compaction and earth moving equipment, and to allow placement of horizontal lifts of fill.

Subgrade soils that become disturbed due to elevated moisture conditions should be overexcavated to reveal firm, non-yielding, non-organic soils and backfilled with compacted structural fill. In order to maximize utilization of site soils as structural fill, we recommend that the earthwork portion of this project be completed during extended periods of warm and dry weather if possible. If earthwork is completed during the wet season (typically November through May) it will be necessary to take extra precautionary measures to protect subgrade soils. Wet season earthwork will require additional mitigative measures beyond that which would be expected during the drier summer and fall months.

5.2.5 STRUCTURAL FILL

Once stripping, clearing and other preparing operations are complete, cuts and fills can be made to establish desired building grades. Prior to placing fill, we recommend proof-rolling as described above.

We recommend fill below the foundation and floor slab, behind retaining walls, and below pavement and hardscape surfaces be placed in accordance with the following recommendations for structural fill. The structural fill should be placed after completion of site preparation procedures as described above.

We recommend placing structural fill in lifts not exceeding 10 inches in loose thickness and thoroughly compacted to at least 95 percent of the maximum dry density (MDD) as determined by the ASTM D1557 test procedure. The suitability of excavated site soils and import soils for compacted structural fill use will depend on the gradation and moisture content of the soil when it is placed. As the amount of fines (that portion passing the US No. 200 sieve) increases, soil becomes increasingly sensitive to small changes in moisture content and adequate compaction becomes more difficult or impossible to achieve. Soils containing more than about five percent fines cannot be consistently compacted to a dense, non-yielding condition when the moisture content is more than two percent above or below optimum. Optimum moisture content is that moisture which results in the greatest compacted dry density with a specified compactive effort.

Non-organic site soils are only considered suitable for structural fill provided that their moisture content is within about two percent of the optimum moisture level as determined by the ASTM D1557 test. Excavated site soils may not be suitable for re-use as structural fill depending on the moisture content and weather conditions at the time of construction. If soils are stockpiled for future reuse and wet weather is anticipated, the stockpile should be protected with plastic sheeting that is securely anchored. Even during dry weather, moisture conditioning (i.e. windrowing and drying) of site soils to be reused as structural fill may be required. Even during the summer, delays in grading can occur due to excessively high moisture conditions of the soils or due to precipitation. If wet weather

occurs, the upper wetted portion of the site soils may need to be scarified and allowed to dry prior to further earthwork, or may need to be wasted from the site.

If on-site soils are or become unusable, it may become necessary to import clean, granular soils to complete site work that meet the grading requirements listed in Table 1 to be used as structural fill.

Table 1 Structural Fill Gradation

U.S. Sieve Size	Percent Passing
3 inches	100
No. 4 sieve	75 percent
No. 200 sieve	5 percent *

*Based on minus 3/4 inch fraction.

Prior to use, a RGI representative should observe and test all materials imported to the site for use as structural fill. Structural fill materials should be placed in uniform loose layers not exceeding 10 inches and compacted as specified in Table 2. The soil's maximum density and optimum moisture should be determined by ASTM Test Designation D1557 (Modified Proctor).

Table 2 Structural Fill Compaction ASTM D1557

Location	Material Type	Minimum Compaction Percentage	Moisture Content Range	
Foundations	On-site granular or approved imported fill soils:	95	+2	-2
Retaining Wall Backfill	On-site granular or approved imported fill soils:	92	+2	-2
Slab-on-grade	On-site granular or approved imported fill soils:	95	+2	-2
General Fill (non-structural areas)	On-site soils or approved imported fill soils:	90	+3	-2
Pavement – Subgrade and Base Course	On-site granular or approved imported fill soils:	95	+2	-2

Placement and compaction of structural fill should be observed by RGI. A representative number of in-place density tests should be performed as the fill is being placed to confirm that the recommended level of compaction is achieved.

5.2.6 CUT AND FILL SLOPES

All permanent cut and fill slopes (except interior slopes of detention pond) should be graded with a finished inclination no greater than 2H:1V. The interior slopes of the detention pond must be graded with a slope gradient no steeper than 3H:1V. Upon

completion of construction, the slope face should be trackwalked, compacted and vegetated, or provided with other physical means to guard against erosion.

Final grades at the top of the slopes must promote surface drainage away from the slope crest. Water must not be allowed to flow in an uncontrolled fashion over the slope face. If it is necessary to direct surface runoff towards the slope, it should be controlled at the top of the slope, piped in a closed conduit installed on the slope face, and taken to an appropriate point of discharge beyond the toe of the slope.

All fill placed for slope construction should meet the structural fill requirements as described in Section 5.2.5.

5.2.7 WET WEATHER CONSTRUCTION CONSIDERATIONS

We recommend that preparation for site grading and construction include procedures intended to drain ponded water, control surface water runoff, and to collect shallow subsurface seepage zones in excavations where encountered. It will not be possible to successfully compact the subgrade or utilize on-site soils as structural fill if accumulated water is not drained prior to grading or if drainage is not controlled during construction. Attempting to grade the site without adequate drainage control measures will reduce the amount of on-site soil effectively available for use, increase the amount of select import fill materials required, and ultimately increase the cost of the earthwork phases of the project. Free water should not be allowed to pond on the subgrade soils. We anticipate that the use of berms and shallow drainage ditches, with sumps and pumps in utility trenches, will be required for surface water control during wet weather and/or wet site conditions.

5.3 FOUNDATIONS

Following site preparation and grading, the proposed building foundation can be supported on conventional spread footings bearing on structural fill. Loose, organic, or other unsuitable soils will be encountered in the proposed building footprint or parking lot. If unsuitable soils are encountered, they should be overexcavated to at least two feet below the foundation subgrade elevations and backfilled with structural fill.

Perimeter foundations exposed to weather should be at a minimum depth of 18 inches below final exterior grades. Interior foundations can be constructed at any convenient depth below the floor slab. Finished grade is defined as the lowest adjacent grade within five feet of the foundation for perimeter (or exterior) footings and finished floor level for interior footings.

Table 3 Foundation Design

Design Parameter	Value
Allowable Bearing Capacity - Structural Fill	3,000 psf[1]
Friction Coefficient	0.30
Passive pressure (equivalent fluid pressure)	250 pcf[2]
Minimum foundation dimensions	Columns: 24 inches Walls: 18 inches

1. psf = pounds per square foot
2. pcf = pounds per cubic foot

The allowable foundation bearing pressures apply to dead loads plus design live load conditions. For short-term loads, such as wind and seismic, a 1/3 increase in this allowable capacity may be used. At perimeter locations, we recommend not including the upper 12 inches of soil in the computation of passive pressures because they can be affected by weather or disturbed by future grading activity. The passive pressure value assumes the foundation will be constructed neat against competent soil or backfilled with structural fill as described in Section 5.2.5 of this report. The recommended base friction and passive resistance value includes a safety factor of about 1.5.

With spread footing foundations designed in accordance with the recommendations in this section, maximum total and differential post-construction settlements of one inch and ½ inch, respectively, should be expected.

5.4 RETAINING WALLS

If retaining walls are needed in the building area, RGI recommends cast-in-place concrete walls be used. The magnitude of earth pressure development on retaining walls will partly depend on the quality of the wall backfill. We recommend placing and compacting wall backfill as structural fill. Wall drainage will be needed behind the wall face. A typical retaining wall drainage detail is shown in Figure 3.

With wall backfill placed and compacted as recommended, and drainage properly installed, we recommend using the values in the following table for design.

Table 4 Retaining Wall Design

Design Parameter	Value
Allowable Bearing Capacity - Structural Fill	3,000 psf
Active Earth Pressure (unrestrained walls)	35 pcf
At-rest Earth Pressure (restrained walls)	50 pcf

For seismic design, an additional uniform load of 7 times the wall height (H) for unrestrained walls and 14H for restrained walls should be applied to the wall surface.

Friction at the base of foundations and passive earth pressure will provide resistance to these lateral loads. Values for these parameters are provided in the Foundations section of this report.

If site retaining walls are necessary, cast-in-place or modular block walls may be used. RGI can provide a design for modular block walls if needed.

5.5 SLAB-ON-GRADE CONSTRUCTION

Once site preparation and structural fill placement has been completed as described in Section 5.2, suitable support for slab-on-grade construction should be provided in the fill areas of the site. In areas where the slab subgrade is near or below existing grades, the soil should be evaluated by proofrolling as described in section 5.2.4 Site Preparation. We anticipate areas of overexcavation and moisture condition of the soils will be necessary.

Immediately below the floor slab, we recommend placing a four-inch thick capillary break layer of clean, free-draining sand or gravel that has less than five percent passing the No. 200 sieve. This material will reduce the potential for upward capillary movement of water through the underlying soil and subsequent wetting of the floor slab. Where moisture by vapor transmission is undesirable, an eight to ten millimeter thick plastic membrane should be placed on a four-inch thick layer of clean gravel.

For the anticipated floor slab loading, we estimate post-construction floor settlements of ½ to ¾- inches. For thickness design of the slab subjected to point loading from storage racks and fork lift vehicle traffic, we recommend using a subgrade modulus (K_S) of 150 pounds per square inch per inch of deflection (pci).

5.6 DRAINAGE

5.6.1 SURFACE

Final exterior grades should promote free and positive drainage away from the building area. Water must not be allowed to pond or collect adjacent to foundations or within the immediate building area. For non-pavement locations, we recommend providing a minimum drainage gradient of three percent for a minimum distance of ten feet from the building perimeter. In paved locations, a minimum gradient of one percent should be provided unless provisions are included for collection and disposal of surface water adjacent to the structure.

5.6.2 SUBSURFACE

We recommend installing perimeter foundation drains. A Typical Footing Drain Detail is shown on Figure 4. The foundation drains and roof downspouts should be tightlined separately to an approved discharge facility. Subsurface drains must be laid with a gradient sufficient to promote positive flow to a controlled point of approved discharge.

5.6.3 INFILTRATION

RGI understands that an infiltration system may be used for the on-site disposal of storm water run-off from the roof areas. Two deep borings were drilled in the parking lot area to the north of the proposed building to assess the feasibility of infiltration of the roof water in the area. Suitable native soils were encountered below the fill at 35 feet below the existing grade.

5.7 UTILITIES

Utility pipes should be bedded and backfilled in accordance with American Public Works Association (APWA) specifications. For site utilities located within the right-of-ways, bedding and backfill should be completed in accordance with City of Redmond specifications. At a minimum, trench backfill should be placed and compacted as structural fill, as described in Section 5.2.5. Where utilities occur below unimproved areas, the degree of compaction can be reduced to a minimum of 90 percent of the soil's maximum density as determined by the referenced ASTM standard.

The existing fill soils vary in quality and moisture content. We expect some of the soils excavated on-site will not be suitable for use as backfill material. If unsuitable soils are encountered, imported structural fill meeting the gradation provided in Table 1 or suitable soils from other areas of the site should be used for trench backfill.

5.8 PAVEMENTS

Pavement subgrades should be prepared as described in Section 5.2 of this report and as discussed below. Regardless of the relative compaction achieved, the subgrade must be firm and relatively unyielding before paving. The subgrade should be proof-rolled with heavy construction equipment to verify this condition.

5.8.1 FLEXIBLE PAVEMENTS

With the pavement subgrade prepared as described above, we recommend the following pavement sections for parking and drive areas paved with flexible asphalt concrete surfacing.

- **For heavy truck traffic areas**: Seven inches of asphalt concrete (AC) over ten inches of crushed rock base (CRB)
- **For car parking areas**: Three inches of AC over six inches of CRB

The asphalt paving materials and CRB used should conform to the Washington State Department of Transportation (WSDOT) specifications 9-02, 9-03.8 and 9-03.9(3) and the City of Redmond standards.

Long-term pavement performance will depend on surface drainage. A poorly-drained pavement section will be subject to premature failure as a result of surface water infiltrating into the subgrade soils and reducing their supporting capability.

For optimum pavement performance, surface drainage gradients of no less than two percent are recommended. Also, some degree of longitudinal and transverse cracking of the pavement surface should be expected over time. Regular maintenance should be planned to seal cracks when they occur.

5.8.2 CONCRETE PAVEMENTS

With the pavement subgrade prepared as described above, we recommend the following pavement sections for parking and drive areas paved with concrete surfacing.

The following rigid concrete sections may be used

- **For heavy truck traffic loading dock areas**: Eight inches of concrete over four inches of CRB

For optimum pavement performance, surface drainage gradients of no less than two percent are recommended.

6.0 Additional Services

RGI is available to provide further geotechnical consultation throughout the design phase of the project. We should review the final design and specifications in order to verify that earthwork and foundation recommendations have been properly interpreted and incorporated into project design and construction.

RGI is also available to provide geotechnical engineering and construction monitoring services during construction. The integrity of the earthwork and construction depends on proper site preparation and procedures. In addition, engineering decisions may arise in the field in the event that variations in subsurface conditions become apparent. Construction monitoring services are not part of this scope of work. If these services are desired, please let us know and we will prepare a cost proposal.

7.0 Limitations

This report is the property of The Riley Group, Inc., Scannell Development Company, FedEx Ground Package System, Inc., Taylor Union Hill, LLC and their designated agents. Within the limits of the scope and budget, this report was prepared in accordance with generally accepted geotechnical engineering practices in the area at the time this report was issued. This report is intended for specific application to the Redmond FedEx Distribution Center project in Redmond, Washington, and for the exclusive use of Scannell Development Company, FedEx Ground Package System, Inc., Taylor Union Hill, LLC and their authorized representatives. No other warranty, expressed or implied, is made. Site safety, excavation support, and dewatering requirements are the responsibility of others.

The analyses and recommendations presented in this report are based upon data obtained from the test exploration performed on-site. Variations in soil conditions can occur and should be expected, the nature and extent of which may not become evident until construction. If variations appear evident, RGI should be requested to reevaluate the recommendations in this report prior to proceeding with construction.

It is the client's responsibility to see that all parties to the project, including the designers, contractors, subcontractors, etc., are made aware of this report in its entirety. The use of information contained in this report for bidding purposes should be done at the contractor's option and risk.

APPENDIX A
FIELD EXPLORATION AND LABORATORY TESTING

On March 6, 8 and 9, 2012, RGI performed field explorations using a tracked excavator, rubber-tracked drill rig, and trailer-mounted drill rig. We explored subsurface soil conditions at the site by observing the excavation of 30 test pits to a maximum of 18 feet below grade and drilling of 10 borings to a maximum depth of 51.5 feet below existing grade. The test pit and boring locations are shown on Figure 2. The test pit and boring locations were surveyed by DOWL Engineers. The Test Pit and Boring Logs are presented on Figures A-2 through A-21.

A geologist from our office conducted the field exploration and classified the soil conditions encountered, maintained a log of each test exploration, obtained representative soil samples, and observed pertinent site features. All soil samples were visually classified in accordance with the Unified Soil Classification System (USCS) described on Figure A-1.

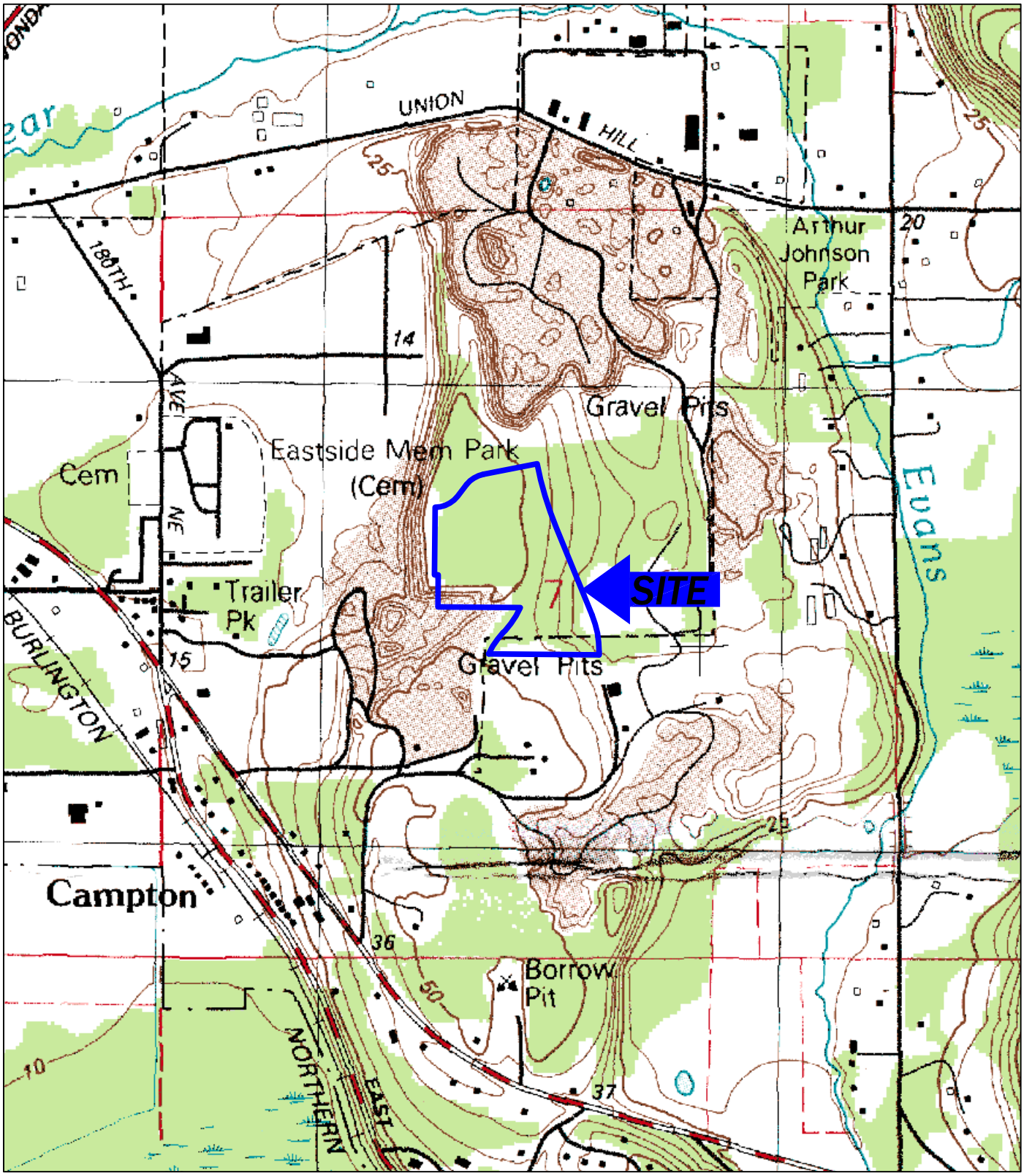
Representative soil samples obtained from the explorations were placed in closed containers and taken to our laboratory for further examination and testing. As a part of the laboratory testing program, the soil samples were classified in our in house laboratory based on visual observation, texture, plasticity, and the limited laboratory testing described below.

Moisture Content Determinations

Moisture content determinations were performed in accordance with ASTM D2219 on representative samples obtained from the exploration in order to aid in identification and correlation of soil types. The moisture content of typical samples was measured and is reported on the Test Pit and Boring Logs.

Grain-Size Analysis

A grain-size analysis indicates the range in diameter of soil particles included in a particular sample. Grain size analyses for the greater than 75 micrometer portion of the samples were performed in accordance with ASTM D422 on 13 of the samples, the results of which are shown on Figures A-22 through A-34.



USGS, 1982, Bellevue North, Washington
7.5-Minute Quadrangle

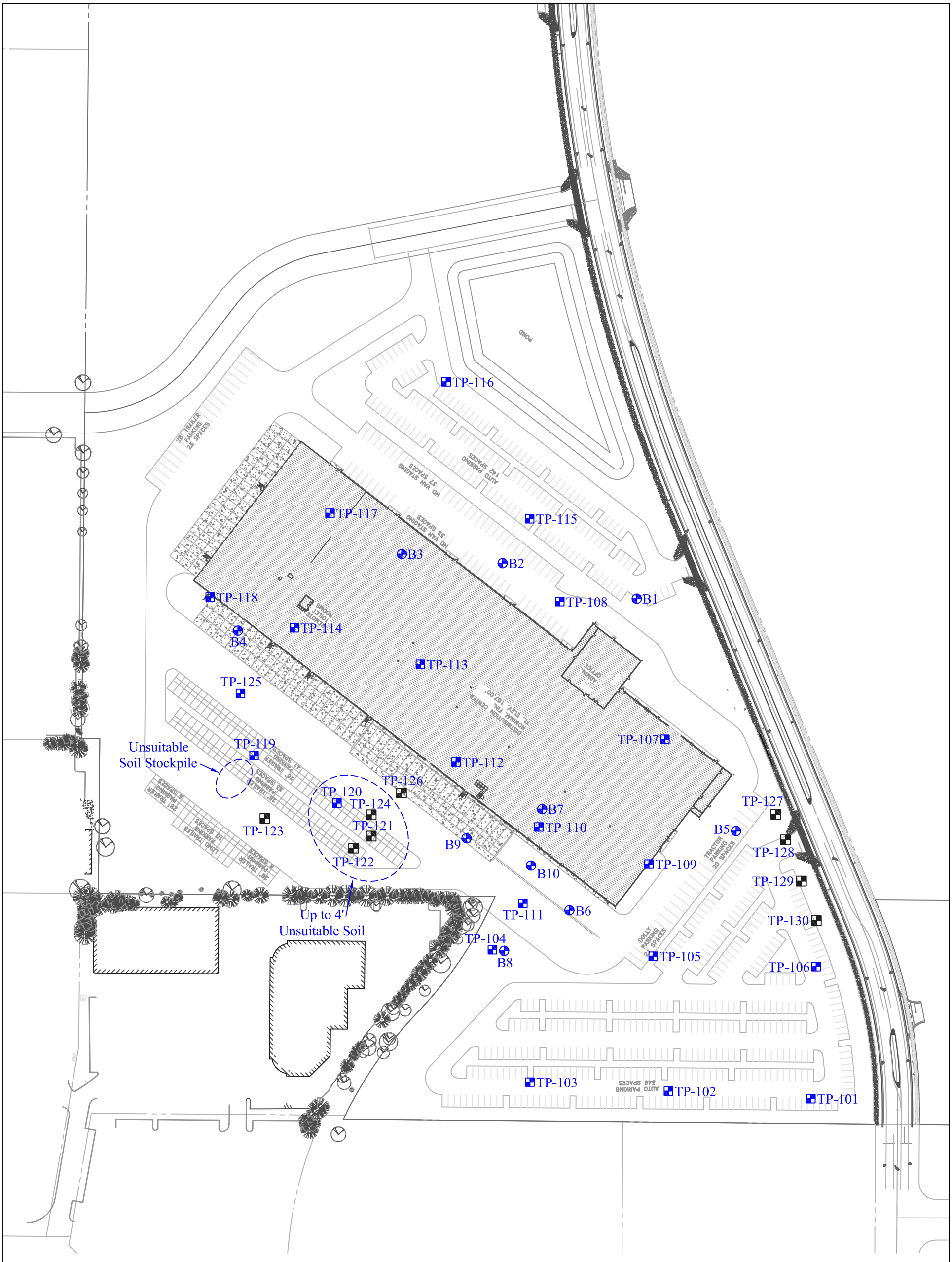
Approximate Scale: 1"=1000'

0 500 1000 2000

N

The Riley Group, Inc.
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Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Distribution Center		Figure 1
RGI Project Number 2012-088	Site Vicinity Map	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Boring Location by RGI, March 2012

= Test Pit Location by RGI, March 2012

Approximate Scale: 1"=140'

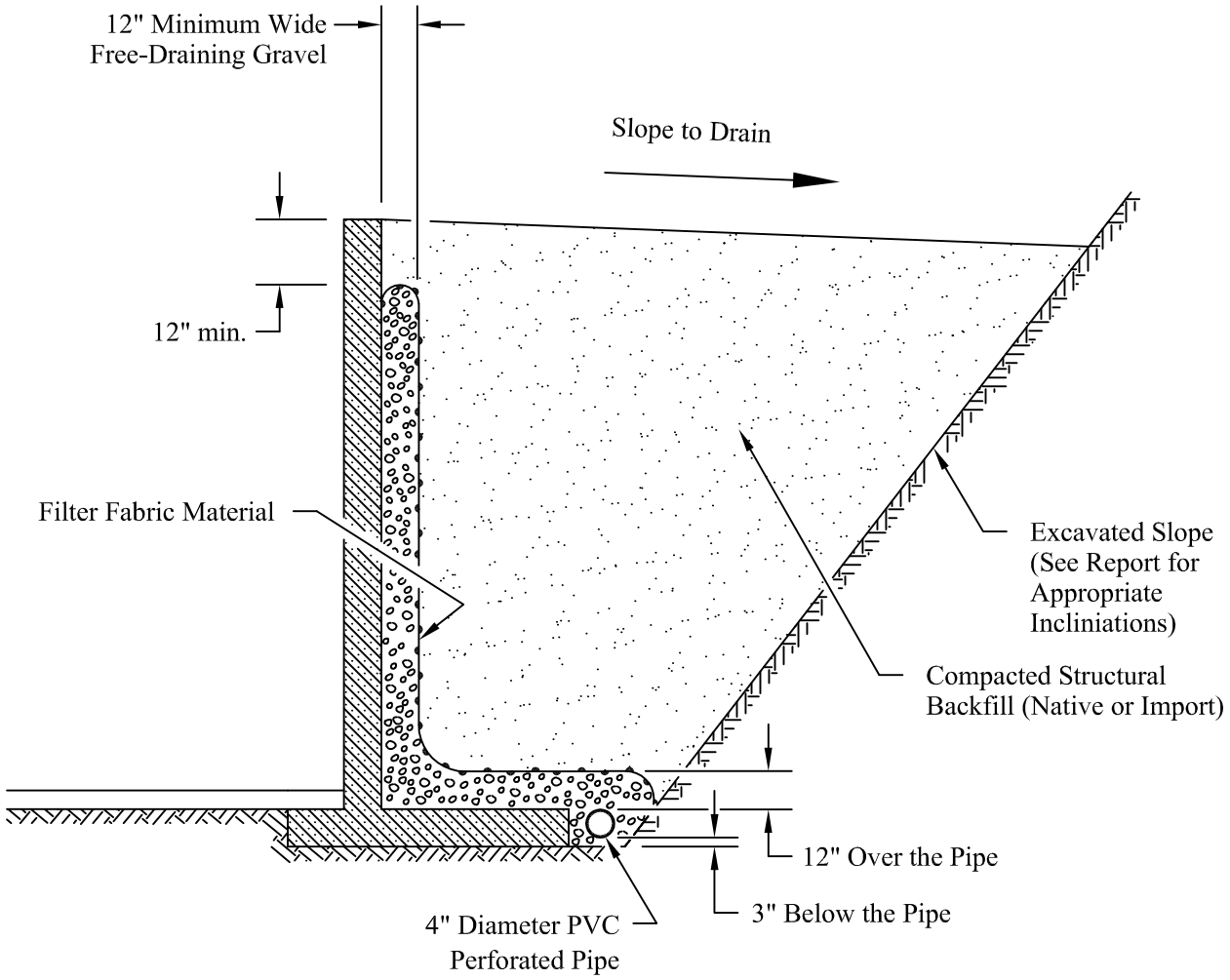
0 70 140 140

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Drawn after DOWL HKM, FedEx Ground Packaging Facility,Version 2, Revision 3.

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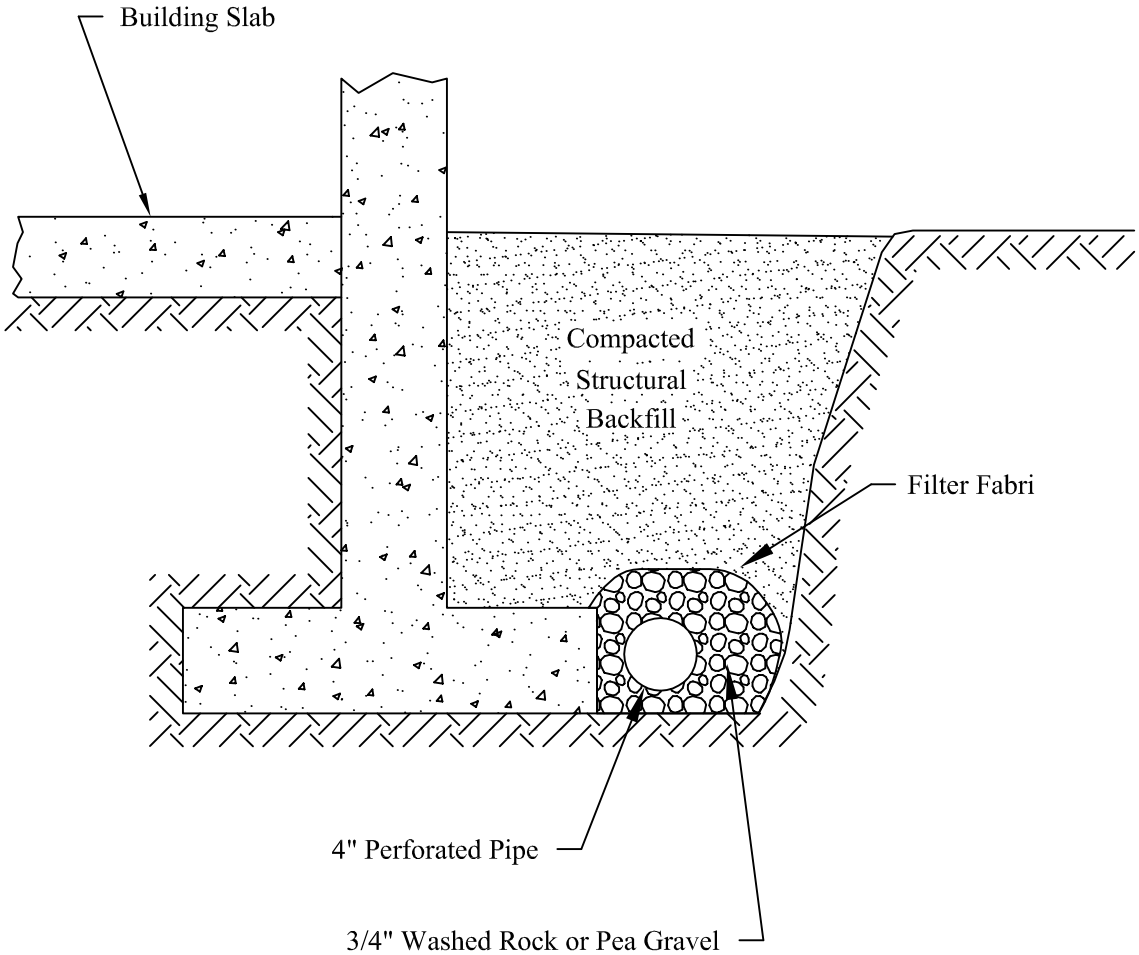
FedEx Distribution Center		Figure 2
RGI Project Number 2012-088	Site and Surrounding Area	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Not to Scale

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FedEx Distribution Center		Figure 3
RGI Project Number 2012-088	Retaining Wall Drainage Detail	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Not to Scale

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FedEx Distribution Center		Figure 4
RGI Project Number 2012-088	Typical Footing Drain Detail	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

MAJOR DIVISIONS			LETTER SYMBOL	TYPICAL DESCRIPTION
COARSE GRAINED SOILS (More than 50% material larger than No. 200 sieve)	GRAVELS More than 50% of coarse fraction is larger than No. 4 sieve	CLEAN GRAVELS <5% fines	GW	Well-graded gravels, gravel-sand mixtures, little or no fines.
			GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines.
		GRAVELS with fines	GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines.
			GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines.
	SANDS More than 50% of coarse fraction is smaller than No. 4 sieve	CLEAN SANDS <5% fines	SW	Well-graded sands, gravelly sands, little or no fines.
			SP	Poorly-graded sands or gravelly sands, little or no fines.
		SANDS with fines	SM	Silty sands, sand-silt mixtures, non-plastic fines.
			SC	Clayey sands, sand-clay mixtures, plastic fines.
FINE GRAINED SOILS (More than 50% material smaller than No. 200 sieve)	SILTS AND CLAYS Liquid limits less than 50%		ML	Inorganic silts, rock flour, clayey silts with slight plasticity.
			CL	Inorganic clays of low to medium plasticity, (lean clay).
			OL	Organic silts and organic clays of low plasticity.
	SILTS AND CLAYS Liquid limits greater than 50%		MH	Inorganic silts, elastic.
			CH	Inorganic clays of high plasticity, (fat clays).
			OH	Organic clays of high plasticity.
HIGHLY ORGANIC SOILS			PT	Peat.

DEFINITION OF TERMS AND SYMBOLS

SAND or GRAVEL

Density	SPT (Blows/Foot)
Very loose	0-4
Loose	4-10
Medium dense	10-30
Dense	30-50
Very dense	>50

SILT or CLAY

Consistency	SPT (Blows/Foot)
Very soft	0-2
Soft	2-4
Medium stiff	4-8
Stiff	8-15
Very stiff	15-30
Hard	>30

- 2" Outside diameter split spoon sampler
- 2.4" Inside diameter ring sampler or Shelby tube
- Water level (date)

Tr	Torvane reading, tsf
Pp	Penetrometer reading, tsf
DD	Dry density, pcf
LL	Liquid limit, percent
PI	Plasticity index
N	Standard penetration, blows per foot

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FedEx Distribution Center		Figure A-1
RGI Project Number 2012-088	Unified Soil Classification	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-1
Sheet 1 of 2

Date(s) Drilled: **3/8/12**	Logged By: **ELW**	Surface Conditions: **Grass**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **51 feet bgs**
Drill Rig Type: **Tracked Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **98**
Groundwater Level and Date Measured: **41**	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	

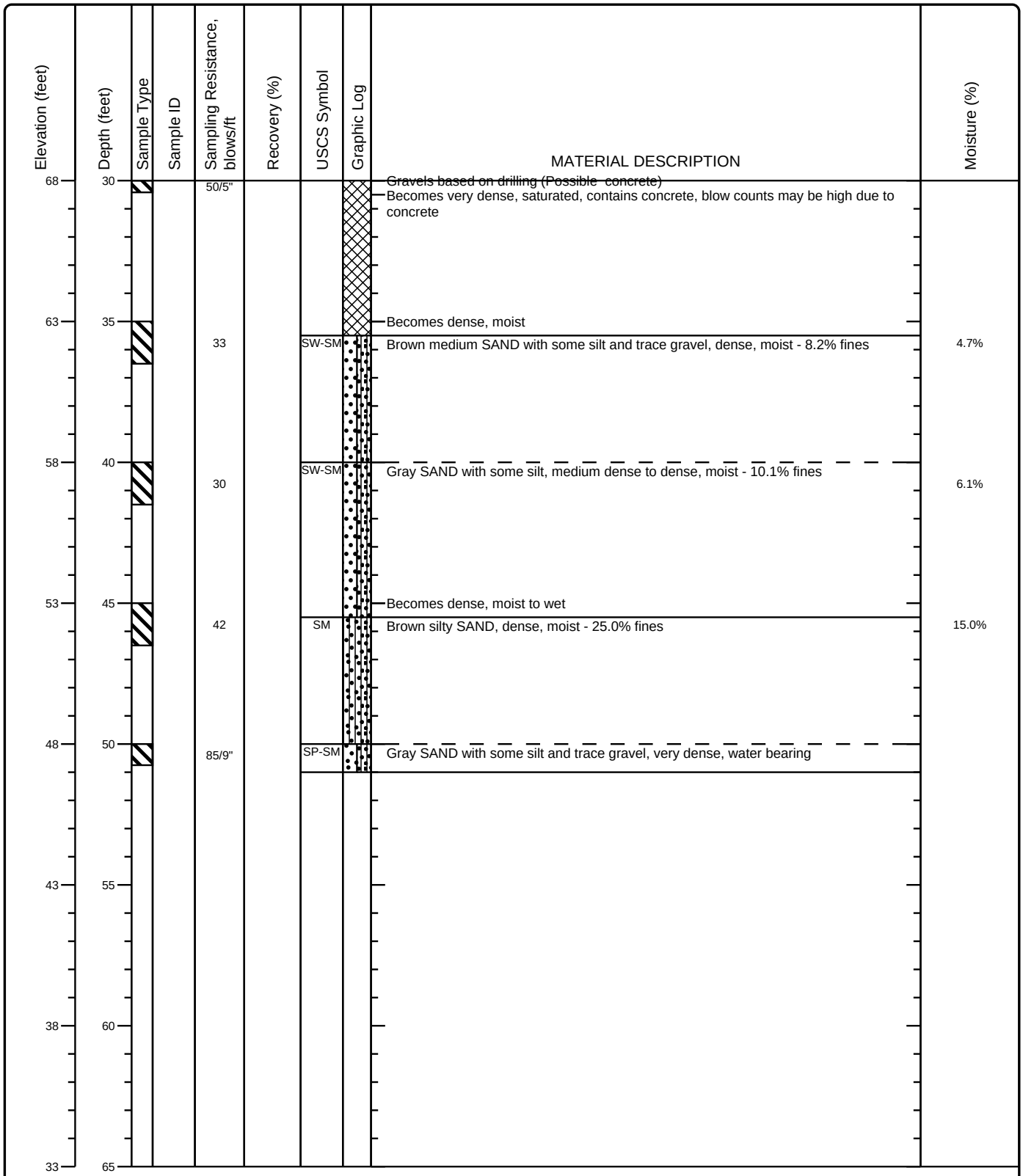
Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
98	0					Fill		Gray silty SAND with some gravel, loose, wet (FILL)	
93	5			56/11"		Fill		Tan silty fine SAND with some gravel, very dense, moist to wet (FILL)	
								Asphalt in tip - blow counts may be high	
88	10			12		Fill		Gray sandy SILT with some gravel, stiff, moist to wet (FILL) Trace brick debris	
83	15			6		Fill		Gray silty SAND with some gravel, loose, wet (FILL) Little recovery	
78	20			9		Fill		Gray silty fine SAND with some gravel, loose, moist to wet (FILL)	
73	25			10				Becomes loose to medium dense, wet	
								Gravels based on drilling (Possible concrete)	
68	30								

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Figure A-2

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-1
Sheet 2 of 2



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Figure A-2

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-2
Sheet 1 of 2

Date(s) Drilled: **3/8/12**	Logged By: **ELW**	Surface Conditions: **Grass**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **51.5 feet bgs**
Drill Rig Type: **Tracked Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **97**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	

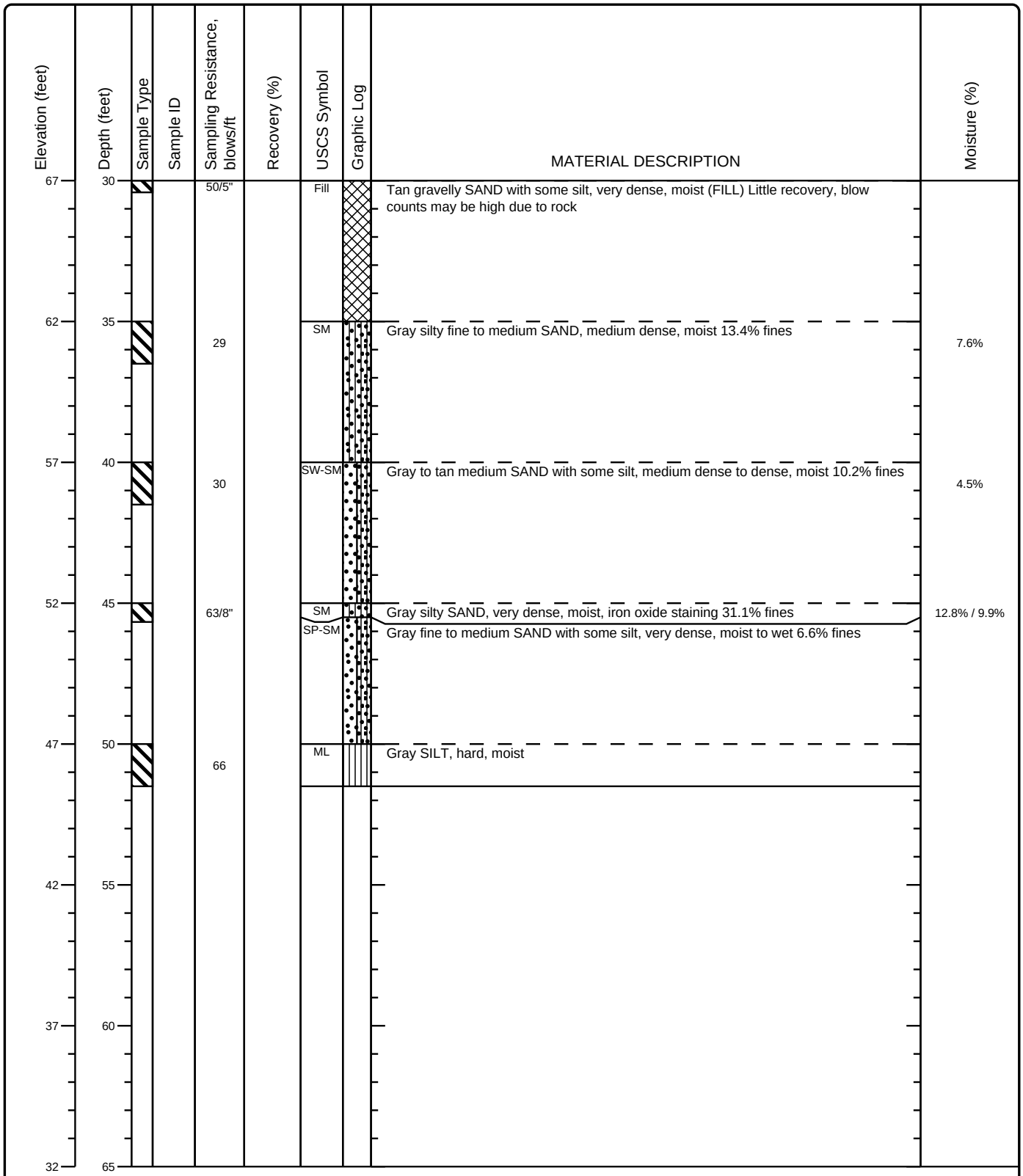
Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
97	0					Fill		Gray silty SAND with some gravel, loose, wet (FILL)	
92	5			10		Fill		Brown to gray silty SAND with some gravel, loose to medium dense, moist to wet (FILL)	
87	10			28		Fill		Gray silty SAND with some gravel, medium dense, moist (FILL) Contains concrete, little recovery	
82	15			20		Fill		Gray silty fine SAND to sandy SILT, medium dense, moist (FILL)	
77	20			5		Fill		Gray sandy SILT with some gravel, medium stiff, moist (FILL) 3" organic layer Becomes wet, angled drill hole, moved 5' east and redrilled to 25'	
72	25			8		Fill		Brown silty SAND with some gravel, loose, moist (FILL) Little recovery	
67	30								

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Figure A-3

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-2
Sheet 2 of 2



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Figure A-3

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-3
Sheet 1 of 2

Date(s) Drilled: **3/8/12**	Logged By: **ELW**	Surface Conditions: **Grass**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **31.5 feet bgs**
Drill Rig Type: **Tracked Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **97**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
97	0					Fill		Gray silty SAND with some gravel, medium dense, moist to wet (FILL)	
92	5			19				Contains asphalt debris	7.9%
87	10			5				Becomes loose, wet	16.9%
82	15			14		Fill		Gray silty SAND with trace gravel, medium dense, moist (FILL)	15.5%
77	20			92		Fill		Gray silty SAND with some gravel, very dense, moist to wet (FILL) Asphalt debris in tip, blow counts may be high	11.9%
72	25			14				Becomes medium dense, trace asphalt debris	12.8%
67	30								

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Figure A-4

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-3
Sheet 2 of 2

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
67	30			14		Fill		Gray to brown silty SAND with some gravel, medium dense, moist to wet (FILL)	15.9%
62	35								
57	40								
52	45								
47	50								
42	55								
37	60								
32	65								

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Figure A-4

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-4
Sheet 1 of 2

Date(s) Drilled: **3/8/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **31.5 feet bgs**
Drill Rig Type: **Tracked Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **100**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
100	0					Fill		Brown silty SAND with some gravel, medium dense, moist to wet (FILL)	
95	5			13				Little recovery	8.1%
90	10			6		Fill		Brown to gray silty SAND with trace to some gravel, loose, moist to wet (FILL) Trace asphalt debris	12.6%
85	15			7		Fill		Gray silty SAND with trace gravel, loose, moist to wet (FILL)	16.1%
80	20			6		Fill		Gray silty SAND with trace gravel, loose, moist to wet (FILL) Wood debris in tip	17.3%
75	25			10		Fill		Gray silty medium SAND with trace gravel, loose to medium dense, moist to wet (FILL)	18.2%
70	30								

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Figure A-5

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-4
Sheet 2 of 2

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
70	30			30		Fill		Gray silty SAND with some gravel, medium dense to dense, moist (FILL)	10.1%
65	35								
60	40								
55	45								
50	50								
45	55								
40	60								
35	65								

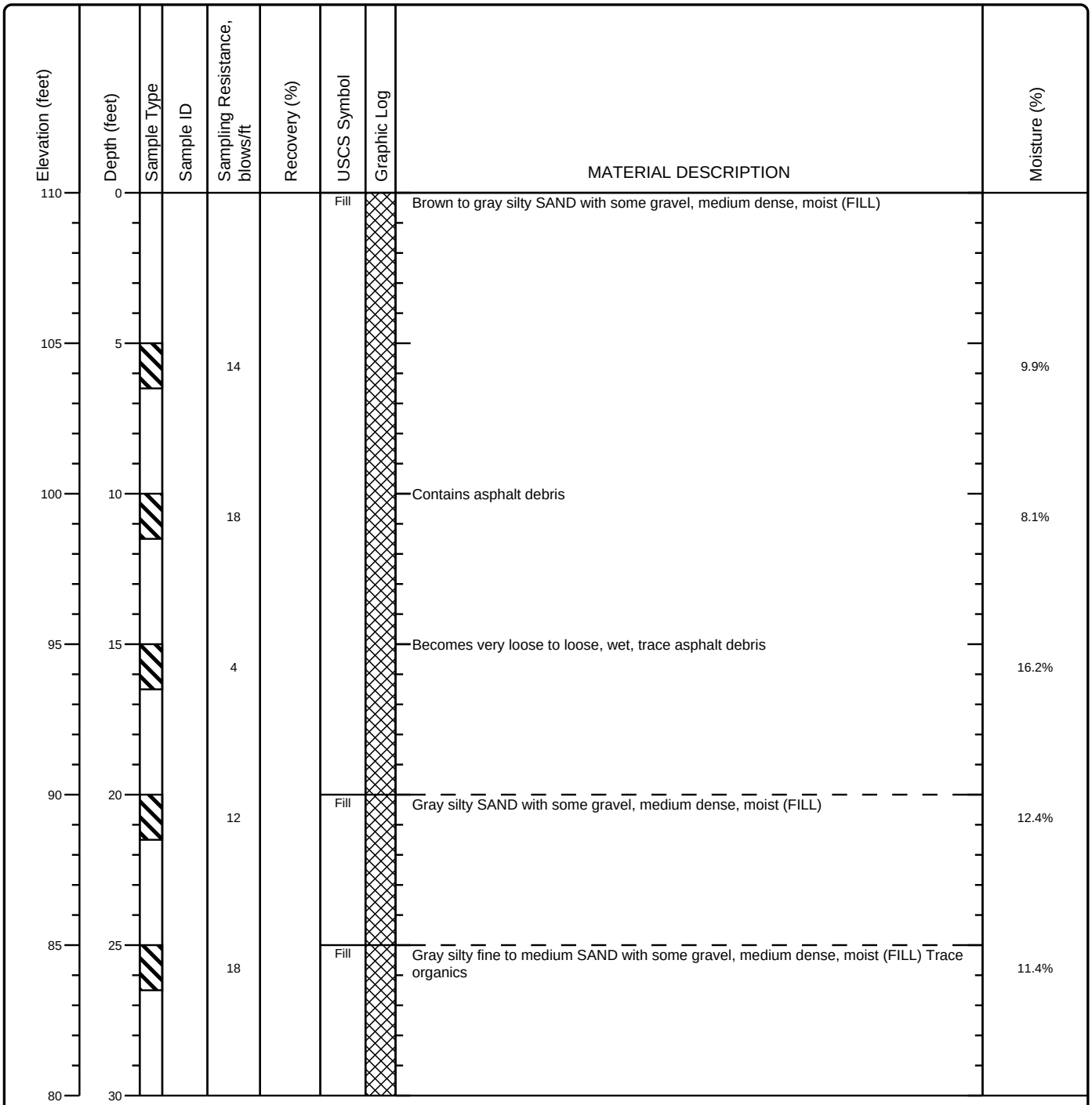
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Figure A-5

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-5
Sheet 1 of 2

Date(s) Drilled: **3/9/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **31.5 feet bgs**
Drill Rig Type: **Trailer-mounted Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **110**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	



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Figure A-6

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-5
Sheet 2 of 2

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
80	30			10				Becomes loose to medium dense, moist to wet	12.0%
75	35								
70	40								
65	45								
60	50								
55	55								
50	60								
45	65								

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Figure A-6

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-6
Sheet 1 of 2

Date(s) Drilled: **3/9/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **31.5 feet bgs**
Drill Rig Type: **Trailer-mounted Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **112**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
112	0					Fill		Gray silty SAND with some gravel, medium dense, moist (FILL)	
107	5			10		Fill		Brown to gray silty SAND with some gravel, loose to medium dense, moist to wet (FILL)	
				4		Fill		Gray silty fine SAND, very loose, to loose, moist to wet (FILL)	12.8%
102	10			30		Fill		Brown to gray gravelly silty SAND, medium dense to very dense, moist to wet (FILL) Trace organics	11.3%
97	15			86/11"		Fill		Gray silty sandy GRAVEL, very dense, saturated (FILL)	9.5%
92	20			24		Fill		Gray sandy SILT, very stiff, moist (FILL)	15.1%
87	25			87/10"		Fill		Gray silty SAND with trace gravel, very dense, moist to wet (FILL)	14.0%
82	30								

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Figure A-7

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-6
Sheet 2 of 2

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Moisture (%)
82	30			20		Fill		Gray silty fine to medium SAND with some gravel, medium dense, moist (Possible FILL)	13.3%
77	35								
72	40								
67	45								
62	50								
57	55								
52	60								
47	65								

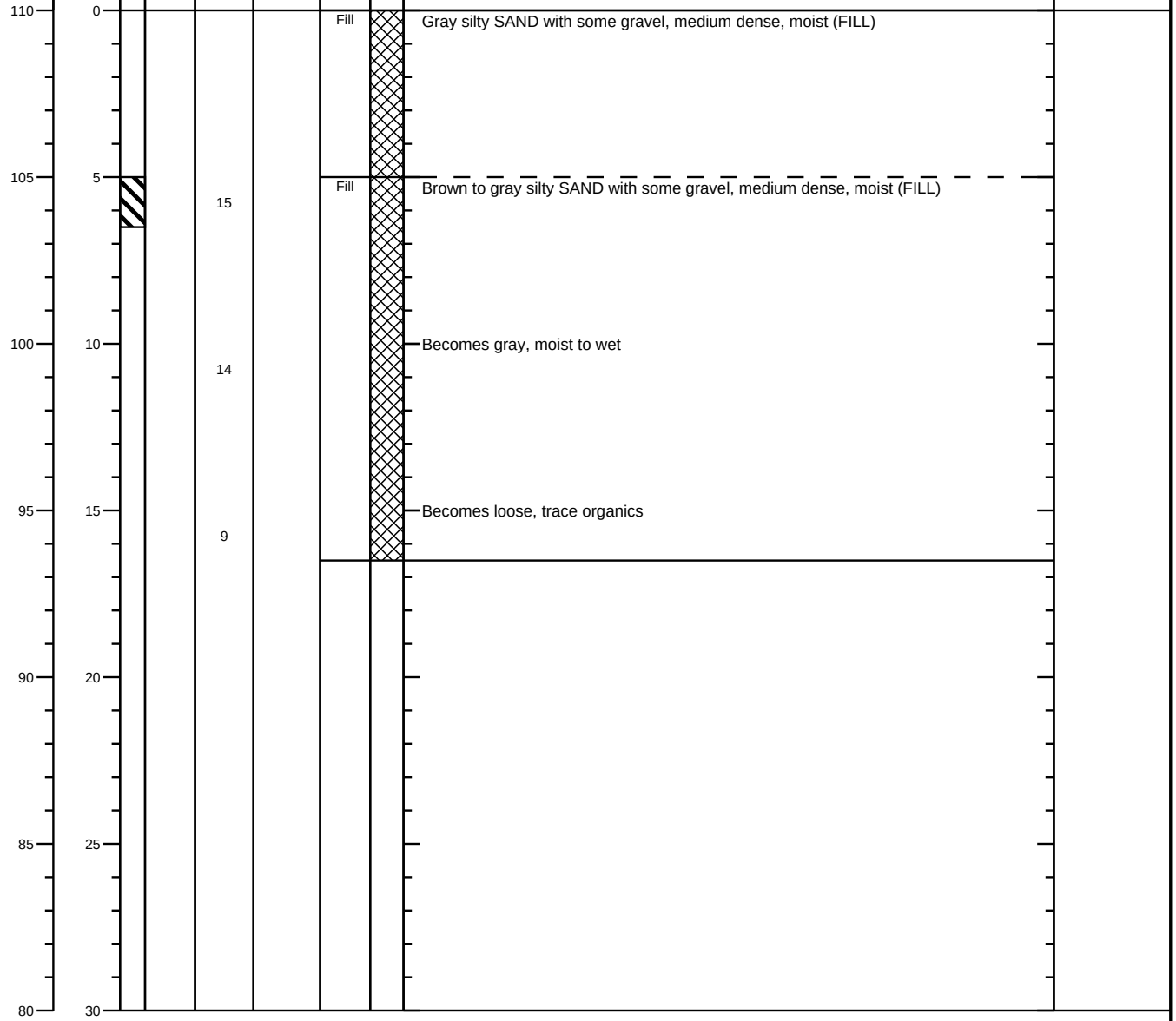
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Figure A-7

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-7
Sheet 1 of 1

Date(s) Drilled: **3/9/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **16.5 feet bgs**
Drill Rig Type: **Trailer-mounted Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **110**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	



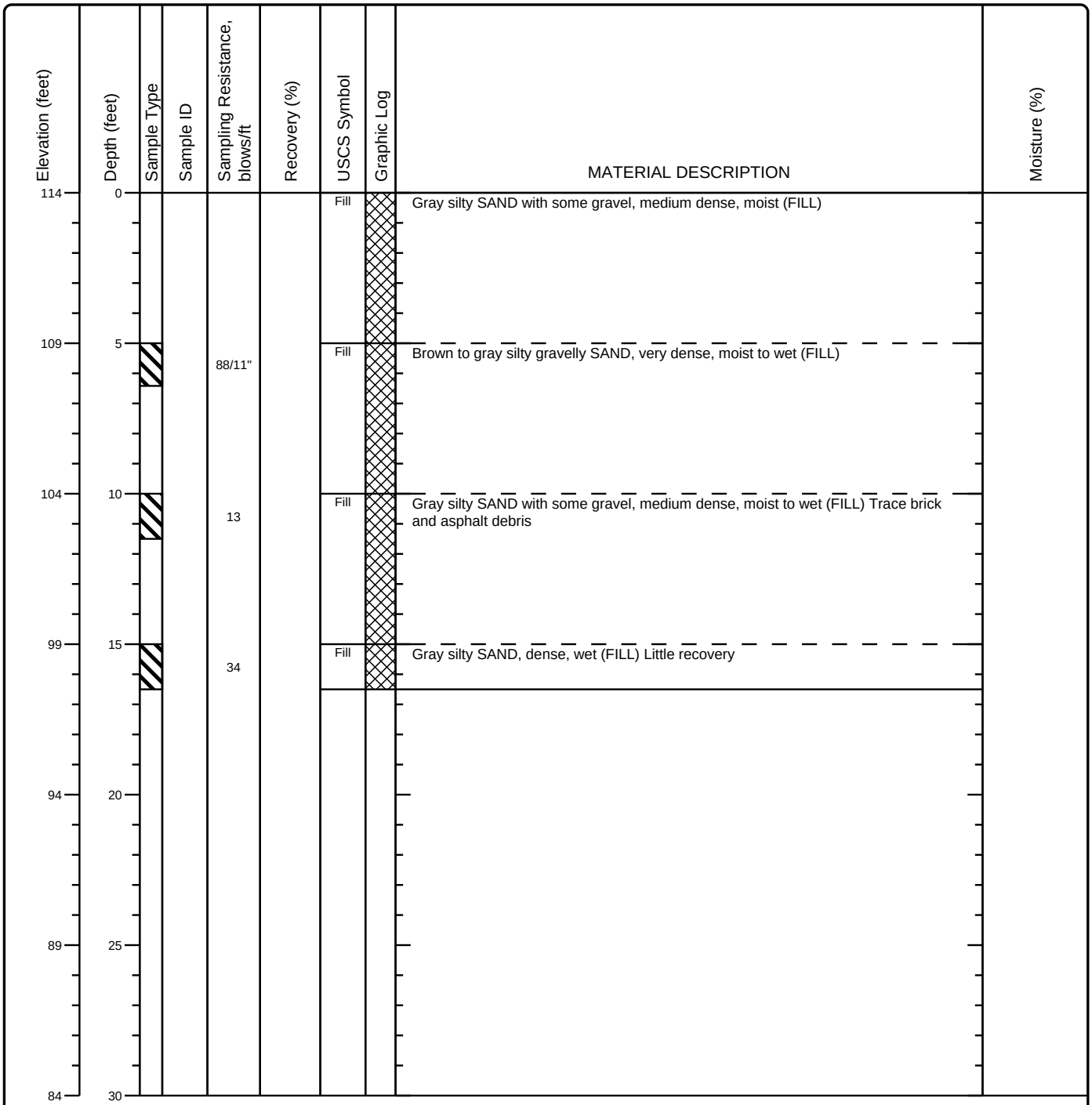
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Figure A-8

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-8
Sheet 1 of 1

Date(s) Drilled: **3/9/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **16.5 feet bgs**
Drill Rig Type: **Trailer-mounted Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **114**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	



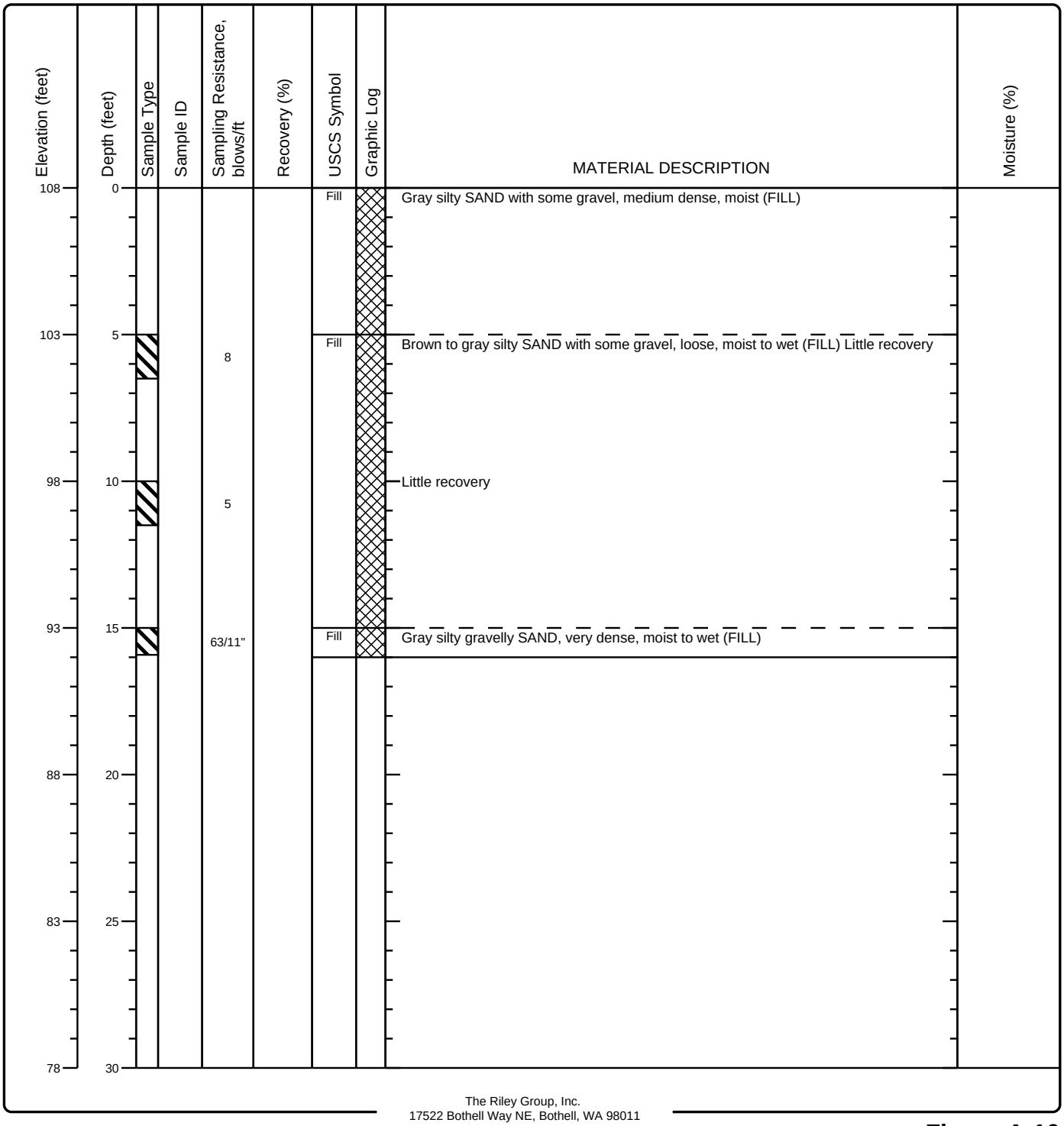
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Figure A-9

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-9
Sheet 1 of 1

Date(s) Drilled: **3/9/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **16 feet bgs**
Drill Rig Type: **Trailer-mounted Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **108**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	



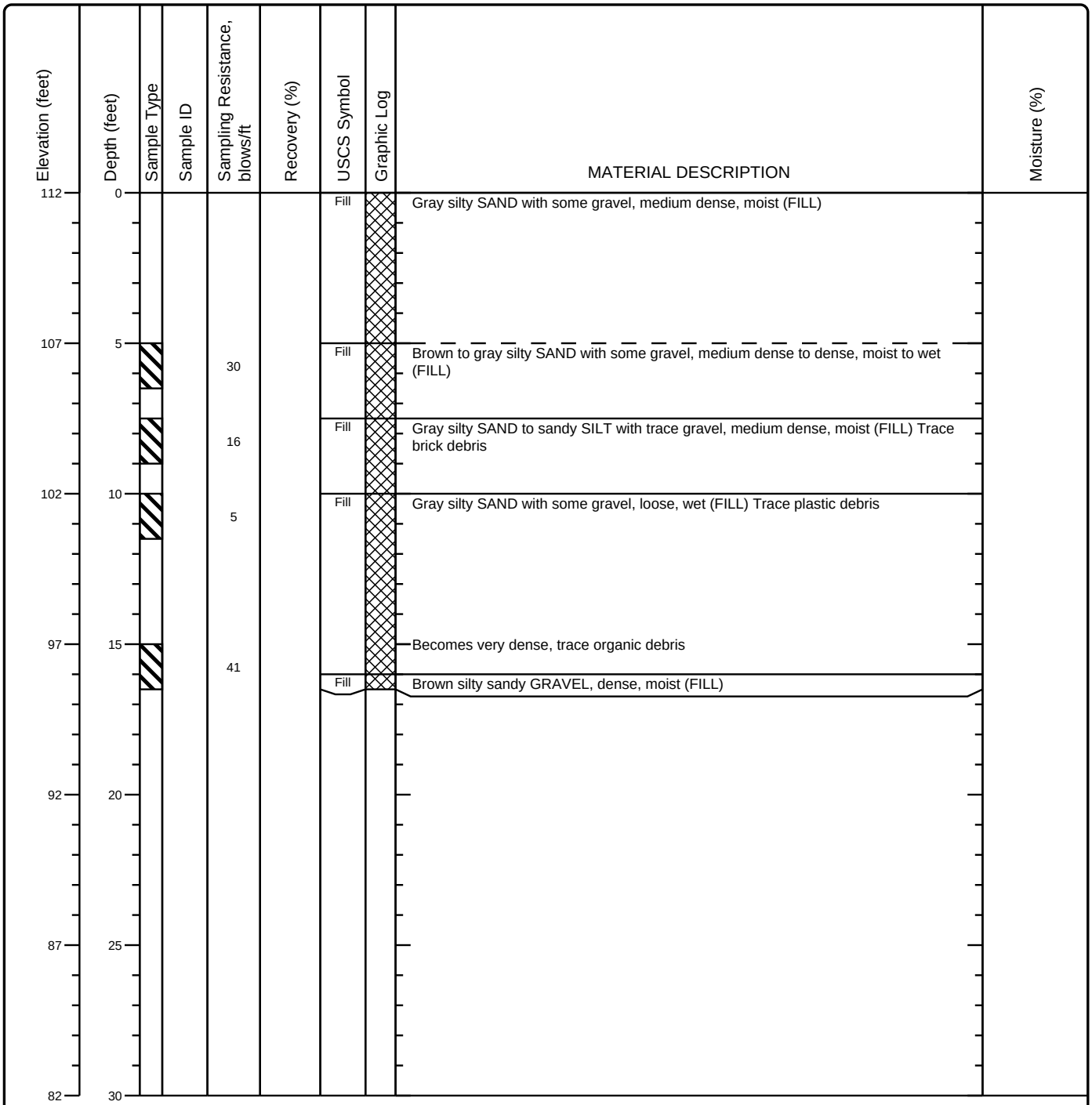
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Figure A-10

Project Name: FedEx Distribution Center
Project Number: 2011-088
Client: Scannell Properties

Boring/Well No.: B-10
Sheet 1 of 1

Date(s) Drilled: **3/9/12**	Logged By: **ELW**	Surface Conditions: **Gravel**
Drilling Method(s): **HSA**	Drill Bit Size/Type:	Total Depth of Borehole: **16.5 feet bgs**
Drill Rig Type: **Trailer-mounted Drill Rig**	Drilling Contractor: **Boretec**	Approximate Surface Elevation: **112**
Groundwater Level and Date Measured:	Sampling Method(s): **SPT**	Hammer Data :
Borehole Backfill: **Bentonite**	Location: **188th Avenue Northeast, Redmond, Washington**	



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Figure A-11

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-101	Surface	Recycled asphalt - 8"	
	0 - 10.5	Tan to gray silty SAND with trace gravel, loose to medium dense, wet. (FILL)	
		Becomes gray, moist to wet at 2', trace organics, wood, fabric, brick debris.	11.3% moisture 34.8% fines
		Trace to some organics at 9'.	11.3% moisture
		Terminated at 10.5 feet. No groundwater seepage encountered.	
TP-102	Surface	Recycled asphalt - 6"	
	0 - 9	Tan silty SAND with some gravel, loose to medium dense,moist to wet. (FILL) Trace brick and organic debris.	18.3% moisture
		Becomes gray, wet, trace organics and rebar at 5'.	22.4% moisture
	9 - 10	Gray SAND with some silt and gravel, loose to medium dense, saturated. (SP-SM)	13.2% moisture
		Terminated at 10 feet. No groundwater seepage encountered.	
TP-103	Surface	Recycled asphalt - 6"	
	0 - 1.5	Recycled concrete, brick debris, trace organics and wire debris. (FILL)	
	1.5 - 3	Gray silty SAND with some gravel, medium dense, moist to wet. (FILL)	
	3 - 5.5	Brown SAND with some silt, medium dense, wet. (SP-SM) Water bearing at 4'.	21.0% moisture
	5.5 - 7	Brown silty SAND, medium dense, moist to wet. (SM)	24.1% moisture
	7 - 10	Brown silty SAND with some gravel, medium dense to dense, moist. (SM)	14.3% moisture
		Terminated at 10 feet. Heavy groundwater seepage at 4' to 5.5'.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-104	Surface	Gravel	
	0 - 6	Tan to gray silty SAND with trace gravel, medium dense, moist to wet. (FILL). Contains concrete debris.	
		Becomes gray, wet at 3'.	18.3% moisture 45.0% fines
	6 - 10	Gray silty SAND to sandy SILT with some gravel, medium dense, moist to wet. (FILL)	
		Trace wood and brick debris.	16.6% moisture
		Terminated at 10 feet. No groundwater seepage encountered.	
TP-105	Surface	Recycled asphalt - 6"	
	0 - 4	Gray sandy SILT with some gravel, medium dense, moist. (FILL)	14.7% moisture 50.7% fines
	4 - 11	Gray silty SAND to sandy SILT with some gravel, medium dense, moist to wet. (FILL) Trace to some wood, concrete, wire debris.	
		Terminated at 11 feet. No groundwater seepage encountered.	
TP-106	Surface	Recycled asphalt - 2"	
	0 - 2.5	Tan to gray silty SAND with some gravel, medium dense, moist. (FILL)	
	2.5 - 4	Gray SAND with some silt, loose to medium dense, wet. (FILL) Trace brick debris.	32.0% moisture
	4 - 6	Tan silty SAND to sandy SILT with some gravel, medium dense, moist to wet. (FILL)	
	6 - 10	Gray silty SAND with some gravel, dense, moist. (FILL) Contains asphalt debris and trace root debris.	9.4% moisture
		Terminated at 10 feet. No groundwater seepage encountered.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-107	Surface	Gravel	
	0 - 1.5	Brown sandy GRAVEL with some silt, dense, wet. (FILL). Moderate perched groundwater at 1.5'.	
	1.5 - 9.5	Brown to gray silty SAND with trace gravel, medium dense, moist. (FILL) Trace wood, concrete, and wire debris.	13.9% moisture 40.8% fines
	9.5 - 10.5	Gray silty SAND with some gravel, loose to medium dense, moist to wet. (FILL)	
		Terminated at 10.5 feet. Moderate groundwater seepage at 1.5'.	
TP-108	Surface	Grass	
	0 - 1.5	Gray silty SAND with some gravel, loose, saturated. (FILL) Moderate perched groundwater seepage at 1.5'.	
	1.5 - 4.5	Brown silty SAND with some gravel, medium dense, moist to wet. (FILL) Trace asphalt.	21.7% moisture
	4.5 - 7.5	Gray silty SAND with some gravel, concrete and asphalt debris, dense, moist. (FILL)	
	7.5 - 11	Gray silty SAND with some gravel, medium dense, moist to wet. (FILL) Trace wood and concrete debris, occasional chunk of silt.	
		Terminated at 11 feet. Moderate groundwater seepage at 1.5'.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-109	Surface	Recycled asphalt - 4"	
	0 - 1	Quarry spalls in a silry SAND matrix, dense, moist. (FILL)	
	1 - 18	Gray to tan silty SAND with some gravel, medium dense to dense, moist. (FILL) Trace asphalt debris.	7.5% moisture
		Becomes medium dense, moist to wet at 6'.	
		Becomes wet at 10'.	15.5% moisture
		Terminated at 18 feet. No groundwater seepage encountered.	
TP-110	Surface	Recycled asphalt - 6"	
	0 - 15	Tan silty SAND with some gravel, medium dense,moist to wet. (FILL) Trace concrete debris.	7.1% moisture
		Trace organics at 9'.	
		Petroleum odor, trace plastic debris at 10'.	
		Becomes wet, contains wood debris at 14'.	
	15 - 16	Gray SAND with some silt and gravel, medium dense, wet. (FILL)	
		Terminated at 16 feet. No groundwater seepage encountered.	
TP-111	Surface	Recycled asphalt - 5"	
	0 - 2.5	Gray silty SAND with some gravel, medium dense, moist. (FILL)	
	2.5 - 8	Gray silty sandy GRAVEL, medium dense, moist to wet. (FILL) Trace metal, plastic, brick, wood, concrete debris.	4.2% moisture
		Petroleum odor at 7' to 8'.	
		Terminated at 8 feet. No groundwater seepage encountered.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-112	Surface	Recycled asphalt - 2"	
	0 - 1	Recycled 4" minus concrete. (FILL)	
	1 - 6	Gray silty SAND with some gravel, medium dense, moist. (FILL) Becomes medium dense to dense at 4'.	
	6 - 8	Brown gravelly SAND with some silt, medium dense, moist. (FILL) Trace fabric and asphalt debris. Concrete chunks at 7' to 8'.	
	8 - 12	Gray silty SAND with some gravel, loose to medium dense, moist to wet. (FILL)	
	12 - 16	Gray silty SAND to sandy SILT with some gravel, loose to medium dense, wet. (FILL) Becomes medium dense at 15'. Contains organics at 16'.	
	16 - 17	Gray SAND with some silt and gravel, medium dense, moist to wet. (FILL)	
		Terminated at 17 feet. No groundwater seepage encountered.	
TP-113	Surface	Recycled asphalt - 12"	
	0 - 1	Recycled asphalt (FILL) Light groundwater seepage at 1'.	
	1 - 14	Gray silty SAND with trace gravel, medium dense, wet. (FILL) Becomes moist, trace concrete, wood, and fabric debris at 4'. Becomes loose to medium dense, wet, and contains wood debris at 9'.	9.9% moisture 16.2% fines
	14 - 16	Brown silty SAND to sandy SILT with some gravel, medium dense, wet. (FILL)	
		Terminated at 16 feet. Light groundwater seepage at 1'.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-114	Surface	Recycled asphalt - 12"	
	0 - 1	Recycled asphalt . (FILL) Light groundwater seepage at 1'.	
	1 - 6	Tan silty medium SAND with some gravel, medium dense, moist to wet. (FILL)	8.6% moisture
	6 - 10	Gray silty SAND with some gravel, medium dense, wet. (FILL) Some organics at 7'.	
		Terminated at 10 feet. Light groundwater seepage at 1'.	
TP-115	Surface	Grass	
	0 - 1	Brown silty SAND with some gravel, loose, saturated. (FILL) Contains asphalt and concrete debris.	
	1 - 10.5	Tan silty SAND with some gravel, medium dense, moist to wet. (FILL) Becomes moist at 3'. Becomes gray, trace wood debris at 5'. Becomes loose to medium dense, wet at 10'.	15.4% moisture
		Terminated at 10.5 feet. No groundwater seepage encountered.	
TP-116	Surface	Recycled asphalt - 4"	
	0 - 1	Recycled concrete. (FILL) Light groundwater seepage at 1'.	
	1 - 10	Brown silty SAND with some gravel, medium dense, moist to wet. (FILL) Trace brick, concrete, asphalt debris. Becomes gray, trace concrete, metal, plastic, organic debris at 7' to 10'.	
		Terminated at 10 feet. Light groundwater seepage at 1'.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-117	Surface	Recycled asphalt - 6"	
	0 - 3.5	Tan silty SAND with some gravel, medium dense, moist. (FILL)	14.1% moisture
	3.5 - 7	Gray SILT, medium stiff, moist. (FILL) Contains brick and wood debris.	
	7 - 8	Gray silty SAND with some gravel, medium dense, moist. (FILL)	
		Terminated at 8 feet. No groundwater seepage encountered.	
TP-118	Surface	Sand and gravel	
	0 - 0.5	Brown SAND with some gravel, medium dense, moist. (FILL)	
	0.5 - 5	Gray silty SAND with some gravel, dense to very dense, moist. (FILL) Becomes moist to wet at 4.5'.	7.2% moisture
		Terminated at 5 feet. No groundwater seepage encountered.	
TP-119	Surface	Grass	
	0 - 0.5	Tan silty SAND with some gravel, loose, saturated. (FILL) Light seepage at 0.5'.	
	0.5 - 5	Tan sandy GRAVEL with some silt, medium dense, moist to wet. (FILL) Becomes gray at 2.5'	4.8% moisture 9.1% fines
	5 - 9	Tan silty SAND with some gravel, loose to medium dense, moist to wet. (FILL) Becomes moist at 7'.	
	9 - 10	Gray to tan SILT, medium stiff, moist to wet. (FILL)	
		Terminated at 10 feet. Light groundwater seepage at 0.5'.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-120	Surface	Gravel	
Env. Test Pit TP-1	0 - 1	Brown silty sandy GRAVEL, medium dense, moist to wet. (FILL) Trace organics.	
	1 - 4	Dark brown silty SAND with some gravel, loose, wet. (FILL) Contains organics, wood, glass debris, occasional chunk of clay.	
	4 - 6	Gray silty CLAY, soft, wet. (FILL)	
	6 - 7	Tan silty SAND with some gravel, medium dense, moist to wet. (FILL)	
	7 - 8	Gray sandy SILT, medium stiff, moist to wet. (FILL) Trace rebar debris.	
	8 - 9	Tan SILT with some sand, medium stiff, moist to wet. (FILL)	
		Terminated at 9 feet. No groundwater seepage encountered.	
TP-121	Surface	Gravel	
Env. Test Pit TP-2	0 - 2	Gray to brown silty SAND with some gravel, medium dense,moist. (FILL) Trace brick and some organic debris.	
		Terminated at 2 feet. No groundwater seepage encountered.	
TP-122	Surface	Gravel	
Env. Test Pit TP-3	0 - 0.5	Brown silty sandy GRAVEL, medium dense, moist to wet. (FILL)	
	0.5 - 2	Brown silty SAND with some gravel, medium dense, moist to wet. (FILL) Contains organics and occasional chunks of clay.	
		Terminated at 2 feet. No groundwater seepage encountered.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-123	Surface	Recycled concrete - 8"	
Env. Test Pit TP-4	0 - 2	Gray silty SAND with some gravel, medium dense, moist to wet. (FILL)	
		Terminated at 2 feet. No groundwater seepage encountered.	
TP-124	Surface	Gravel	
Env. Test Pit TP-5	0 - 2	Gray to brown silty SAND with some gravel, medium dense,moist. (FILL) Trace brick and some organic debris.	
		Terminated at 2 feet. No groundwater seepage encountered.	
TP-125	Surface	Recycled asphalt - 12"	
	0 - 1	Recycled asphalt. (FILL)	
	1 - 2	Gray silty SAND with some gravel, medium dense, moist. (FILL)	
		Terminated at 2 feet. No groundwater seepage encountered.	
TP-126	Surface	Grass, blackberries	
Env. Test Pit TP-6	0 - 2	Brown silty SAND with some gravel, loose, wet. (FILL) Becomes medium dense, moist to wet at 1'. Trace brick debris.	
		Terminated at 2 feet. No groundwater seepage encountered.	
TP-127	Surface	Recycled asphalt - 6"	
Env. Test Pit TP-7	0 - 2	Tan silty SAND with some gravel, medium dense, moist to wet. (FILL)	
		Terminated at 2 feet. No groundwater seepage encountered.	

Logged By: ELW Date: 3/6/12

Test Pit No.	Depth (ft)	Soil Description	Notes
TP-128 Env. Test Pit TP-8	Surface 0 - 2	Recycled asphalt - 6" Tan silty SAND with some gravel, medium dense, moist to wet. (FILL) Terminated at 2 feet. No groundwater seepage encountered.	
TP-129 Env. Test Pit TP-9	Surface 0 - 2	Recycled asphalt - 8" Tan silty SAND with some gravel, medium dense, moist to wet. (FILL) Terminated at 2 feet. No groundwater seepage encountered.	
TP-130 Env. Test Pit TP-10	Surface 0 - 2	Recycled asphalt - 6" Gray silty SAND with some gravel, medium dense, moist to wet. (FILL) Terminated at 2 feet. No groundwater seepage encountered.	

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	TP-101
PROJECT NO.	2012-088	**SAMPLE DEPTH**	2.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	210.60
Wt Dry Soil & Tare (gm)	(w2)	190.10
Weight of Tare (gm)	(w3)	8.40
Weight of Water (gm)	(w4=w1-w2)	20.50
Weight of Dry Soil (gm)	(w5=w2-w3)	181.70
Moisture Content (%)	(w4/w5)*100	11.28

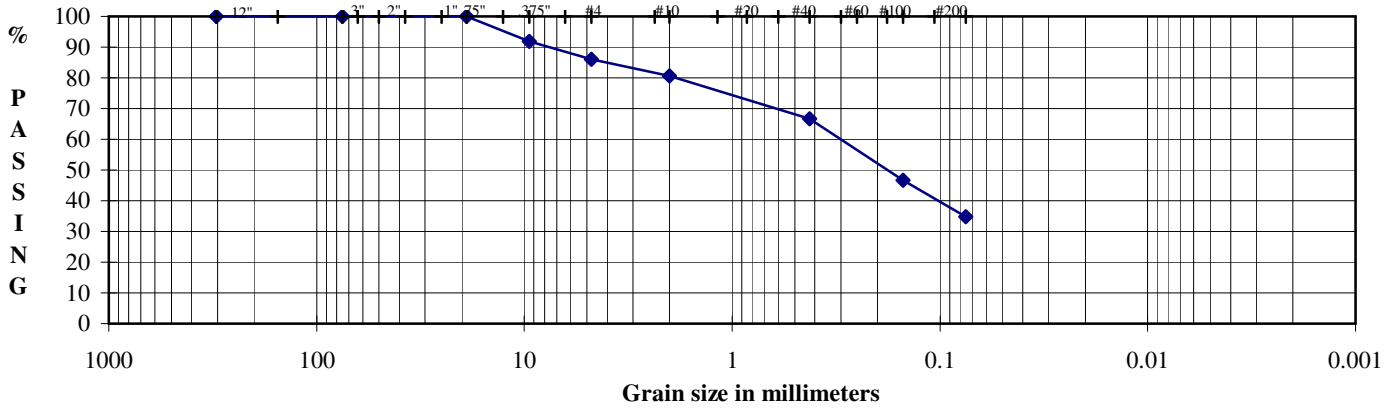
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		190.10
Tare Weight (gm)		8.40
(W6) Total Dry Weight (gm)		181.70

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**13.87**
% C SAND	**5.50**
% M SAND	**14.03**
% F SAND	**31.81**
% FINES	**34.78**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.40	0.00	0.00	100.00	cobbles
3.0"	8.40	0.00	0.00	100.00	coarse gravel
2.5"	8.40	0.00	0.00	100.00	coarse gravel
2.0"	8.40	0.00	0.00	100.00	coarse gravel
1.5"	8.40	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.40	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	23.30	14.90	8.20	91.80	fine gravel
#4	33.60	25.20	13.87	86.13	coarse sand
#10	43.60	35.20	19.37	80.63	medium sand
#20					medium sand
#40	69.10	60.70	33.41	66.59	fine sand
#60					fine sand
#100	105.20	96.80	53.27	46.73	fine sand
#200	126.90	118.50	65.22	34.78	fines
PAN	190.10	181.70	100.00	0.00	silt/clay



DESCRIPTION Silty SAND with trace gravel

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	TP-104
PROJECT NO.	2012-088	**SAMPLE DEPTH**	3.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	155.40
Wt Dry Soil & Tare (gm)	(w2)	132.60
Weight of Tare (gm)	(w3)	8.30
Weight of Water (gm)	(w4=w1-w2)	22.80
Weight of Dry Soil (gm)	(w5=w2-w3)	124.30
Moisture Content (%)	(w4/w5)*100	18.34

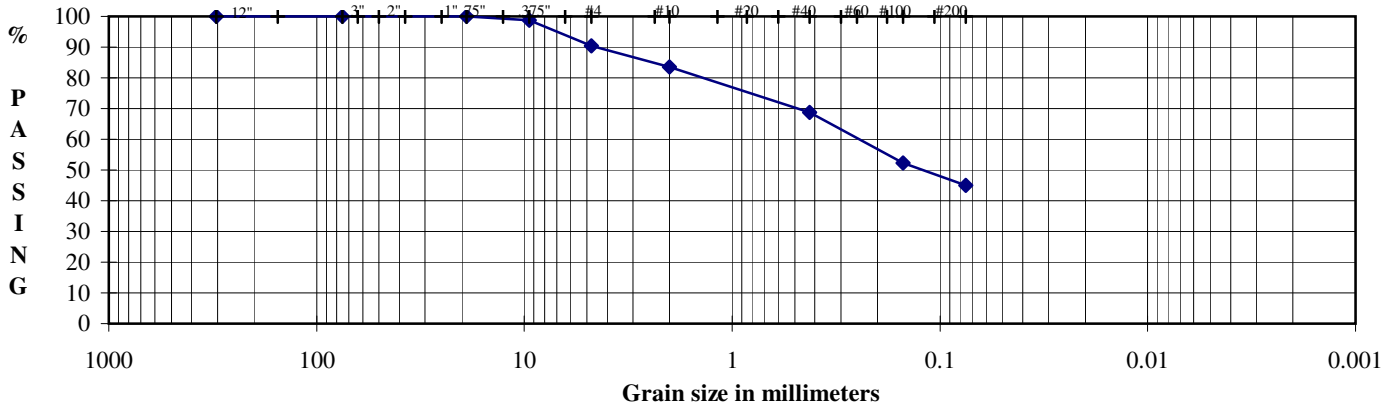
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		132.60
Tare Weight (gm)		8.30
(W6) Total Dry Weight (gm)		124.30

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**9.65**
% C SAND	**6.76**
% M SAND	**14.80**
% F SAND	**23.81**
% FINES	**44.97**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.30	0.00	0.00	100.00	cobbles
3.0"	8.30	0.00	0.00	100.00	coarse gravel
2.5"	8.30	0.00	0.00	100.00	coarse gravel
2.0"	8.30	0.00	0.00	100.00	coarse gravel
1.5"	8.30	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.30	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	9.80	1.50	1.21	98.79	fine gravel
#4	20.30	12.00	9.65	90.35	coarse sand
#10	28.70	20.40	16.41	83.59	medium sand
#20					medium sand
#40	47.10	38.80	31.21	68.79	fine sand
#60					fine sand
#100	67.70	59.40	47.79	52.21	fine sand
#200	76.70	68.40	55.03	44.97	fines
PAN	132.60	124.30	100.00	0.00	silt/clay



DESCRIPTION Silty SAND with trace gravel

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	TP-105
PROJECT NO.	2012-088	**SAMPLE DEPTH**	3.0'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	271.50
Wt Dry Soil & Tare (gm)	(w2)	237.80
Weight of Tare (gm)	(w3)	8.20
Weight of Water (gm)	(w4=w1-w2)	33.70
Weight of Dry Soil (gm)	(w5=w2-w3)	229.60
Moisture Content (%)	(w4/w5)*100	14.68

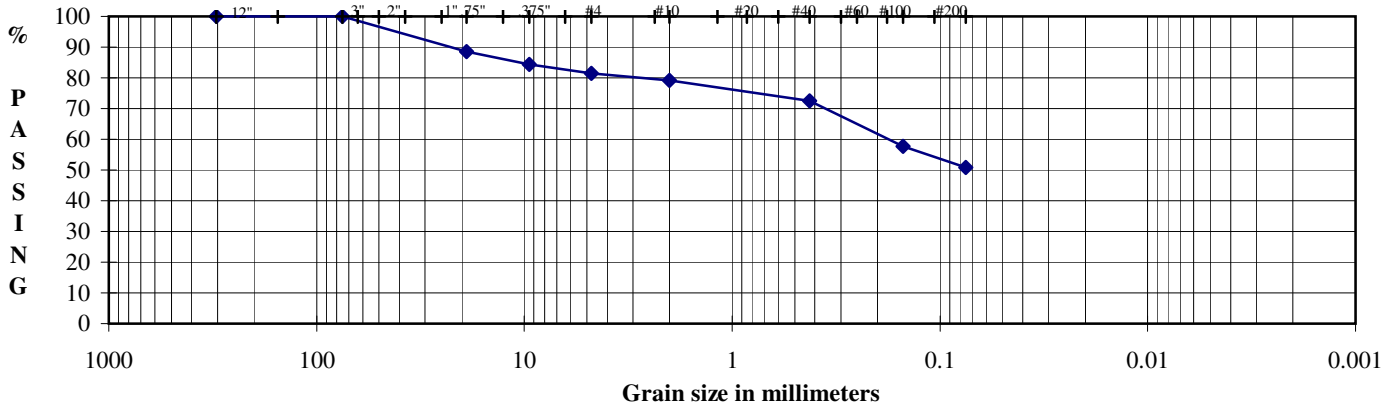
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		237.80
Tare Weight (gm)		8.20
Total Dry Weight (gm)	(W6)	229.60

% COBBLES	**0.00**
% C GRAVEL	**11.50**
% F GRAVEL	**7.01**
% C SAND	**2.40**
% M SAND	**6.62**
% F SAND	**21.73**
% FINES	**50.74**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.20	0.00	0.00	100.00	cobbles
3.0"	8.20	0.00	0.00	100.00	coarse gravel
2.5"	8.20	0.00	0.00	100.00	coarse gravel
2.0"	8.20	0.00	0.00	100.00	coarse gravel
1.5"	8.20	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	34.60	26.40	11.50	88.50	fine gravel
0.50"					fine gravel
0.375"	44.20	36.00	15.68	84.32	fine gravel
#4	50.70	42.50	18.51	81.49	coarse sand
#10	56.20	48.00	20.91	79.09	medium sand
#20					medium sand
#40	71.40	63.20	27.53	72.47	fine sand
#60					fine sand
#100	105.50	97.30	42.38	57.62	fine sand
#200	121.30	113.10	49.26	50.74	fines
PAN	237.80	229.60	100.00	0.00	silt/clay



DESCRIPTION Sandy SILT with some gravel

USCS ML

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	TP-107
PROJECT NO.	2012-088	**SAMPLE DEPTH**	3.0'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	336.80
Wt Dry Soil & Tare (gm)	(w2)	296.70
Weight of Tare (gm)	(w3)	8.40
Weight of Water (gm)	(w4=w1-w2)	40.10
Weight of Dry Soil (gm)	(w5=w2-w3)	288.30
Moisture Content (%)	(w4/w5)*100	13.91

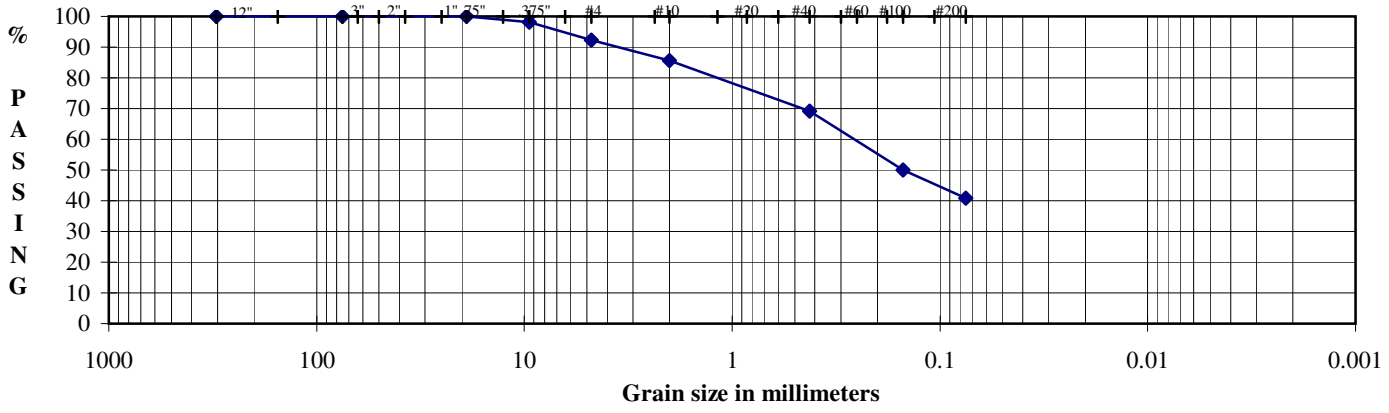
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		296.70
Tare Weight (gm)		8.40
(W6) Total Dry Weight (gm)		288.30

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**7.73**
% C SAND	**6.66**
% M SAND	**16.41**
% F SAND	**28.44**
% FINES	**40.76**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.40	0.00	0.00	100.00	cobbles
3.0"	8.40	0.00	0.00	100.00	coarse gravel
2.5"	8.40	0.00	0.00	100.00	coarse gravel
2.0"	8.40	0.00	0.00	100.00	coarse gravel
1.5"	8.40	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.40	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	14.00	5.60	1.94	98.06	fine gravel
#4	30.70	22.30	7.73	92.27	coarse sand
#10	49.90	41.50	14.39	85.61	medium sand
#20					medium sand
#40	97.20	88.80	30.80	69.20	fine sand
#60					fine sand
#100	152.50	144.10	49.98	50.02	fine sand
#200	179.20	170.80	59.24	40.76	fines
PAN	296.70	288.30	100.00	0.00	silt/clay



DESCRIPTION Silty SAND with trace gravel

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	TP-113
PROJECT NO.	2012-088	**SAMPLE DEPTH**	2.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	282.30
Wt Dry Soil & Tare (gm)	(w2)	257.50
Weight of Tare (gm)	(w3)	8.20
Weight of Water (gm)	(w4=w1-w2)	24.80
Weight of Dry Soil (gm)	(w5=w2-w3)	249.30
Moisture Content (%)	(w4/w5)*100	9.95

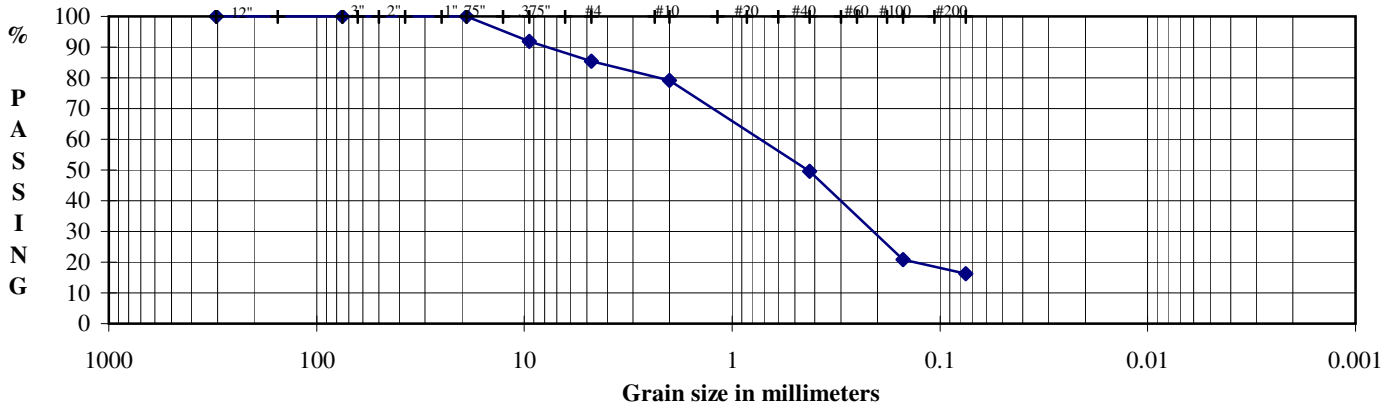
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		257.50
Tare Weight (gm)		8.20
Total Dry Weight (gm)	(W6)	249.30

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**14.48**
% C SAND	**6.42**
% M SAND	**29.44**
% F SAND	**33.45**
% FINES	**16.21**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.20	0.00	0.00	100.00	cobbles
3.0"	8.20	0.00	0.00	100.00	coarse gravel
2.5"	8.20	0.00	0.00	100.00	coarse gravel
2.0"	8.20	0.00	0.00	100.00	coarse gravel
1.5"	8.20	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.20	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	28.50	20.30	8.14	91.86	fine gravel
#4	44.30	36.10	14.48	85.52	coarse sand
#10	60.30	52.10	20.90	79.10	medium sand
#20					medium sand
#40	133.70	125.50	50.34	49.66	fine sand
#60					fine sand
#100	205.50	197.30	79.14	20.86	fine sand
#200	217.10	208.90	83.79	16.21	fines
PAN	257.50	249.30	100.00	0.00	silt/clay



DESCRIPTION Silty SAND with trace gravel

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	TP-119
PROJECT NO.	2012-088	**SAMPLE DEPTH**	1.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	272.40
Wt Dry Soil & Tare (gm)	(w2)	260.40
Weight of Tare (gm)	(w3)	8.30
Weight of Water (gm)	(w4=w1-w2)	12.00
Weight of Dry Soil (gm)	(w5=w2-w3)	252.10
Moisture Content (%)	(w4/w5)*100	4.76

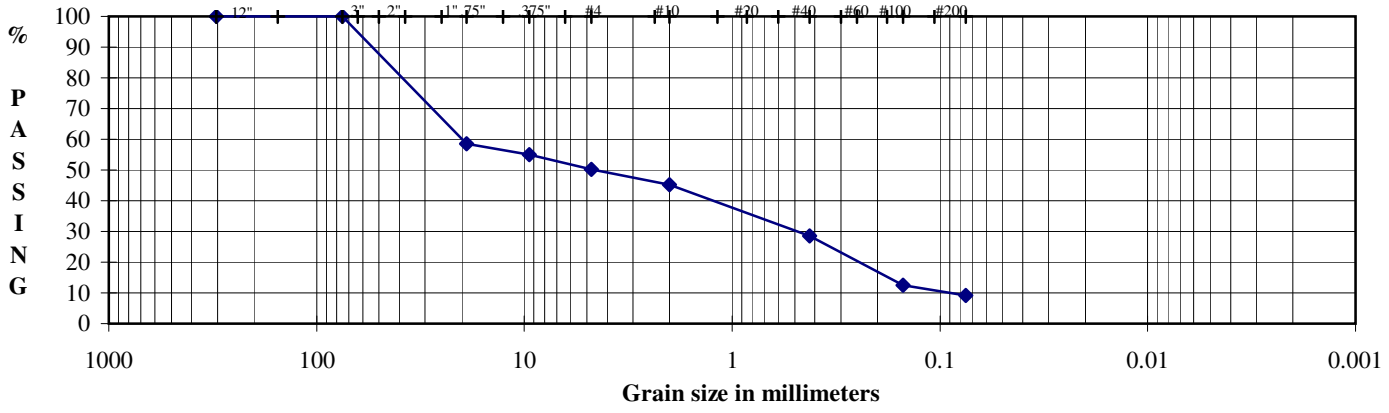
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		260.40
Tare Weight (gm)		8.30
Total Dry Weight (gm)	(W6)	252.10

% COBBLES	**0.00**
% C GRAVEL	**41.53**
% F GRAVEL	**8.25**
% C SAND	**4.96**
% M SAND	**16.74**
% F SAND	**19.44**
% FINES	**9.08**
% TOTAL	**100.00**
D10 (mm)	0.08
D30 (mm)	0.5
D60 (mm)	19
Cu	30.0
Cc	1.0

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.30	0.00	0.00	100.00	cobbles
3.0"	8.30	0.00	0.00	100.00	coarse gravel
2.5"	8.30	0.00	0.00	100.00	coarse gravel
2.0"	8.30	0.00	0.00	100.00	coarse gravel
1.5"	8.30	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	113.00	104.70	41.53	58.47	fine gravel
0.50"					fine gravel
0.375"	121.90	113.60	45.06	54.94	fine gravel
#4	133.80	125.50	49.78	50.22	coarse sand
#10	146.30	138.00	54.74	45.26	medium sand
#20					medium sand
#40	188.50	180.20	71.48	28.52	fine sand
#60					fine sand
#100	229.00	220.70	87.54	12.46	fine sand
#200	237.50	229.20	90.92	9.08	fines
PAN	260.40	252.10	100.00	0.00	silt/clay



DESCRIPTION Sandy GRAVEL with some silt

USCS GP-GM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

THE RILEY GROUP, INC.
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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-1
PROJECT NO.	2012-088	**SAMPLE DEPTH**	35.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	258.00
Wt Dry Soil & Tare (gm)	(w2)	246.90
Weight of Tare (gm)	(w3)	8.40
Weight of Water (gm)	(w4=w1-w2)	11.10
Weight of Dry Soil (gm)	(w5=w2-w3)	238.50
Moisture Content (%)	(w4/w5)*100	4.65

Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

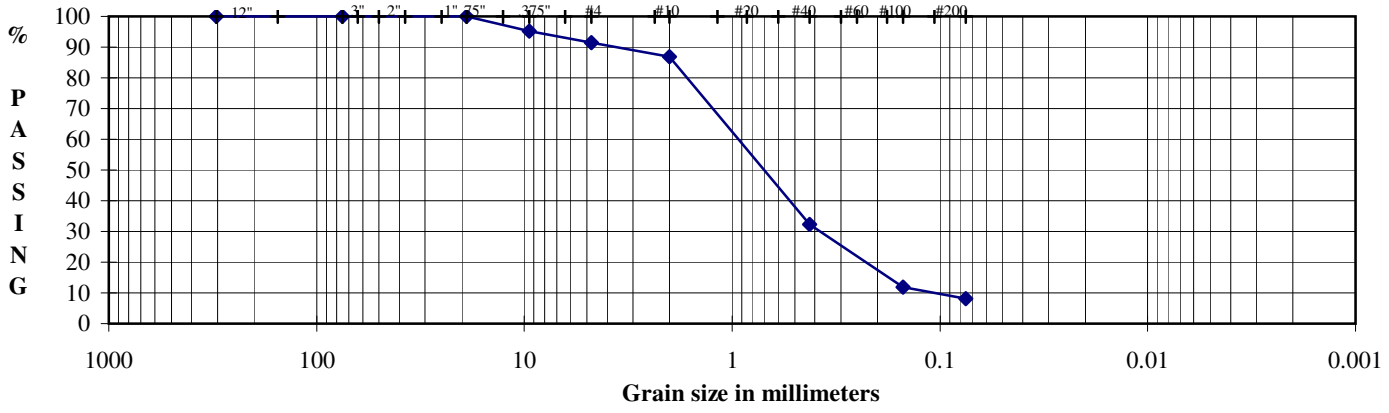
Weight Of Sample (gm)		246.90
Tare Weight (gm)		8.40
Total Dry Weight (gm)	(W6)	238.50

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**8.60**
% C SAND	**4.53**
% M SAND	**54.68**
% F SAND	**23.98**
% FINES	**8.22**
% TOTAL	**100.00**

D10 (mm)	0.1
D30 (mm)	0.4
D60 (mm)	0.9
Cu	30.0
Cc	1.0

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.40	0.00	0.00	100.00	cobbles
3.0"	8.40	0.00	0.00	100.00	coarse gravel
2.5"	8.40	0.00	0.00	100.00	coarse gravel
2.0"	8.40	0.00	0.00	100.00	coarse gravel
1.5"	8.40	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.40	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	19.60	11.20	4.70	95.30	fine gravel
#4	28.90	20.50	8.60	91.40	coarse sand
#10	39.70	31.30	13.12	86.88	medium sand
#20					medium sand
#40	170.10	161.70	67.80	32.20	fine sand
#60					fine sand
#100	218.70	210.30	88.18	11.82	fine sand
#200	227.30	218.90	91.78	8.22	fines
PAN	246.90	238.50	100.00	0.00	silt/clay



DESCRIPTION SAND with some silt and trace gravel

USCS SW-SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

A-28

THE RILEY GROUP, INC.
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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-1
PROJECT NO.	2012-088	**SAMPLE DEPTH**	40.0'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	221.20
Wt Dry Soil & Tare (gm)	(w2)	209.00
Weight of Tare (gm)	(w3)	8.20
Weight of Water (gm)	(w4=w1-w2)	12.20
Weight of Dry Soil (gm)	(w5=w2-w3)	200.80
Moisture Content (%)	(w4/w5)*100	6.08

Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

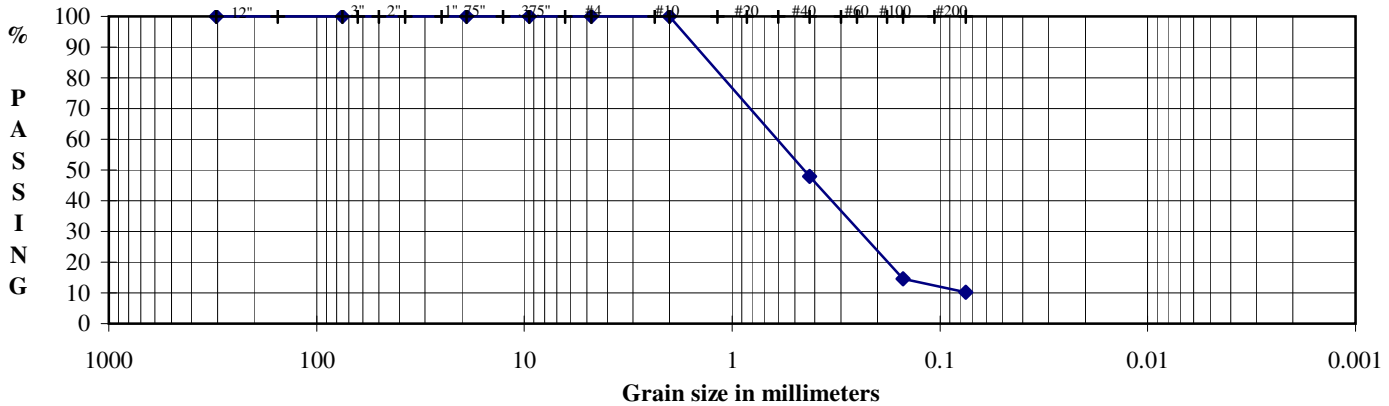
Weight Of Sample (gm)		209.00
Tare Weight (gm)		8.20
Total Dry Weight (gm)	(W6)	200.80

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**0.00**
% C SAND	**0.00**
% M SAND	**52.04**
% F SAND	**37.85**
% FINES	**10.11**
% TOTAL	**100.00**

D10 (mm)	0.075
D30 (mm)	0.25
D60 (mm)	0.6
Cu	30.0
Cc	1.0

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.20	0.00	0.00	100.00	cobbles
3.0"	8.20	0.00	0.00	100.00	coarse gravel
2.5"	8.20	0.00	0.00	100.00	coarse gravel
2.0"	8.20	0.00	0.00	100.00	coarse gravel
1.5"	8.20	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.20	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	8.20	0.00	0.00	100.00	fine gravel
#4	8.20	0.00	0.00	100.00	coarse sand
#10	8.20	0.00	0.00	100.00	medium sand
#20					medium sand
#40	112.70	104.50	52.04	47.96	fine sand
#60					fine sand
#100	179.70	171.50	85.41	14.59	fine sand
#200	188.70	180.50	89.89	10.11	fines
PAN	209.00	200.80	100.00	0.00	silt/clay



DESCRIPTION SAND with some silt

USCS SW-SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-1
PROJECT NO.	2012-088	**SAMPLE DEPTH**	45.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	259.90
Wt Dry Soil & Tare (gm)	(w2)	227.20
Weight of Tare (gm)	(w3)	8.40
Weight of Water (gm)	(w4=w1-w2)	32.70
Weight of Dry Soil (gm)	(w5=w2-w3)	218.80
Moisture Content (%)	(w4/w5)*100	14.95

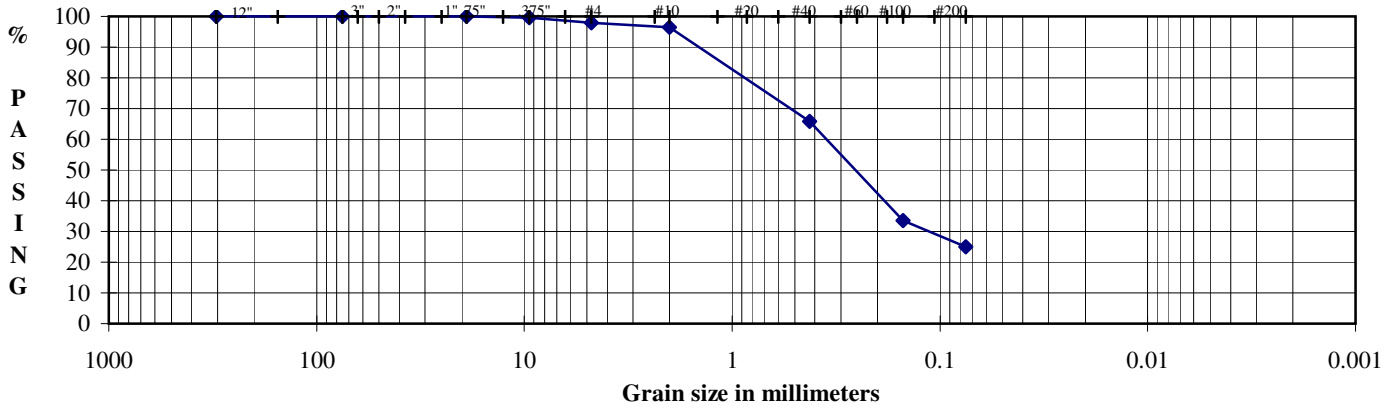
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		227.20
Tare Weight (gm)		8.40
Total Dry Weight (gm)	(W6)	218.80

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**2.06**
% C SAND	**1.42**
% M SAND	**30.76**
% F SAND	**40.81**
% FINES	**24.95**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.40	0.00	0.00	100.00	cobbles
3.0"	8.40	0.00	0.00	100.00	coarse gravel
2.5"	8.40	0.00	0.00	100.00	coarse gravel
2.0"	8.40	0.00	0.00	100.00	coarse gravel
1.5"	8.40	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.40	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	9.30	0.90	0.41	99.59	fine gravel
#4	12.90	4.50	2.06	97.94	coarse sand
#10	16.00	7.60	3.47	96.53	medium sand
#20					medium sand
#40	83.30	74.90	34.23	65.77	fine sand
#60					fine sand
#100	154.00	145.60	66.54	33.46	fine sand
#200	172.60	164.20	75.05	24.95	fines
PAN	227.20	218.80	100.00	0.00	silt/clay



DESCRIPTION Silty SAND

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

A-30

THE RILEY GROUP, INC.
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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-2
PROJECT NO.	2012-088	**SAMPLE DEPTH**	35.0'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	319.40
Wt Dry Soil & Tare (gm)	(w2)	297.40
Weight of Tare (gm)	(w3)	8.40
Weight of Water (gm)	(w4=w1-w2)	22.00
Weight of Dry Soil (gm)	(w5=w2-w3)	289.00
Moisture Content (%)	(w4/w5)*100	7.61

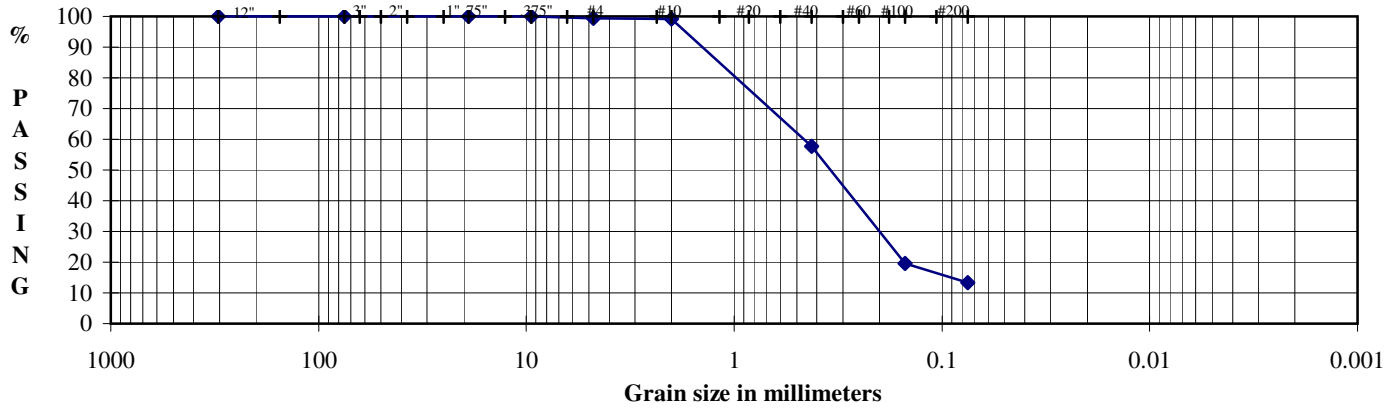
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		297.40
Tare Weight (gm)		8.40
Total Dry Weight (gm)	(W6)	289.00

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**0.59**
% C SAND	**0.28**
% M SAND	**41.42**
% F SAND	**44.36**
% FINES	**13.36**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.40	0.00	0.00	100.00	cobbles
3.0"	8.40	0.00	0.00	100.00	coarse gravel
2.5"	8.40	0.00	0.00	100.00	coarse gravel
2.0"	8.40	0.00	0.00	100.00	coarse gravel
1.5"	8.40	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.40	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	8.40	0.00	0.00	100.00	fine gravel
#4	10.10	1.70	0.59	99.41	coarse sand
#10	10.90	2.50	0.87	99.13	medium sand
#20					medium sand
#40	130.60	122.20	42.28	57.72	fine sand
#60					fine sand
#100	240.60	232.20	80.35	19.65	fine sand
#200	258.80	250.40	86.64	13.36	fines
PAN	297.40	289.00	100.00	0.00	silt/clay



DESCRIPTION Silty SAND

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

A-31

THE RILEY GROUP, INC.
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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-2
PROJECT NO.	2012-088	**SAMPLE DEPTH**	40.0'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	282.40
Wt Dry Soil & Tare (gm)	(w2)	270.70
Weight of Tare (gm)	(w3)	8.20
Weight of Water (gm)	(w4=w1-w2)	11.70
Weight of Dry Soil (gm)	(w5=w2-w3)	262.50
Moisture Content (%)	(w4/w5)*100	4.46

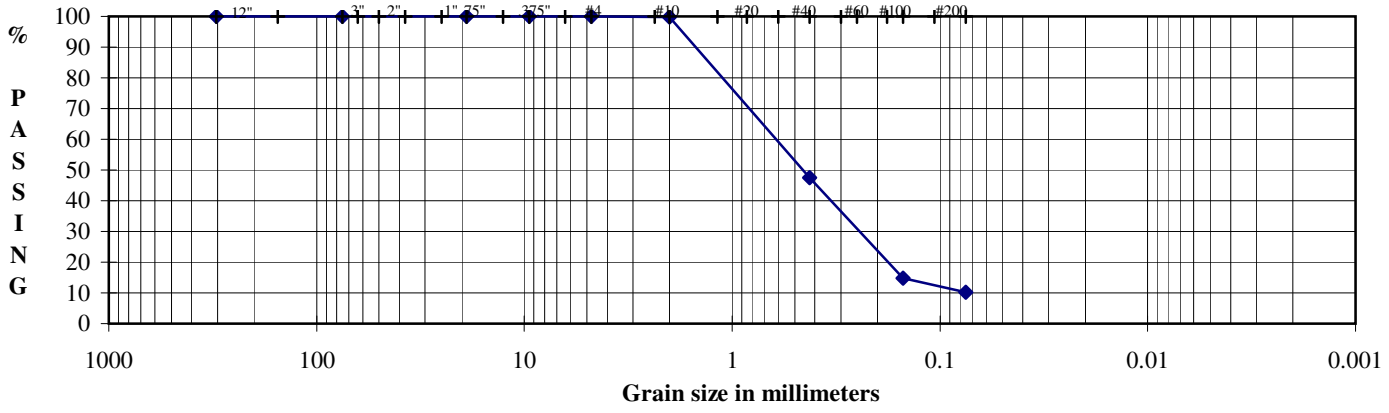
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		270.70
Tare Weight (gm)		8.20
Total Dry Weight (gm)	(W6)	262.50

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**0.00**
% C SAND	**0.11**
% M SAND	**52.30**
% F SAND	**37.41**
% FINES	**10.17**
% TOTAL	**100.00**
D10 (mm)	0.072
D30 (mm)	0.25
D60 (mm)	0.6
Cu	30.0
Cc	1.0

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.20	0.00	0.00	100.00	cobbles
3.0"	8.20	0.00	0.00	100.00	coarse gravel
2.5"	8.20	0.00	0.00	100.00	coarse gravel
2.0"	8.20	0.00	0.00	100.00	coarse gravel
1.5"	8.20	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.20	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	8.20	0.00	0.00	100.00	fine gravel
#4	8.20	0.00	0.00	100.00	coarse sand
#10	8.50	0.30	0.11	99.89	medium sand
#20					medium sand
#40	145.80	137.60	52.42	47.58	fine sand
#60					fine sand
#100	231.60	223.40	85.10	14.90	fine sand
#200	244.00	235.80	89.83	10.17	fines
PAN	270.70	262.50	100.00	0.00	silt/clay



DESCRIPTION SAND with some silt

USCS SW-SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-2
PROJECT NO.	2012-088	**SAMPLE DEPTH**	45.0'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

Wt Wet Soil & Tare (gm)	(w1)	185.80
Wt Dry Soil & Tare (gm)	(w2)	165.70
Weight of Tare (gm)	(w3)	8.20
Weight of Water (gm)	(w4=w1-w2)	20.10
Weight of Dry Soil (gm)	(w5=w2-w3)	157.50
Moisture Content (%)	(w4/w5)*100	12.76

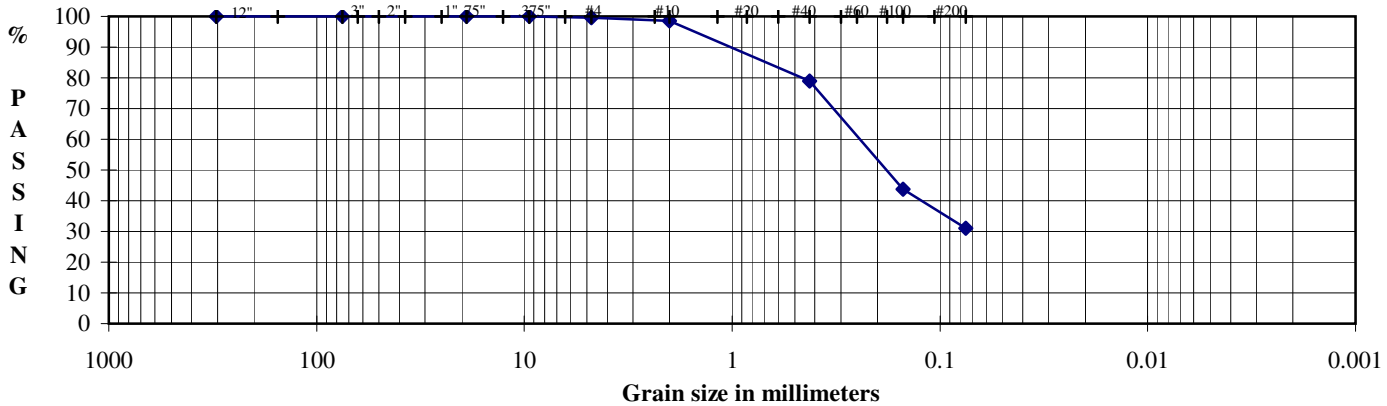
Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		165.70
Tare Weight (gm)		8.20
Total Dry Weight (gm)	(W6)	157.50

% COBBLES	**0.00**
% C GRAVEL	**0.00**
% F GRAVEL	**0.38**
% C SAND	**1.08**
% M SAND	**19.62**
% F SAND	**47.87**
% FINES	**31.05**
% TOTAL	**100.00**
D10 (mm)	
D30 (mm)	
D60 (mm)	
Cu	
Cc	

SIEVE ANALYSIS

	Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
12.0"	8.20	0.00	0.00	100.00	cobbles
3.0"	8.20	0.00	0.00	100.00	coarse gravel
2.5"	8.20	0.00	0.00	100.00	coarse gravel
2.0"	8.20	0.00	0.00	100.00	coarse gravel
1.5"	8.20	0.00	0.00	100.00	coarse gravel
1.0"					coarse gravel
0.75"	8.20	0.00	0.00	100.00	fine gravel
0.50"					fine gravel
0.375"	8.20	0.00	0.00	100.00	fine gravel
#4	8.80	0.60	0.38	99.62	coarse sand
#10	10.50	2.30	1.46	98.54	medium sand
#20					medium sand
#40	41.40	33.20	21.08	78.92	fine sand
#60					fine sand
#100	96.80	88.60	56.25	43.75	fine sand
#200	116.80	108.60	68.95	31.05	fines
PAN	165.70	157.50	100.00	0.00	silt/clay



DESCRIPTION Silty SAND

USCS SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

A-33

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GRAIN SIZE ANALYSIS
ASTM D 421, D 2217, D 1140, C 117, D 422, C 136

PROJECT TITLE	Prpsd FedEx Distribution Cntr	**SAMPLE ID/TYPE**	B-2
PROJECT NO.	2012-088	**SAMPLE DEPTH**	45.5'
TECH/DATE	ELW 3/13/2012		

WATER CONTENT (Delivered Moisture)

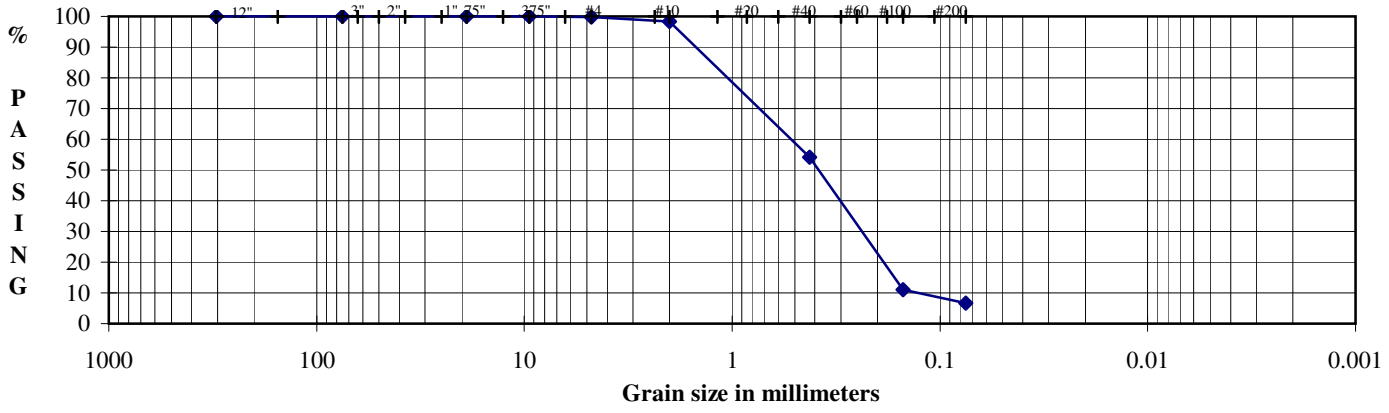
Wt Wet Soil & Tare (gm)	(w1)	181.40
Wt Dry Soil & Tare (gm)	(w2)	165.80
Weight of Tare (gm)	(w3)	8.40
Weight of Water (gm)	(w4=w1-w2)	15.60
Weight of Dry Soil (gm)	(w5=w2-w3)	157.40
Moisture Content (%)	(w4/w5)*100	9.91

Total Weight Of Sample Used For Sieve Corrected For Hygroscopic Moisture

Weight Of Sample (gm)		165.80
Tare Weight (gm)		8.40
Total Dry Weight (gm)	(W6)	157.40

SIEVE ANALYSIS

		Wt Ret +Tare	(Wt-Tare)	Cumulative (%Retained) {(wt ret/w6)*100}	% PASS (100-%ret)	
% COBBLES	**0.00**	12.0"	8.40	0.00	0.00	100.00	cobbles
% C GRAVEL	**0.00**	3.0"	8.40	0.00	0.00	100.00	coarse gravel
% F GRAVEL	**0.25**	2.5"	8.40	0.00	0.00	100.00	coarse gravel
% C SAND	**1.40**	2.0"	8.40	0.00	0.00	100.00	coarse gravel
% M SAND	**44.22**	1.5"	8.40	0.00	0.00	100.00	coarse gravel
% F SAND	**47.52**	1.0"					coarse gravel
% FINES	**6.61**	0.75"	8.40	0.00	0.00	100.00	fine gravel
% TOTAL	**100.00**	0.50"					fine gravel
		0.375"	8.40	0.00	0.00	100.00	fine gravel
D10 (mm)	0.14	#4	8.80	0.40	0.25	99.75	coarse sand
D30 (mm)	0.25	#10	11.00	2.60	1.65	98.35	medium sand
D60 (mm)	0.53	#20					medium sand
Cu	30.0	#40	80.60	72.20	45.87	54.13	fine sand
Cc	1.0	#60					fine sand
		#100	148.40	140.00	88.95	11.05	fine sand
		#200	155.40	147.00	93.39	6.61	fines
		PAN	165.80	157.40	100.00	0.00	silt/clay



DESCRIPTION SAND with some silt

USCS SP-SM

Descriptive Terms

trace	0 to 5%
little	5 to 12%
some	12 to 30%
and	30 to 50%

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PREPARED BY:

THE RILEY GROUP, INC.
17522 BOTHELL WAY NORTHEAST
BOTHELL, WASHINGTON 98011

PREPARED FOR:

SCANNELL DEVELOPMENT COMPANY
800 EAST 96TH STREET, SUITE 175
INDIANAPOLIS, INDIANA 46240

RGI PROJECT NO. 2012-089

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PROPOSED FEDEX UNION HILL
188TH AVENUE NORTHEAST
REDMOND, WASHINGTON 98052
TAX PARCEL NO. 0725069129 (LOTS 4, 5, 6, AND 7)

APRIL 3, 2012

EXECUTIVE SUMMARY

The Riley Group, Inc. (RGI) has performed this Phase I Environmental Site Assessment (ESA) for the Proposed FedEx Union Hill property located on 188th Avenue Northeast, Redmond, King County, Washington (hereafter referred to as the Site). The Site consists of tax lots 5, 6, and 7 and the southern portion of tax lot 4 within tax parcel number 0725069129. The Site is an undeveloped, reclaimed gravel pit and includes approximately 24 acres of land. The owners of the Site are identified as Taylor Union Hill LLC and Magnussen-Cadman LLC.

This Phase I ESA was performed to identify recognized environmental conditions (RECs) and business environmental risks (BERs) in accordance with the scope of work and procedures included within the American Society for Testing and Materials Standard Practice E1527-05 (ASTM E1527-05) and the Code of Federal Regulations Title 40 Part 312 (40 CFR 312). RGI understands that Scannell Development Company has requested that this Phase I ESA be conducted to evaluate risks associated with the ownership, development, use, and/or resale of the Site.

Detailed information is provided within the text of the following Phase I ESA. This Executive Summary, including findings, opinions, conclusions, and recommendations is not to be relied upon separately from the complete Phase I ESA.

USE OF THE SITE

A single-family residence was constructed in 1923 (on either the Site or an adjoining property due to shared parent parcels) and was reportedly heated by a wood stove. Two small ASTs (aboveground storage tanks, likely containing heating oil) were visible next to the residence in a historical photograph. The exact location of the ASTs is unknown. However, given that surficial soils on the Site were later removed during gravel mining activities, the former ASTs are not considered a potential risk to the soil or groundwater quality of the Site. An open-walled picnic shelter was constructed on either the Site or an adjoining property in 1937 and was heated by a wood stove.

Cadman Gravel Company (Cadman) purchased the Site in 1950 and mined the southeast corner of the Site between at least 1961 and 1970. The entire Site was mined for gravel by Cadman between approximately the early 1980s and 1990, and was reclaimed by the early 1990s. Fill brought to the Site during reclamation reportedly came from a variety of sources, but was primarily from the I-90 area. Importers of fill soils were reportedly required to sign documentation stating the fill was not contaminated, and the fill's appearance was monitored to avoid contaminated soil from being deposited. Contaminated soil was reportedly brought to the Site at one point, but was immediately removed. Nonetheless, fill from unknown sources is considered a potential REC.

Genie Industries leased a portion of the Site for use as a staging area and storage yard for trailers, shipping containers, and man lifts between approximately 2000 and 2010. Waste Management has leased a portion of the Site since approximately 2008. Waste Management utilizes this area for staging and storage of large trash containers (for scrap wood, cardboard, and building debris). Red-E Topsoil has occupied a portion of the Site since approximately 2009. The Red-E Topsoil area consists of topsoil piles and is associated with the north-adjoining property (also Red-E Topsoil). Schnitzer Steel Industries has leased a portion of the Site since approximately 2010. Schnitzer Steel Industries utilizes this area for staging and storage of empty, large, debris containers (formerly containing scrap steel).

Trepus Demolition has leased a portion of the Site since approximately 2005. This area is utilized for storage of large debris containers (for demolition debris such as concrete floor and steel), drums, and other miscellaneous items. Two concrete vaults are utilized to dry out leftover concrete slurry for easier disposal.

REGULATORY RECORDS REVIEW

The Site was not listed on any reviewed environmental regulatory databases. Several other properties within one mile of the Site were listed on various federal and/or state environmental regulatory databases. However, due to the nature of the database listings, media affected, property status, distance from the

Site, and/or inferred groundwater flow direction, these properties are not considered by RGI as a risk to the soil and/or groundwater quality of the Site at this time.

RECONNAISSANCE

RGI performed a reconnaissance on March 2, 2012. No non-utility-owned transformers, underground storage tanks (USTs), ASTs, groundwater monitoring wells, septic tanks, suspicious concrete or asphalt patches, floor drains, dry wells, or stressed vegetation were observed.

Apparent petroleum sheen was observed in a vegetated drainage ditch in the central portion of the Site, which is in the vicinity of Trepus Demolition. An unknown white sheen/residue was observed on pooled water behind debris containers associated with Schnitzer Steel Industries near the eastern boundary of the Site.

Numerous unlabeled, metal, rusty, 55-gallon drums (some empty and some with contents) were observed in the Trepus Demolition area. Most of the drums reportedly contain concrete slurry. Many of the drums were open without lids. Of the open drums, contents primarily included rainwater, concrete slurry, and metal parts and other debris. One drum was observed to contain oil. Some drums were stored on soil and some were on asphalt.

CONCLUSIONS AND RECOMMENDATIONS

RGI has performed a Phase I ESA in conformance with the scope of work required by ASTM E1527-05 and 40 CFR 312 for the Proposed FedEx Union Hill property located on 188th Avenue Northeast, Redmond, King County, Washington. Any exceptions to or deletions from this practice are described in Section 11.

Based on our Phase I ESA findings, no RECs and BERs according to ASTM E1527-05 were identified in connection with the Site or its setting, except the following:

- **Fill from Unknown Sources:** Cadman Gravel Company mined the Site between approximately the early 1980s and 1990. Fill brought to the Site during reclamation came from a variety of sources. Fill from unknown sources is considered a potential REC.
- **Apparent Petroleum Sheen in a Ditch:** Petroleum sheen was observed in a vegetated drainage ditch in the central portion of the Site, which is in the vicinity of Trepus Demolition's drum storage area. The source of the sheen is unknown, but may be from stormwater runoff from Trepus Demolition. The petroleum sheen is considered a potential REC.
- **White Sheen/Residue:** An unknown white sheen/residue was observed on pooled water behind debris containers associated with Schnitzer Steel Industries near the eastern boundary of the Site. The substance is unknown, but the source appears to be associated with the debris containers. The unknown white sheen/residue is considered a potential REC.
- **Unlabeled, Uncovered Drums:** Numerous unlabeled, uncovered, 55-gallon drums were observed in the Trepus Demolition area of the Site. Contents observed in the drums included concrete slurry, rainwater, debris, and oil. Some drums were stored on soil and some were on asphalt. The unlabeled, uncovered, 55-gallon drums are considered a BER.

RGI recommends a Preliminary Phase II Subsurface Investigation (Preliminary Phase II) be performed to determine whether or not the above-mentioned potential RECs have adversely affected the soil or groundwater quality at the Site. RGI additionally recommends that the drums be labeled with their contents, covered with drum lids, and not be stored on bare soil.

Based on our findings, RGI was authorized to perform a Preliminary Phase II (in conjunction with completing this Phase I ESA) to further evaluate the above-mentioned potential RECs. The Preliminary Phase II findings, conclusions, and recommendations will be presented under separate cover.

TABLE OF CONTENTS

1 INTRODUCTION 1
1.1 PURPOSE 1
1.2 SCOPE OF WORK 2
1.3 NON-ASTM CONSIDERATIONS 2
2 DESCRIPTION OF THE SITE 2
2.1 LOCATION 2
2.2 CHARACTERISTICS 2
2.3 GEOLOGY, SOILS, AND HYDROGEOLOGY 3
2.4 CURRENT USE OF THE SITE 3
2.5 CURRENT USES OF ADJOINING PROPERTIES 3
3 PROVIDED INFORMATION 3
3.1 TITLE REPORT 3
3.2 PREVIOUS ENVIRONMENTAL REPORTS 4
3.3 ASTM USER QUESTIONNAIRE 4
4 RECONNAISSANCE 5
4.1 OPERATIONS/PROCESSES 5
4.2 BUILDING INFORMATION 5
4.3 OBSERVATIONS 6
4.3.1 General Observations 6
4.3.2 Schnitzer Steel Industries 7
4.3.3 Waste Management 7
4.3.4 Trepus Demolition 7
4.3.5 Red-E Topsoil 7
4.4 POLYCHLORINATED BIPHENYLS (PCBS) AND MERCURY 8
4.5 UNDERGROUND AND ABOVEGROUND STORAGE TANKS (UST/AST) 8
4.6 ASBESTOS-CONTAINING MATERIAL (ACM) 8
4.7 LEAD-CONTAINING PAINT (LCP) 8
4.8 MOLD 8
4.9 METHANE GAS 8
5 INTERVIEWS 9
5.1 CURRENT OWNER 9
5.2 PREVIOUS OWNER(S) 9
6 GOVERNMENTAL REGULATORY AND MUNICIPAL RECORDS REVIEW 10
6.1 FEDERAL AND STATE REGULATORY RECORDS 10
6.1.1 The Site 10
6.1.2 Adjoining Properties 10
6.1.3 Other Properties 11
6.2 UNDERGROUND AND ABOVEGROUND STORAGE TANKS (USTS/ASTS) RECORDS 11
6.3 ENVIRONMENTAL COMPLAINTS AND HAZARDOUS MATERIAL RESPONSES 11
6.4 DRINKING WATER WELLS AND SEPTIC SYSTEMS RECORDS 11
6.5 WELL AND SOIL BORING LOGS 11
6.6 WELLHEAD PROTECTION ZONES REVIEW 12
6.7 UNDERGROUND INJECTION CONTROL (UIC) 12
6.8 RADON ZONES 12
6.9 AREA-WIDE CONTAMINATION CONCERNS 12
7 HISTORICAL REVIEW 12
7.1 THE SITE 12

7.2 ADJOINING PROPERTIES 13
7.2.1 North of the Site *13*
7.2.2 East of the Site *14*
7.2.3 South of the Site *14*
7.2.4 West of the Site *14*
7.3 DATA FAILURE 14

8 CONCLUSIONS AND RECOMMENDATIONS 15

9 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS 16

10 RELIANCE 16

11 ASSUMPTIONS AND LIMITATIONS 17

11.1 SIGNIFICANT ASSUMPTIONS 17
11.2 LIMITATIONS AND EXCEPTIONS 17
11.3 DATA GAPS 17

12 REFERENCES 18

13 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS 19

13.1 TAMARA WELTY, GT, STAFF GEOLOGIST 19
13.2 PAUL D. RILEY, LG, LHG, PRINCIPAL GEOLOGIST 20

LIST OF APPENDICES

Figure 1 ..... *Site Vicinity Map*
Figure 2 ..... *Site and Surrounding Area*
Appendix A ..... *Site Photographs*
Appendix B ..... *ASTM E1527-05 Definitions of Terms*
Appendix C ..... *Provided Information*
Appendix D ..... *Governmental Regulatory Database*
Appendix E ..... *Historical Aerial Photographs*
Appendix F ..... *Historical Research Documentation*

1 INTRODUCTION

The Riley Group, Inc. (RGI) has performed this Phase I Environmental Site Assessment (ESA) for the Proposed FedEx Union Hill property located on 188th Avenue Northeast, Redmond, King County, Washington (hereafter referred to as the Site, Figure 1). No historical addresses were identified for the Site during this Phase I ESA.

The Site consists of tax lots 5, 6, and 7 and the southern portion of tax lot 4 within tax parcel number 0725069129. The Site is an undeveloped, reclaimed gravel pit and includes approximately 24 acres of land. The owners of the Site are identified as Taylor Union Hill LLC and Magnussen-Cadman LLC.

The Phase I ESA was performed on behalf of Scannell Development Company, which authorized the Phase I ESA on February 10, 2012.

1.1 PURPOSE

This Phase I ESA was performed to identify recognized environmental conditions (RECs) and business environmental risks (BERs) associated with the Site in accordance with the scope of work and procedures included in the American Society for Testing and Materials Standard Practice E1527-05 (ASTM E1527-05) and the Code of Federal Regulations Title 40 Part 312 (40 CFR 312).

RECs and BERs, as defined by ASTM E1527-05, are described below:

> The term "recognized environmental condition" means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into buildings on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.
>
> The term "business environmental risk" refers to a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

Other definitions used herein, as defined by ASTM E1527-05, are provided in Appendix B for reference.

RGI understands that Scannell Development Company has requested that this Phase I ESA be conducted to evaluate risks associated with the ownership, development, use, and/or resale of the Site. This Phase I ESA was performed in compliance with the all appropriate inquiry (AAI) codified in 40 CFR 312. Completion of this Phase I ESA may qualify Scannell Development Company for Landowner Liability Protections (LLP) from the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), provided that continuing obligations for LLP status are fulfilled.

1.2 SCOPE OF WORK

RGI's scope of work for this Phase I ESA included the following tasks:

- A reconnaissance of the Site and a cursory reconnaissance of adjoining properties.
- Interviews with knowledgeable persons regarding the Site and/or adjoining properties.
- Comment on polychlorinated biphenyls (PCBs), underground storage tanks (USTs), and aboveground storage tanks (ASTs).
- Review of building department records, tax assessor records, city directories, historical topographic maps, aerial photographs, real estate and fire insurance plat maps, geologic maps, and water/resource protection well log records, where available and applicable.
- Submit to Scannell Development Company and the owner of the Site the ASTM User Questionnaire.
- Review of state and federal databases of contaminated facilities or facilities that use hazardous materials within ASTM parameters for the Site and surrounding area.
- Review of Washington State Department of Ecology (Ecology) files for the Site and/or adjoining properties that are considered a potential threat to the soil and/or groundwater quality of the Site.
- Review of any previous environmental reports prepared by others for the Site and/or adjoining properties (as provided to RGI by Scannell Development Company or obtained by RGI).
- Preparation of a draft and final Phase I ESA presenting RGI's findings, conclusions, and recommendations.

1.3 NON-ASTM CONSIDERATIONS

In addition to providing environmental services under the scope of ASTM for performing a Phase I ESA, RGI performed an environmental data review and/or reconnaissance to comment on the following for the Site: available domestic well water quality, asbestos-containing materials (ACMs), lead-containing paint (LCP), mold growth, methane gas, and radon gas.

2 DESCRIPTION OF THE SITE

2.1 LOCATION

The Site is located on the United States Geologic Survey (USGS) Bellevue North, Washington, 7.5-Minute Topographic Map (Figure 1) at an elevation of approximately 125 to 180 feet above mean sea level.

The Site is located in the northeast quarter of Section 7 of Township 25 North, Range 6 East of the Willamette Meridian. The King County tax parcel number for the Site is 0725069129, but the Site only includes tax lots 5, 6, and 7 and the southern portion of tax lot 4 within the parcel.

2.2 CHARACTERISTICS

The Site and surrounding area slopes slightly to steeply towards the northwest. Typical property use is industrial.

2.3 GEOLOGY, SOILS, AND HYDROGEOLOGY

The Site consists of a reclaimed gravel pit. Therefore, soil descriptions from the National Cooperative Soil Survey and geologic maps are not applicable to the Site since native soils have been removed.

Groundwater flow direction beneath the Site is unknown. However, based on a review of a groundwater elevation contour map for the vicinity of the Site (City of Redmond, 2008) and a previous environmental report for the north-adjoining property (Robinson Noble & Saltbush, 2008), the inferred groundwater flow direction beneath the Site is towards the west-southwest. Based on the subsurface investigation at the Site by RGI on March 8, 2012, depth to static groundwater is approximately 41 feet below ground surface (bgs).

2.4 CURRENT USE OF THE SITE

The Site consists of vacant industrial land that is currently occupied by four different companies. Schnitzer Steel Industries in the eastern portion of the Site consists of a staging and storage area for empty debris containers. Waste Management in the western portion of the Site consists of a staging and storage area for trash containers. Trepus Demolition is located in the central portion of the Site and near one of the southern boundaries of the Site. Trepus Demolition consists of storage areas for demolition debris containers and drums. Red-E Topsoil in the northern portion of the Site consists of topsoil piles.

2.5 CURRENT USES OF ADJOINING PROPERTIES

Current uses of adjoining properties are summarized below:

North of the Site: Red-E Topsoil (Photograph 18).

East of the Site: 188th Avenue Northeast (one lane gravel road) with Lehigh Portland Cement Company beyond (Photograph 19).

South of the Site: Genie Industries distribution warehouses (Photograph 20).

West of the Site: Redmond East Business Campus industrial park with offices and warehouses (Photograph 21).

The above adjoining properties may handle hazardous materials that could have an adverse effect on the Site (see Section 7.2). However, no suspect environmental conditions were noted on the adjoining properties during the reconnaissance, as viewed from the Site (see Section 4.3).

3 PROVIDED INFORMATION

Information provided by Scannell Development Company or the owner of the Site is either described below or described elsewhere in this Phase I ESA (as indicated).

3.1 TITLE REPORT

RGI was provided a Commitment for Title Insurance issued by First American Title Insurance Company dated February 17, 2012. The legal description was noted as: "Lot 2 of King County Boundary Line Adjustment No. L070371, Recorded March 11, 2008 Under Recording No. 20080311900009, in King County, Washington." The King County Assessor's tax parcel number was noted to be 0725069129-05. Taylor Union Hill, LLC and Magnussen-Cadman LLC were noted as the owners. The records also noted that Weyerhaeuser Timber Co. owned the Site in 1909. A copy of this document is included in Appendix C.

3.2 PREVIOUS ENVIRONMENTAL REPORTS

No previous environmental reports were provided to RGI for the Site. However, the following previous environmental reports were provided for nearby properties located north of the Site:

- Redmond Property Groundwater Investigation, 188th and Union Hill, Redmond, Washington by Robinson Noble & Saltbush dated July 1, 2008.
- Phase I ESA, 188th Avenue Northeast and Union Hill Road, Redmond, King County, Washington by Terracon dated January 20, 2009.

The property discussed in the Robinson Noble & Saltbush Redmond Property Groundwater Investigation is located approximately 0.15 mile north of the Site. The purpose of the groundwater investigation was to install new groundwater monitoring wells as close as possible to the wells reportedly installed by Pacific Crest in 2007. Groundwater sampling results from 2007 reportedly identified elevated levels of arsenic in two wells. However, the construction and sampling methods of Pacific Crest were reportedly questionable (for example, the wells were not purged or developed).

Four groundwater monitoring wells were installed by Robinson Noble & Saltbush in 2008. Analytical results indicated that concentrations of lead, cadmium, chromium, arsenic, and mercury were below the analytical detection limits. The groundwater flow direction was measured to be southwest. Based on the 2008 analytical results and the distance of the wells from the Site, this is not considered a potential risk to the soil or groundwater quality of the Site at this time.

The property discussed in the Terracon Phase I ESA is located approximately 0.35 mile north of the Site. Terracon did not identify any RECs for the property that, in their opinion, warranted additional investigation. However, Terracon did discuss the potential of encountering environmentally suspect fill soil during earthwork phases of the proposed construction since the source of the fill is unknown.

3.3 ASTM USER QUESTIONNAIRE

Mr. Kevin O'Brien of Taylor Union Hill LLC, the owner of the Site, completed an ASTM User Questionnaire on February 22, 2012. Mr. O'Brien was unaware of any environmental liens, hazardous materials, spills or other chemical releases, environmental cleanups, USTs, ASTs, sumps, oil-water separators, hydraulic hoists, disposal pits, drywells, groundwater wells, septic tanks, or other environmental conditions or limitations associated with the Site. Mr. O'Brien indicated that Taylor Union Hill LLC has owned the Site and operated businesses on the Site for an extended period of years. According to Mr. O'Brien, the Site was an aggregate mining area that was reclaimed, and the pit history dates back to the 1940s with coordinated fill operations permitted by state and local authorities. Mr. O'Brien did not provide contact information for any previous owners.

Ms. Jill Marcotte of Scannell Development Company completed an ASTM User Questionnaire on February 23, 2012. Ms. Marcotte was unaware of any environmental liens, hazardous materials, spills or other chemical releases, environmental cleanups, USTs, ASTs, sumps, oil-water separators, hydraulic hoists, disposal pits, drywells, groundwater wells, septic tanks, or other environmental conditions or limitations associated with the Site. Ms. Marcotte noted that she did not know the past uses of the Site and did not have contact information for any previous owners.

Ms. Gaylyn Frosini of FedEx completed an ASTM User Questionnaire on March 28, 2012. Ms. Frosini was unaware of any environmental liens, hazardous materials, spills or other chemical

releases, environmental cleanups, USTs, ASTs, sumps, oil-water separators, hydraulic hoists, disposal pits, drywells, groundwater wells, septic tanks, or other environmental conditions or limitations associated with the Site. Ms. Frosini noted that she did not know the past uses of the Site and did not have contact information for any previous owners.

Copies of all completed questionnaires are included in Appendix C.

4 RECONNAISSANCE

RGI's Ms. Tamara Welty (under the direction of Mr. Paul Riley, the project's Environmental Professional) performed a reconnaissance on March 2, 2012. Features of the Site and surrounding area observed during the reconnaissance are illustrated on the attached Figure 2. Photographs of the Site and adjoining properties are provided in Appendix A. RGI was provided access to the Site by Mr. Tom Lawson and had access to all areas of the Site. RGI was unaccompanied during most of the reconnaissance. Weather conditions during the reconnaissance were generally cold and rainy with good visibility.

4.1 OPERATIONS/PROCESSES

The Site consists of an undeveloped, reclaimed gravel pit that is currently occupied by four different companies, including Schnitzer Steel Industries, Waste Management, Trepus Demolition, and Red-E Topsoil. The remainder of the Site is a gravel-covered lot with vegetated areas, drainage ditches, a marshy area (Temporary Erosion and Sediment Control [TESC] wet pond), and a TESC detention pond. Gravel and soil piles were also observed. The gravel piles are a byproduct of the topsoil processing operations on the north-adjoining property, which is also Red-E Topsoil.

Schnitzer Steel Industries is located in the eastern portion of the Site. This area is utilized for staging and storage of empty, large, debris containers. The containers reportedly formerly contained scrap steel. Trucks were observed coming to and from the area during the reconnaissance.

Waste Management is located in the western portion of the Site. This area is utilized for staging and storage of large trash containers (for scrap wood, cardboard, and building debris). Trucks were observed coming to and from the area during the reconnaissance.

Trepus Demolition is located in the central portion of the Site and near one of the southern boundaries of the Site. This area is utilized for storage of large debris containers (for demolition debris such as concrete floor and steel), drums, and other miscellaneous items. Two concrete vaults are utilized to dry out leftover concrete slurry for easier disposal. Trucks were observed coming to and from the area during the reconnaissance.

Red-E Topsoil is located in the northern portion of the Site. This area consists of topsoil piles and is associated with the north-adjoining property (also Red-E Topsoil). Trucks were observed coming to and from the area during the reconnaissance.

4.2 BUILDING INFORMATION

No buildings are located on the Site.

4.3 OBSERVATIONS

Feature	Present (Yes/No)	Notes
Drinking water wells	No	
Irrigation wells	No	
Groundwater monitoring wells	No	
Sumps	No	
Stormwater catch basins	No	
Dry wells	No	
Oil-water separators	No	
Hoists	No	
Septic systems	No	
Concrete or asphalt patches	No	
Floor drains	No	
Natural gas meter	No	
Standing surface water	No	
Ponds, lakes, swamps, lagoons	Yes	Marshy area (TESC wet pond) and TESC detention pond; no petroleum sheen or adverse odors noted
Rivers, streams, springs	Yes	Drainage ditches; petroleum sheen noted in one ditch (see Section 4.3.1)
Fill or disturbed soils	Yes	No petroleum sheen or adverse odors noted
Chemical storage	Yes	No petroleum sheen or adverse odors noted
Pesticide/herbicide storage/use	No	
Drums	Yes	Drum storage areas in Trepus Demolition area (see Section 4.3.4)
Waste disposal	Yes	General debris and trash containers
Air emissions	No	
Odors	Yes	Chemical odor in vicinity of Trepus Demolition (see Section 4.3.4)
Staining	Yes	White sheen/residue in Schnitzer Steel Industrial area (see Section 4.3.2)
Stressed vegetation	No	

RGI's observation findings are summarized below:

4.3.1 GENERAL OBSERVATIONS

- The Site primarily consisted of a vacant, gravel-covered lot with some vegetated areas (Photographs 1 and 3). A small portion of the Trepus Demolition area was asphalt-paved.
- Three vegetated drainage ditches were observed on the Site (Photograph 2).
- A marshy vegetated area (TESC wet pond) was observed in the northeast portion of the Site (Photograph 5).
- A TESC detention pond was observed in the northeast corner of the Site (Photograph 19).
- Apparent petroleum sheen was observed in the ditch in the central portion of the Site (Figure 2 and Photograph 17). The source of the sheen is unknown, but may be from stormwater runoff from the Trepus Demolition area. The surface water in the ditch was

mostly stagnant, but appeared to be slowly flowing towards the west. The apparent petroleum sheen is considered a potential REC.

- Four gravel piles were observed in the northern portion of the Site (Photograph 4).
- Two soil piles covered by vegetation were observed in the western portion of the Site (Photograph 10).

4.3.2 SCHNITZER STEEL INDUSTRIES

- Empty, large, debris containers were observed in the Schnitzer Steel Industries area (Photograph 6).
- A white sheen/residue was observed on pooled water along the east side of the debris containers (Photograph 7 and Figure 2). The substance is unknown, but the source appears to be associated with stormwater runoff from the debris containers. The unknown white sheen/residue is considered a potential REC.

4.3.3 WASTE MANAGEMENT

- Two rows of large trash containers were observed in the Waste Management area (Photograph 8).

4.3.4 TREPUS DEMOLITION

- Large demolition debris containers were observed in the Trepus Demolition area (Photographs 9 and 10).
- Paint cans and retail-sized (less than five gallon) chemical containers were observed on storage shelving (Photograph 12). A white residue was observed on the shelving, apparently from spills from the containers. However, no staining was observed on the asphalt surface below.
- Two concrete vaults for concrete slurry were observed (Photograph 13). The vaults were reportedly installed a few years ago and are between six and eight feet deep. No petroleum sheen or adverse odors were observed.
- Numerous unlabeled, metal, rusty, 55-gallon drums (some empty and some with contents) were observed in three storage areas (Figure 2 and Photographs 11, 13, and 14). Most of the drums reportedly contain concrete slurry. Many of the drums were open without lids. Of the open drums, contents primarily included rainwater, concrete slurry, metal parts, and other debris. One drum was observed to contain oil (Photograph 15). Some drums were stored on soil and some were on asphalt.
- A white sheen, which appeared to be concrete dust, was observed on pooling rainwater in the drum storage area near the vaults (Photograph 16). No petroleum sheen or adverse odors were noted.
- A chemical odor was noted in the vicinity, but was more apparent when it was windy. There are reportedly painting operations on the adjoining property (upwind at the time of the reconnaissance), which is likely the source of the odor.

4.3.5 RED-E TOPSOIL

- Topsoil piles were observed in the Red-E Topsoil area (Photograph 18).

No suspect environmental conditions were observed on the adjoining properties (as viewed from the Site), except for the following:

- Petroleum staining/sheen was observed on the soil in a fenced storage yard on the north-adjoining Red-E Topsoil property (see Figure 2). According to Mr. Tom Lawson, the fenced storage yard is utilized for fueling (from 55-gallon drums) and oil changes for loaders. The fenced storage yard is located approximately 170 feet north of the Site. Based on the surficial nature of the staining/sheen, the distance from the Site, and depth to groundwater in the vicinity, this is not considered a risk to the soil or groundwater quality of the Site at this time.

4.4 POLYCHLORINATED BIPHENYLS (PCBS)

The Environmental Protection Agency (EPA) considers PCBs to be a possible human carcinogen. The Toxic Substance Control Act of 1976 (15 USC § 2601) prohibited any manufacturing of PCBs in the United States after January 1, 1979.

PCBs and mercury have historically been used in the manufacture of electrical or other hydraulic equipment (for example, transformers, elevators, trash compactors, hoists), building materials (caulking, insulation), and building fixtures (for example, light ballasts, light bulbs, thermostats). Under 40 CFR 761.3, the mineral oil contained in untested transformers is assumed to be "PCB-contaminated" (50 to 499 parts per million PCB). The continued use of this equipment is authorized by the Environmental Protection Agency.

No transformers or other suspect equipment was observed on the Site.

4.5 UNDERGROUND AND ABOVEGROUND STORAGE TANKS (UST/AST)

RGI's UST and AST survey included a reconnaissance of the Site to identify indications of existing or former USTs or ASTs, such as vent pipes, fill ports, concrete pads, or asphalt patches (see Section 6.2 for a discussion of municipal records). No indications of existing or former USTs or ASTs were observed.

4.6 ASBESTOS-CONTAINING MATERIAL (ACM)

Washington State Department of Labor and Industries (L&I) mandates that, prior to impacting a building material for maintenance, renovation, demolition, an owner or owner's agent must perform, or cause to be performed, a "good faith" survey to determine whether the materials to be worked on or removed are ACM. Building materials should be considered suspect ACM until sampling and analysis confirm otherwise.

No buildings are located on the Site; therefore, ACM is not considered a concern.

4.7 LEAD-CONTAINING PAINT (LCP)

Lead was typically used as an additive in paint to improve durability and coverage prior to being banned for residential applications in 1976 by the Consumer Product Safety Commission. Any building built prior to 1978 is considered suspect to have LCP.

No buildings are located on the Site; therefore LCP is not considered a concern.

4.8 MOLD

RGI's mold survey consisted of a visual and olfactory reconnaissance of easily accessible, interior building surfaces for mold growth.

No buildings are located on the Site; therefore, mold is not considered a concern.

4.9 METHANE GAS

Methane gas is typically associated with landfills and abandoned coal mines.

No landfills or abandoned coal mines were identified; therefore, methane gas is not considered a risk.

5 INTERVIEWS

RGI interviewed knowledgeable parties regarding the Site and its setting. Our interview findings are summarized below. Findings from the interview process may also be incorporated in other sections of this Phase I ESA.

5.1 CURRENT OWNER

RGI interviewed Mr. Tom Lawson of Red-E Trucking (representative of Taylor Union Hill LLC, the current owner) on March 2, 2012, and the pertinent results from the interview are summarized below:

- Mr. Lawson has worked at the Site for 39 years and is employed by Taylor Union Hill LLC.
- The Site consisted of forest prior to the early 1980s.
- The Site was utilized for material extraction and reclamation by the Cadman pit between approximately the early 1980s and late 1980s. The Site was mined for gravel that was used for the construction of I-90.
- Fill primarily from the I-90 area (but also other sources) was brought to the Site after the gravel pit operations ceased. Importers of fill soils were required to sign documentation stating the fill was not contaminated, and the fill's appearance was monitored to avoid contaminated soil from being deposited. Contaminated soil was brought to the Site at one point, but was immediately removed. See Section 7.1 for further discussion.
- The Site consisted of a vacant, grassy lot between approximately 1994 and 1999.
- The Site was utilized by Genie Industries as a staging area and storage yard for trailers, shipping containers, and man lifts between approximately 2000 and 2010.
- Groundwater monitoring wells associated with the Cadman gravel pit are located north of the Site. See Section 3.2 for further discussion.
- USTs associated with the Cadman gravel pit were removed from an offsite property located on the north side of Northeast Union Hill Road. See Section 6.1.2.1 for further discussion.
- Trepus Demolition has leased a portion of the Site for approximately the past five years.
- Waste Management has leased a portion of the Site for approximately the past five years.
- Mr. Lawson was not aware of any previous environmental investigations or reports, USTs, ASTs, sumps, hoists, oil-water separators, septic systems, water wells, pesticide usage, or hazardous materials in association with the Site.

Any other information provided to RGI by Mr. Lawson has been incorporated elsewhere in this Phase I ESA.

5.2 PREVIOUS OWNER(S)

Contact information for the previous owners of the Site was not provided to RGI.

6 GOVERNMENTAL REGULATORY AND MUNICIPAL RECORDS REVIEW

RGI's federal, state, and local governmental regulatory and municipal records review and discussion of findings are presented below.

6.1 FEDERAL AND STATE REGULATORY RECORDS

RGI reviewed federal and state records in a search for properties with existing and/or potential environmental liabilities. Environmental Data Resources, Inc. (EDR) of Milford, Connecticut performed the records search on February 15, 2012. All records reviewed used search radii in accordance with ASTM E1527-05.

A complete copy of the EDR Radius Map™ Report and other records obtained from regulatory or municipal offices for this project are included in Appendix D of the PDF version of this Phase I ESA. However, due to the length of the database report, the bound version of this Phase I ESA includes the portion of the database report for properties located within a quarter of a mile of the Site.

6.1.1 THE SITE

The Site was not listed on any of the reviewed environmental regulatory databases. The Site was formerly part of the Cadman gravel pit (discussed in Section 6.1.2.1); however, the Site was not part of the previous environmental reports reviewed, and no contamination has been reported to any regulatory or municipal offices regarding the Site.

6.1.2 ADJOINING PROPERTIES

6.1.2.1 CADMAN INC.

The Cadman Inc. (gravel pit) property is located north and east of the Site and is addressed 18816 Northeast 80th Street. The property is listed on the Environmental Protection Agency's (EPA's) Resource Conservation and Recovery Act Non Generators (RCRA-NonGen) database and Ecology's Hazardous Waste Manifest Data (MANIFEST), Water Quality Permit System Data (NPDES), Confirmed and Suspected Contaminated Sites List (CSCSL) No Further Action (NFA), Underground Storage Tank (UST), Leaking UST (LUST), Solid Waste Facility/Landfill Sites (SWF/LF), and Independent Cleanup Reports (ICR) databases. RGI reviewed available documentation at Ecology.

Ecology's records indicate that five USTs were removed and three USTs were closed-in-place in the northern portion of the property (on the north side of Northeast Union Hill Road) in 1998. Four of the removed USTs contained diesel and had capacities ranging from 10,000 to 12,000 gallons. The fifth removed UST contained waste oil and had a 500-gallon capacity. The three closed-in-place USTs contained motor oil and had 500-gallon capacities.

Approximately 35 cubic yards of petroleum-contaminated soil (PCS), reportedly from overfill incidents, was removed and transported to Olympic View Sanitary Landfill, Inc. in Port Orchard, Washington for disposal (Environmental Management Resources, Inc., 1998). Confirmation soil samples were reportedly collected until contaminant concentrations did not exceed MTCA Method A cleanup levels. No groundwater was encountered in the excavation.

Ecology issued an NFA determination in 2011. Based on the media affected, property status, and distance of the contamination from the Site, this property is not considered a risk to the soil or groundwater quality of the Site at this time.

6.1.2.2 GENIE INDUSTRIES

The Genie Industries property is located southwest of the Site and is addressed 6812 185th Avenue Northeast. The property is listed on the EPA's RCRA Conditionally Exempt Small Quantity Generator (RCRA-CESQG) database. No violations were reported. Based on the nature of the database listing, property status, and inferred groundwater flow direction, this property is not considered a risk to the soil or groundwater quality of the Site at this time.

6.1.2.3 ECOVA CORP.

The Ecova Corp. property is located southwest of the Site and is addressed 18640 Northeast 67th Court Suite 200. The property is listed on the EPA's RCRA-NonGen database. The property does not presently generate hazardous waste and has no violations reported. Based on the nature of the database listing, property status, and inferred groundwater flow direction, this property is not considered a risk to the soil or groundwater quality of the Site at this time.

6.1.3 OTHER PROPERTIES

Multiple other properties within one mile of the Site were listed on various federal and/or state environmental regulatory databases. However, due to the nature of the database listings, media affected, property status, distance from the Site, and/or inferred groundwater flow direction relative to the Site, these other properties are not considered a risk to the soil and/or groundwater quality of the Site at this time.

6.2 UNDERGROUND AND ABOVEGROUND STORAGE TANKS (USTS/ASTS) RECORDS

RGI contacted the Redmond Fire Prevention Division and Redmond Building Division regarding records of USTs and ASTs associated with the Site. No records were found that document the existing or former presence of any USTs or ASTs on the Site.

RGI also reviewed Ecology's online UST database regarding any regulated USTs located on the Site. The Site was not listed.

6.3 ENVIRONMENTAL COMPLAINTS AND HAZARDOUS MATERIAL RESPONSES

RGI contacted Ms. Sally Perkins, the Public Disclosure Coordinator for Ecology, to determine whether any Environmental Report Tracking System (ERTS) listings exist for the Site. The ERTS database tracks all environmental reports and complaints made to Ecology since 1990, including clandestine drug labs and hazardous material responses. No ERTS listings were identified for the Site.

RGI also contacted the King County Public Health Department regarding any clandestine drug labs or hazardous material responses associated with the Site. No records were found.

6.4 DRINKING WATER WELLS AND SEPTIC SYSTEMS RECORDS

RGI contacted the King County Public Health Department regarding any existing or former septic systems or drinking water wells located on the Site. No records were found.

6.5 WELL AND SOIL BORING LOGS

RGI reviewed Ecology's Well Log Viewer online database. The database provides logs for wells and soil borings. No boring or well logs were found for the Site. Well logs with the same address and owner as the Site were found; however, they correspond with groundwater monitoring wells located on the north-adjoining property, not the Site (discussed in Section 3.2).

6.6 WELLHEAD PROTECTION ZONES REVIEW

Based on a review of Ecology's Facility/Site Atlas online database, there are no drinking water wellhead protection zones identified at the Site.

6.7 UNDERGROUND INJECTION CONTROL (UIC)

RGI reviewed Ecology's UIC database for the Site. The Site was not listed.

6.8 RADON ZONES

The EPA has set an "action level" for indoor radon levels at 4.0 picoCuries per liter (pCi/L) and above. The EPA has designated three radon zones (Zone 1, 2, and 3) indicating highest to lowest average indoor radon screening levels.

The EPA radon zone designation for the Site (King County) is Zone 3, indicating the average radon level is less than 2.0 pCi/L. Based on the average radon concentration, the risk to the Site is considered low.

6.9 AREA-WIDE CONTAMINATION CONCERNS

No area-wide contamination issues have been identified for the Site.

7 HISTORICAL REVIEW

RGI's historical review of the Site and adjoining properties was based on an evaluation of the following:

- Historical aerial photographs dated 1944, 1961, 1970, 1981, 1990, 1995, 2001, 2007, and 2011.
- King County Tax Assessor's current and historical records.
- Redmond Building Division records.
- Cole City Directories dated 1995, 2000, 2005, and 2010.
- Metsker Atlases dated 1926, 1946, 1958, and 1971.
- Kroll Real Estate Plat Maps dated 1954, 1965, 1975, and 1987.
- Interviews with knowledgeable persons (see Section 5 for details).

In addition, RGI attempted to review Sanborn Fire Insurance Maps and Polk City Directories; however, no records were available for the Site.

The current and historical addresses, as applicable, identified during this Phase I ESA were used during the historical records search.

Select historical documentation is provided in Appendices E and F. RGI's historical research findings are discussed below.

7.1 THE SITE

The Site consists of portions of three parcel tax parcels. Historical tax assessor records discuss the three parent parcels, but do not distinguish between the existing boundaries of the Site and its adjoining properties. Therefore, it is unknown whether information obtained from historical tax assessor records is regarding the Site or its adjoining properties.

According to historical tax assessor records, the first known occupant was the Seattle Skeet and Trap Club. Historical aerial photographs indicate that the Seattle Skeet and Trap Club was

located on the south-adjoining property. Therefore, buildings known to be associated with the Seattle Skeet and Trap Club are discussed in Section 7.2.3.

Historical tax assessor records indicate that a single-story (no basement), 800 square-foot, single-family residence was constructed in 1923. The residence reportedly utilized a wood stove for heating, a private drinking water well, and a septic system. Two small ASTs were visible next to the residence in a historical photograph. The ASTs may have contained heating oil. The exact location of the ASTs is unknown, and could be on the Site or one of its adjoining properties. Given that surficial soils on the Site were later removed during mining activities, the former ASTs are not considered a potential risk to the soil or groundwater quality of the Site.

Historical tax assessor records indicate that a 648-square-foot, open-walled, log picnic shelter was constructed in 1937. The picnic shelter was heated by stove and was owned by the Town of Redmond.

Historical aerial photographs indicate that the majority of the Site consisted of undeveloped forest land between at least 1944 and 1981. A former road (named James Campbell Road) was also visible bisecting the Site.

Historical assessor records indicate that Cadman Gravel Company purchased the Site (and/or its adjoining properties) in 1950. Historical aerial photographs indicate that the southeast corner of the Site consisted of a gravel pit between at least 1961 and 1970.

Mr. Tom Lawson of Red-E Trucking and historical aerial photographs indicate that the Site consisted of the Cadman gravel pit between approximately the early 1980s and at least 1990. Fill brought to the Site during reclamation reportedly came from a variety of sources, but was primarily from the I-90 area. According to Mr. Lawson, importers of fill soils were required to sign documentation stating the fill was not contaminated, and the fill's appearance was monitored to avoid contaminated soil from being deposited. Contaminated soil was reportedly brought to the Site at one point, but was immediately removed. Nonetheless, fill from unknown sources is considered a potential REC.

Mr. Lawson indicated that the Site consisted of a vacant grassy lot between approximately 1994 and 1999. The Site consisted of vacant industrial land between at least 1993 and 2011 according to historical aerial photographs and historical assessor records. It appeared to be utilized, but not mined, by the adjoining Cadman gravel pit in at least 1995. The existing detention pond in the northeast corner of the Site is first visible in the 2001 aerial photograph.

Genie Industries leased a portion of the Site for use as a staging area and storage yard for trailers, shipping containers, and man lifts between approximately 2000 and 2010. Trepus Demolition has leased a portion of the Site since approximately 2005. Waste Management has leased a portion of the Site since approximately 2008. Red-E Topsoil has occupied a portion of the Site since approximately 2009. Schnitzer Steel Industries has leased a portion of the Site since approximately 2010.

7.2 ADJOINING PROPERTIES

The historical uses of adjoining properties are summarized below.

7.2.1 NORTH OF THE SITE

Historical aerial photographs indicate that the north-adjoining property consisted of undeveloped forest land and/or vegetated land between at least 1944 and 1970. The property was part of the Cadman gravel pit between approximately the early 1980s and at least 1990. The property consisted of vacant industrial land associated with the Cadman gravel pit until approximately 2007. Red-E Topsoil has occupied the property since approximately 2009.

7.2.2 EAST OF THE SITE

Historical aerial photographs indicate that the east-adjoining property consisted of undeveloped forest land in at least 1944. The property has been part of the Cadman gravel pit since at least 1961. The property was noted to be occupied by Lehigh Portland Cement Company during the reconnaissance.

7.2.3 SOUTH OF THE SITE

According to historical tax assessor records for one of the Site's parent tax parcels (which includes the south-adjoining property), the first known occupant was the Seattle Skeet and Trap Club. Historical aerial photographs indicate that the Seattle Skeet and Trap Club was located on the south-adjoining property.

Historical tax assessor records indicate that a single-story (no basement), 777-square-foot, single-family residence was constructed in 1923. The residence reportedly utilized electric baseboard heating and a private drinking water well. The residence was occupied by the caretaker for the Seattle Skeet and Trap Club. A single-story (no basement), 1,563-square-foot, unheated dining hall was constructed in 1937.

Historical tax assessor records indicate that five, 64-square-foot skeet houses and five, 81-square-foot, concrete, sunken skeet traps were constructed at some point. A 738-square-foot, unheated, tool shed and a 418-square-foot, unheated, detached garage were also constructed at some point in association with the Seattle Skeet and Trap Club. A single-story (no basement), 1,328-square-foot "skeet gun club" building was constructed in 1966. The skeet gun club building was heated by fireplace.

A portion of the property was mined by Red Sam Mining Company between at least 1970 and 1990. The entire property was part of the mine in at least 1995. The two existing distribution warehouses were constructed in 1997. The property was noted to be occupied by Genie Industries during the reconnaissance.

7.2.4 WEST OF THE SITE

Historical aerial photographs indicate that the west-adjoining property consisted of undeveloped forest land between at least 1944 and 1961. The property was part of a gravel pit owned by T. W. Magnusssen between at least 1970 and 1981. Three of the existing buildings in the Redmond East Business Campus industrial park were constructed in 1989. The fourth existing building was constructed in 1996.

7.3 DATA FAILURE

Data failure occurs when the information obtained from a review of the standard historical sources that are considered reasonably ascertainable, still do not meet the objectives stated in ASTM E1527-05 Sections 8.3.1 through 8.3.2.2.

Data failure was not encountered while conducting historical research for this Phase I ESA.

8 CONCLUSIONS AND RECOMMENDATIONS

RGI has performed a Phase I ESA in conformance with the scope of work required by ASTM E1527-05 and 40 CFR 312 for the Proposed FedEx Union Hill property located on 188th Avenue Northeast, Redmond, King County, Washington. Any exceptions to or deletions from this practice are described in Section 11.

Based on our Phase I ESA findings, no RECs and BERs according to ASTM E1527-05 were identified in connection with the Site or its setting, except the following:

- **Fill from Unknown Sources:** Cadman Gravel Company mined the Site between approximately the early 1980s and 1990. Fill brought to the Site during reclamation came from a variety of sources. Fill from unknown sources is considered a potential REC.
- **Apparent Petroleum Sheen in a Ditch:** Petroleum sheen was observed in a vegetated drainage ditch in the central portion of the Site, which is in the vicinity of Trepus Demolition's drum storage area. The source of the sheen is unknown, but may be from stormwater runoff from Trepus Demolition. The petroleum sheen is considered a potential REC.
- **White Sheen/Residue:** An unknown white sheen/residue was observed on pooled water behind debris containers associated with Schnitzer Steel Industries near the eastern boundary of the Site. The substance is unknown, but the source appears to be associated with the debris containers. The unknown white sheen/residue is considered a potential REC.
- **Unlabeled, Uncovered Drums:** Numerous unlabeled, uncovered, 55-gallon drums were observed in the Trepus Demolition area of the Site. Contents observed in the drums included concrete slurry, rainwater, debris, and oil. Some drums were stored on soil and some were on asphalt. The unlabeled, uncovered, 55-gallon drums are considered a BER.

RGI recommends a Preliminary Phase II Subsurface Investigation (Preliminary Phase II) be performed to determine whether or not the above-mentioned potential RECs have adversely affected the soil or groundwater quality at the Site. RGI additionally recommends that the drums be labeled with their contents, covered with drum lids, and not be stored on bare soil.

Based on our findings, RGI was authorized to perform a Preliminary Phase II (in conjunction with completing this Phase I ESA) to further evaluate the above-mentioned potential RECs. The Preliminary Phase II findings, conclusions, and recommendations will be presented under separate cover.

9 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Any questions regarding the work within this Phase I ESA, the presentation of the information, or the interpretation of the data are welcome and should be referred to the undersigned.

Sincerely,

THE RILEY GROUP, INC.

Tamara Welty, GT
Staff Geologist

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR §312.10. We have the specific qualifications, based on education, training, and experience, to assess a property of the nature, history, and setting of the Site. We have developed and performed AAI in conformance with the standards and practices set forth in 40 CFR 312.

Paul D. Riley, LG, LHG
Principal/Senior Reviewer

Distribution: Ms. Jill Marcotte, Scannell Development Company (one bound copy and PDF)

10 RELIANCE

No reports or other information regarding the Site or its setting were provided to RGI other than those resources specifically mentioned herein. Reports relied upon by RGI are listed in Section 11 of this Phase I ESA.

This Phase I ESA should be considered effective on April 3, 2012. Based on the requirements of ASTM E1527-05, components of the Phase I ESA, including the reconnaissance, interviews, environmental database reviews, and environmental professional's declaration, will remain in effect until October 3, 2012, for use by FedEx Ground Package System, Inc., Scannell Development Company, and Scannell Development Company's lender. If this Phase I ESA is transferred to any other user, additional information will be required from that user in order to maintain the viability of this Phase I ESA. Remaining elements of the Phase I ESA remain effective until April 3, 2013.

11 ASSUMPTIONS AND LIMITATIONS

The significant assumptions and limitations for this Phase I ESA are provided below.

11.1 SIGNIFICANT ASSUMPTIONS

In evaluating the Site, RGI has relied upon representations and information furnished by individuals and agencies noted in the Phase I ESA. RGI assumes that the information provided by these third-party sources is accurate, and has no reason to believe otherwise.

Groundwater flow direction beneath the Site is unknown. However, based on a review of a groundwater elevation contour map for the vicinity of the Site (City of Redmond, 2008) and a previous environmental report for the north-adjoining property (Robinson Noble & Saltbush, 2008), the inferred groundwater flow direction beneath the Site is towards the west-southwest. Based on the subsurface investigation at the Site by RGI on March 8, 2012, depth to static groundwater is approximately 41 feet bgs.

11.2 LIMITATIONS AND EXCEPTIONS

This Phase I ESA is based upon information obtained by RGI personnel and upon the condition of the Site and surrounding property on the dates of such reconnaissance, supplemented by readily available information and data obtained by RGI and described herein.

RGI has no present or contemplated future ownership interest or financial interest in the real estate that is the subject of this Phase I ESA. RGI has no personal interest with respect to the subject matter of the Phase I ESA or the parties involved and RGI has no relationship with the property or the owners thereof, which would prevent an independent analysis of the environmental or other conditions of the Site.

RGI accepts no responsibility for any deficiency, misstatements, or inaccuracies contained in this Phase I ESA as a result of misstatements, omissions, and misrepresentations or fraudulent acts of persons interviewed. In addition, potentially important interviewees are often not available or cannot be located within a reasonable project time frame. In these instances, RGI accepts no responsibility for any environmental liability that later results from information not readily available during the assessment.

This Phase I ESA is the property of RGI, FedEx Ground Package System, Inc., Scannell Development Company, Scannell Development Company's lender, and all affiliates and subsidiaries thereof. This Phase I ESA was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and time, and under similar conditions. This Phase I ESA is intended for specific application to the Proposed FedEx Union Hill property, located on 188th Avenue Northeast, Redmond, King County, Washington, for the exclusive use of FedEx Ground Package System, Inc., Scannell Development Company, Scannell Development Company's lender, and its authorized representatives. No other warranty is implied or intended.

11.3 DATA GAPS

Significant data gaps were not encountered during this Phase I ESA.

12 REFERENCES

City of Redmond. January 2008. *Water Level Elevation Contour Map, Downtown Redmond.*

Environmental Data Resources, Inc. February 15, 2012. *The EDR Radius Map Report.*

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Robinson Noble & Saltbush. July 1, 2008. *Redmond Property Groundwater Investigation, 188th and Union Hill, Redmond, Washington.*

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University of Washington's Allen Library. 1965 and 1987. *Kroll Real Estate Plat Maps.*

Washington Department of Ecology. Undated. *Facility/Site Atlas.*

Washington Department of Ecology. Various dates. *Cadman Inc. File*.

Washington Department of Ecology. Various dates. *Well Log Viewer*.

13 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

13.1 TAMARA WELTY, GT, STAFF GEOLOGIST

Education

B.S., Geology, Western Washington University, Bellingham, Washington, 2007

Special Training, Licenses, and Certifications

40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

Portable Nuclear Gauge and Radiation Safety Training

Washington State Registered Geologist-in-Training (GT)

Washington State Site Assessor

Educational Experience

Field Geology: Conducted geologic mapping projects in the southwestern United States, focusing in the areas of structural, petrologic and tectonic processes.

Internship with the Division of Geology and Earth Resources at the Washington State Department of Natural Resources, Coauthor on the Fall City quadrangle.

Internship with North Cascades National Park.

Professional Experience

Ms. Welty has been a staff-level geologist at RGI since June 2007. Ms. Welty's experience includes performing reconnaissance, conducting historical research, preparing reports for Phase I and Phase II ESAs, performing fieldwork for Phase II and Phase III ESAs, construction monitoring, and geotechnical investigations.

Representative Project Experience

Various Banks and Lending Institutions: Performed Phase I ESA for various properties throughout the Pacific Northwest.

Washington State Department of Fish and Wildlife: Performed Phase I and Phase II ESAs for an agricultural property in Burlington, Washington.

Elliott Tire and Service Company: Conducted subsurface soil sampling at a tire store in Seattle, Washington.

Totem Equipment Phase II: Performed groundwater sampling at an industrial property in Seattle, Washington.

Walgreens Phase III: Conducted excavation of contaminated soils at a proposed commercial property in Sequim, Washington.

Costco Geotechnical Investigation: Conducted a subsurface soil investigation at a proposed commercial property in Roseburg, Oregon.

13.2 PAUL D. RILEY, LG, LHG, PRINCIPAL GEOLOGIST

Education

M.S., Geological/Geophysical Sciences, Western Washington University, 1991

B.S., Geological Sciences, Michigan State University, 1988

Licensed Well Driller, Washington State

Washington State Registered Geologist (License No. 1264)

Washington State Registered Hydrogeologist (License No. 1264)

Continuing Education

Groundwater Remediation and Design, GNAW, 1994

Risk-Based Corrective Action, AST Seminar, 1996

Wetlands Delineation Workshop, Richard Chinn, 1999

Professional Skills

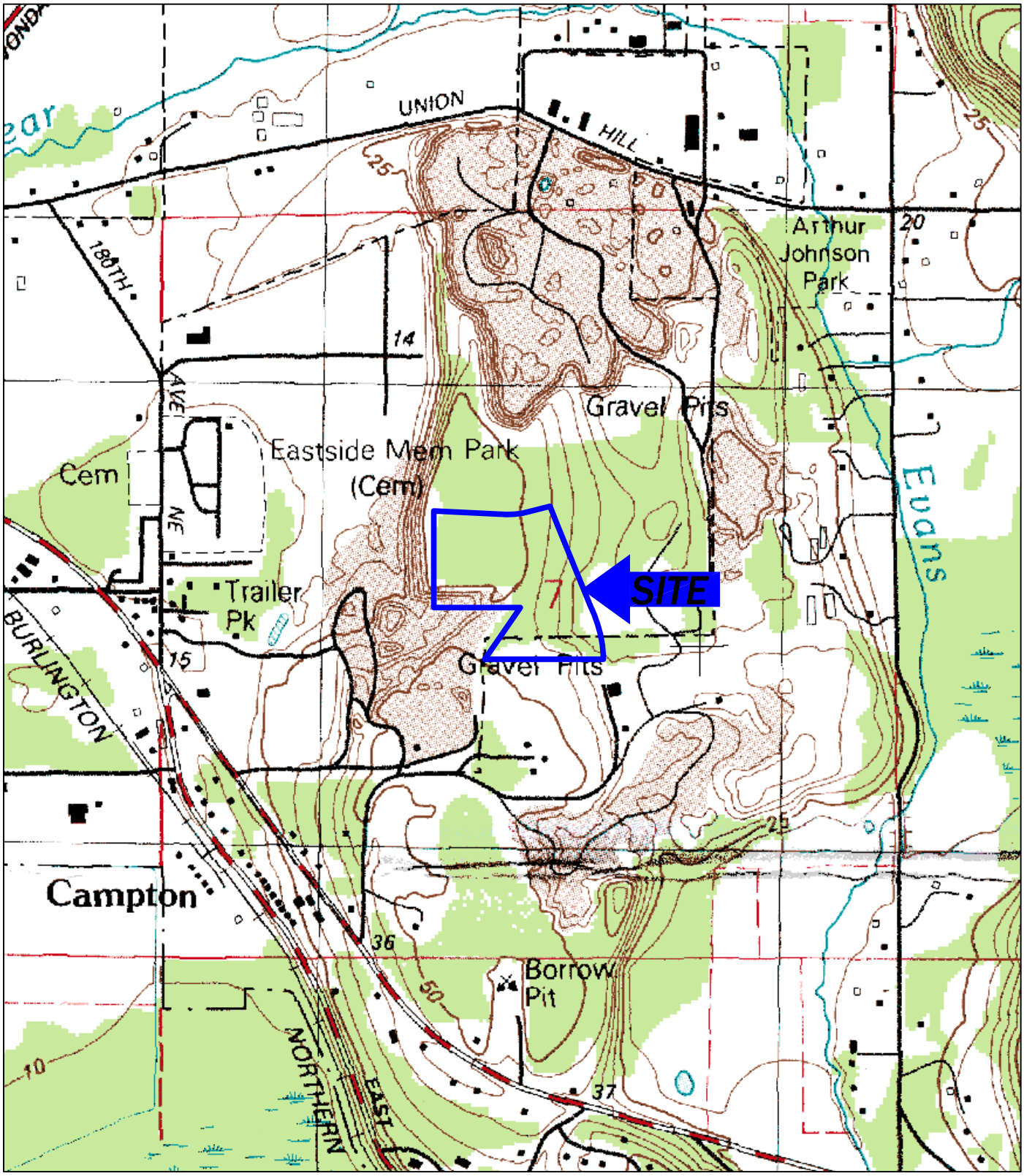
Principal, The Riley Group, Inc. (formerly Riley Environmental, LLC), Seattle, Washington. March 1996 to present.

Mr. Riley, the founding principal of The Riley Group, Inc. has professionally practiced as an environmental geologist and hydrogeologist in the Pacific Northwest since 1991. Mr. Riley has performed numerous Phase I and Phase II ESAs, risk-based site closures, aquifer pump tests, in-situ remediation system pilot studies, remediation system design, and remediation system installation and operations and maintenance for over 1,000 sites located in the Pacific Northwest.

Mr. Riley is responsible for all operations of The Riley Group, Inc. Responsibilities include administrative and technical operations and business development. Mr. Riley manages Phase I and Phase II ESAs, risk-based closures, remediation system implementation (design, installation, and operation and maintenance), geotechnical engineering projects for commercial and mixed-use construction, and wetland delineation and mitigation projects with Riley's diverse technical staff serving a local and national clientele base.

Environmental Division Manager, Omega Environmental (formerly O'Sullivan Omega), Seattle, Washington. November 1992 to March 1996.

Mr. Riley was the environmental division manager for the Pacific Northwest for a national UST installation and removal contractor. Mr. Riley supervised a staff of geologists and environmental engineers performing UST site assessments, Phase I and Phase II ESAs, remediation projects, compliance groundwater monitoring projects, and ACM and LCP building surveys.



USGS, 1982, Bellevue North, Washington
7.5-Minute Quadrangle

Approximate Scale: 1"=1000'

0 500 1000 2000

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure 1
RGI Project Number 2012-089	Site Vicinity Map	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

Mobile Office

Petroleum Sheen

Shipping Containers

Sheds

Fenced Storage Yard

Red-E Topsoil

Inferred Groundwater Flow Direction

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

Vegetated

Marsh

Vegetated

188th Avenue Northeast (Gravel)

Lehigh Portland Cement Co. (Former Cadman Gravel Co.)

Gravel

Waste Management

Trash Containers

Apparent Petroleum Sheen in Ditch

Vaults

Concrete Barrier

Trepus Demolition

Debris Containers

Drum Storage Areas

Empty Debris Containers

White Sheen/Residue on Ponded Water and Gravel

Schnitzer Steel Industries

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

Vegetated Ditch

Gravel

Vegetated Ditch

NE 67th Street

Genie Industries Distribution Warehouse

Genie Industries Distribution Warehouse

= Soil Pile

= Pond

= Gravel Pile

= Site Boundary

Approximate Scale: 1"=160'

0 80 160 320

N

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Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure 2
RGI Project Number 2012-089	Site and Surrounding Area	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 1: View of the southern portion of the Site, facing northwest.



Photograph 2: View of ditch on southern boundary of Site, facing east.

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FedEx Union Hill		Figure A-1
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 3: View of vegetated area in southern portion of the Site, facing northeast.



Photograph 4: View of gravel piles in northern portion of the Site, facing northwest.

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FedEx Union Hill		Figure A-2
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 5: View of marshy land in northeast corner of the Site, facing northwest.



Photograph 6: View of empty debris containers in Schnitzer Steel Industries area on the Site, facing southeast.

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FedEx Union Hill		Figure A-3
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 7: View of unknown white sheen/residue on ponded water and gravel behind empty debris containers in Schnitzer Steel Industries area.



Photograph 8: View of trash containers in the Waste Management area near the western boundary of the Site, facing northwest.

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FedEx Union Hill		Figure A-4
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 9: View of debris containers in Trepus Demolition area on the Site, facing southwest.



Photograph 10: View of Trepus Demolition area, facing southeast.

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FedEx Union Hill		Figure A-5
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 11: View of unlabeled drums (mostly empty) in southern portion of Trepus Demolition area, facing west.



Photograph 12: Storage shelving in Trepus Demolition area.

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FedEx Union Hill		Figure A-6
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 13: View of unlabeled drums and two concrete vaults for concrete slurry in Trepus Demolition area, facing north.



Photograph 14: View of unlabeled, mostly open drums in northern portion of Trepus Demolition area, facing northwest.

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FedEx Union Hill		Figure A-7
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 15: View of open, unlabeled drum containing oil in Trepus Demolition area.



Photograph 16: View of white sheen on ponded water (likely concrete slurry) around drums in Trepus Demoltion area.

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FedEx Union Hill		Figure A-8
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 17: View of apparent petroleum sheen in drainage ditch near Trepus Demolition area on the Site.



Photograph 18: View of north-adjoining Red-E Topsoil, facing south.

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FedEx Union Hill		Figure A-9
RGI Project Number 2012-089	Site Photographs	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 19: View of TESC detention pond on the Site, facing east.



Photograph 20: View of north-adjoining Red-E Topsoil, facing south.

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FedEx Union Hill		Figure A-10
RGI Project Number 2012-089	Site Photographs	Date Drawn: 04/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 21: View of 188th Avenue Northeast and east-adjoining gravel mine, facing north.



Photograph 22: View of south-adjoining Genie Industries warehouses, facing southwest.

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FedEx Union Hill		Figure A-11
RGI Project Number 2012-089	Site Photographs	Date Drawn: 04/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



Photograph 23: View of west-adjoining industrial park with offices and warehouses, facing northwest.

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FedEx Union Hill		Figure A-12
RGI Project Number 2012-089	Site Photographs	Date Drawn: 04/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

ASTM E1527-05 DEFINITIONS OF TERMS

adjoining properties

Any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

all appropriate inquiry (AAI)

That inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA 42 USC §9601 (35) (B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability.

asbestos-containing material (ACM)

Any material or product that contains more than one percent asbestos.

business environmental risks (BERs)

Risks that can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated pursuant to ASTM standards.

data gap

A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials).

data failure

A failure to achieve historical research objectives… data failure is one type of data gap.

drum

A container (typically, but not necessarily, holding 55 gallons [208 liters] of liquid) that may be used to store hazardous substances or petroleum products.

hazardous substance

A substance defined as a hazardous substance pursuant to CERCLA 42 USC §9601 (14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321 (b)(2)(A) of Title 33, (B) any elements, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC 6921) (but not including any waste the regulation of which under Solid Waste Disposal Act (42 USC 6901) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(A) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC 7412), and (F) any

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imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise under specifically listed or designated as a hazardous substance under

subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See Appendix XI)

landfill

A place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as the garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs)

Landowner Liability Protections under CERCLA, these protections include the *bona fide* prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability.

lead-based paint (LBP)

Paint with lead levels equal to or exceeding 1.0 milligram per square centimeter (mg/cm^2) or 0.5 percent by weight.

lead-containing paint (LCP)

Paint containing any detectable levels of lead.

leaking underground storage tank (LUST) sites

State lists of leaking underground storage tank sites. Section 9003 (H) of Subtitle I of RCRA give EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

reasonably ascertainable

Information that is (1) publically available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

recognized environmental conditions (RECs)

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

underground storage tank (UST)

Any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10 percent or more beneath the surface of the ground.

COMMITMENT FOR TITLE INSURANCE

Issued by

FIRST AMERICAN TITLE INSURANCE COMPANY

First American Title Insurance Company, herein called the Company, for valuable consideration, hereby commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the proposed Insured named in Schedule A, as owner or mortgagor of the estate or interest covered hereby in the land described or referred to in Schedule A, upon payment of the premiums and charges therefor; all subject to the provisions of Schedules A and B and to the Conditions and Stipulations hereof.

This Commitment shall be effective only when the identity of the proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A hereof by the Company, either at the time of the issuance of the Commitment or by subsequent endorsement.

This Commitment if preliminary to the issuance of such policy or policies of title insurance and all liability and obligations hereunder shall cease and terminate six (6) months after the effective date hereof or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue such policy or policies is not the fault of the Company. This Commitment shall not be valid or binding until countersigned by an authorized officer or agent.

IN WITNESS WHEREOF, the Company has caused this commitment to be signed and sealed, to become valid when countersigned by an authorized officer or agent of the Company, all in accordance with its By-Laws. This Commitment is effective as of the date shown in Schedule A as "Effective Date."

First American Title Insurance Company

By: _____ President

Attest: _____ Secretary

By: _____ Countersigned

First American Title Insurance Company
National Commercial Services
30 North LaSalle Street, Suite 2700, Chicago, IL 60602
(800)333-3993 - FAX (312)553-0480

Matthew Schafer
(312)553-0471
MaSchafer@firstam.com

To: **Scannell Properties, Inc.**
800 E. 96th Street, Suite 175
Indianapolis, IN 46240-3868

File No.: **NCS-528992-CHI2**
Your Ref No.:

Attn: **Debbie Crabtree**

SCHEDULE A

1. Commitment Date: February 17, 2012 at 7:30 A.M.

2. Policy or Policies to be issued:

		AMOUNT		PREMIUM		TAX
ALTA Extended Owner Policy - 2006	$	To follow	$	To follow	$	To follow

Proposed Insured:
To follow

3. The estate or interest in the land described on Page 2 herein is **Fee Simple**, and title thereto is at the effective date hereof vested in:

Taylor Union Hill, LLC, a Washington limited liability company and Magnussen-Cadman L.L.C., a Washington limited liability company, as their interest may appear of record

4. The land referred to in this Commitment is described as follows:

The land referred to in this report is described in Exhibit "A" attached hereto.

EXHIBIT 'A'

LEGAL DESCRIPTION:

LOT 2 OF KING COUNTY BOUNDARY LINE ADJUSTMENT NO. L070381, RECORDED MARCH 11, 2008 UNDER RECORDING NO. 20080311900009, IN KING COUNTY, WASHINGTON.

SCHEDULE B - SECTION 1
REQUIREMENTS

The following are the Requirements to be complied with:

Item (A) Payment to or for the account of the Grantors or Mortgagors of the full consideration for the estate or interest to be insured.

Item (B) Proper instrument(s) creating the estate or interest to be insured must be executed and duly filed for record.

Item (C) Pay us the premiums, fees and charges for the policy.

Item (D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions

SCHEDULE B - SECTION 2
GENERAL EXCEPTIONS

The Policy or Policies to be issued will contain Exceptions to the following unless the same are disposed of to the satisfaction of the Company.

A. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.

B. Any facts, rights, interest, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of person in possession thereof.

C. Easements, claims of easement or encumbrances which are not shown by the public records.

D. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.

E. (1) Unpatented mining claims; (2) reservations or exceptions in patents or in acts authorizing the issuance thereof; (3) Water rights, claims or title to water; whether or not the matters excepted under (1), (2) or (3) are shown by the public records; (4) Indian Tribal Codes or Regulations, Indian Treaty or Aboriginal Rights, including easements or equitable servitudes.

F. Any lien, or right to a lien, for services, labor, materials or medical assistance theretofore or hereafter furnished, imposed by law and not shown by the public records.

G. Any service, installation, connection, maintenance, construction, tap or reimbursement charges/costs for sewer, water, garbage or electricity.

H. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed insured acquires of record for value the estate or interest or mortgages thereon covered by this Commitment.

SCHEDULE B - SECTION 2
(continued)
SPECIAL EXCEPTIONS

1. Lien of the Real Estate Excise Sales Tax and Surcharge upon any sale of said premises, if unpaid. As of the date herein, the excise tax rate for the **City of Redmond** is at **1.78**%. Levy/Area Code: 2020

   For all transactions recorded on or after July 1, 2005:
   - **A fee of $10.00 will be charged on all exempt transactions;**
   - **A fee of $5.00 will be charged on all taxable transactions in addition to the excise tax due.**

2. General Taxes for the year 2012.

Tax Account No.:		072506-9129-05
Amount Billed:	$	144,120.23
Amount Paid:	$	0.00
Amount Due:	$	144,120.23
Assessed Land Value:	$	13,202,200.00
Assessed Improvement Value:	$	0.00

3. Facility Charges, if any, including but not limited to hook-up, or connection charges and latecomer charges for water or sewer facilities of City of Redmond as disclosed by instrument recorded August 9, 1994 under Recording No. 9408091502.

   The above said instrument supercedes the instrument recorded June 4, 1981 under Recording No. 8106040664.

4. Reservations and exceptions, including the terms and conditions thereof:

Reserving:	Minerals
Reserved By:	Weyerhaeuser Timber Co., a Washington corporation
Recorded:	April 10, 1909
Recording Information:	607371

   Document(s) declaring modifications thereof recorded Undisclosed as Recording No. 5045849 of Official Records.

5. Easement, including terms and provisions contained therein:

Recording Information:	February 22, 1985 under Recording No. 8502220918
In Favor of:	Puget Sound Power & Light Company, a Washington corporation
For:	Underground electric transmission and/or distribution system
Affects:	as described therein

6. Restrictions, conditions, dedications, notes, easements and provisions, if any, as contained and/or delineated on the face of the Cadman Gravel Company, a Binding Site Plan recorded May 20, 1985 under Recording No. 8505200386, in King County, Washington.

7. Conditions, notes, easements, provisions contained and/or delineated on the face of the Survey recorded September 11, 1986 under Recording No. 8609119005 in Volume 51 of surveys, at Page 98, in King County, Washington.

8. Conditions, notes, easements, provisions contained and/or delineated on the face of the Survey recorded July 11, 1989 under Recording No. 8907119003 in Volume 67 of surveys, at Pages 36 and 36A, in King County, Washington.

9. Restrictions, conditions, dedications, notes, easements and provisions, if any, as contained and/or delineated on the face of the Amended Binding Site Plan of Cadman Gravel Company recorded in Volume 150, Pages 7 through 9, in King County, Washington.

10. Reservations and exceptions, including the terms and conditions thereof:

Reserving:	Minerals
Reserved By:	Cadman Gravel Co., Inc., a Washington corporation, Jon Magnussen (also appearing of record as John Magnussen), and Paul Taylor and Karen Taylor, husband and wife
Recorded:	January 4, 1990
Recording Information:	9001041586

11. Terms, covenants, conditions and restrictions as contained in recorded Lot Line Adjustment (Boundary Line Revision) LLR 90-21 :

Recorded:	March 25, 1991
Recording Information:	9103259001

Document(s) declaring modifications thereof recorded December 1, 1995 as Recording No. 9512011007 of Official Records.

12. The terms and provisions contained in the document entitled Reimbursement Agreement for Utility Improvements, executed by and between City of Redmond and Network Real Estate Services Inc., recorded December 17, 1992 as Instrument No. 9212170344 of Official Records.

13. Conditions, notes, easements, provisions contained and/or delineated on the face of the Survey recorded November 23, 1994 under Recording No. 9411239004 in Volume 101 of surveys, at Page 45, in King County, Washington.

14. Terms, covenants, conditions and restrictions as contained in recorded Lot Line Adjustment (Boundary Line Revision) LLR 90-21 :

Recorded:	December 1, 1995
Recording Information:	9512019001

15. The terms and provisions contained in the document entitled "Ordinance No. 1882" recorded August 2, 1996 as Recording No. 9608020055 of Official Records.

16. The terms and provisions contained in the document entitled Reimbursement Agreement for Utility Improvements, executed by and between Quadrant Corporation and City of Redmond, recorded June 4, 1999 as Instrument No. 9906042140 of Official Records.

17. Easement, including terms and provisions contained therein:

Recording Information:	June 15, 2000 under Recording No. 20000615001102
In Favor of:	The City of Redmond, its successors and assigns
For:	Utilities and utility pipelines
Affects:	as described therein

18. Easement, including terms and provisions contained therein:

Recording Information:	September 15, 2000 under Recording No. 20000915001088
In Favor of:	The City of Redmond, its successors and assigns
For:	Utilities and utility pipelines
Affects:	as described therein

19. The terms and provisions contained in the document entitled Union Hill Corporate Campus Development Agreement, executed by and between Taylor Union Hill, LLC, and Magnussen-Cadman, LLC, Washington limited liability companies and The City of Redmond, recorded February 21, 2008 as Instrument No. 20080221001446 of Official Records.

20. Terms, covenants, conditions and restrictions as contained in recorded Lot Line Adjustment (Boundary Line Revision) L070381 :

Recorded:	March 11, 2008
Recording Information:	20080311900009

21. The legal description contained in this preliminary title report covers more property than is intended for the transaction. We will require a surveyor's legal description covering the specific property. A sale or conveyance of said parcel may be in violation of partition statutes.

22. Evidence of the authority of the individual(s) to execute the forthcoming document for Taylor Union Hill, LLC, a Washington limited liability company, copies of the current operating agreement should be submitted prior to closing.

23. Evidence of the authority of the individual(s) to execute the forthcoming document for Magnussen-Cadman L.L.C., a Washington limited liability company, copies of the current operating agreement should be submitted prior to closing.

24. Unrecorded leaseholds, if any, rights of vendors and security agreement on personal property and rights of tenants, and secured parties to remove trade fixtures at the expiration of the term.

INFORMATIONAL NOTES

A. Effective January 1, 1997, and pursuant to amendment of Washington State Statutes relating to standardization of recorded documents, the following format and content requirements must be met. Failure to comply may result in rejection of the document by the recorder.

B. Any sketch attached hereto is done so as a courtesy only and is not part of any title commitment or policy. It is furnished solely for the purpose of assisting in locating the premises and First American expressly disclaims any liability which may result from reliance made upon it.

C. The description can be abbreviated as suggested below if necessary to meet standardization requirements. The full text of the description must appear in the document(s) to be insured.

Lt 2, BLA L070381, rec 20080311900009

APN: 072506-9129-05

D. A fee will be charged upon the cancellation of this Commitment pursuant to the Washington State Insurance Code and the filed Rate Schedule of the Company.

END OF SCHEDULE B



First American Title Insurance Company
National Commercial Services

COMMITMENT
Conditions and Stipulations

1. The term "mortgage" when used herein shall include deed of trust, trust deed, or other security instrument.

2. If the proposed Insured has or acquires actual knowledge of a defect, lien, encumbrance, adverse claim or other matter affecting the estate or interest or mortgage thereon covered by this Commitment, other than those shown in Schedule B hereof, and shall fail to disclose such knowledge to the Company in writing, the Company shall be relieved from liability for any loss or damage resulting from any act or reliance hereon to the extent the Company is prejudiced by failure to so disclose such knowledge. If the proposed Insured shall disclosure such knowledge to the Company, or if the Company otherwise acquires actual knowledge of any such defect, lien, encumbrance, adverse claim or other matter, the Company at its option, may amend Schedule B of this Commitment accordingly, but such amendment shall not relieve the Company from liability previously incurred pursuant to paragraph 3 of these Conditions and Stipulations.

3. Liability of the Company under this Commitment shall be only to the named proposed Insured and such parties included under the definition of Insured in the form of Policy or Policies committed for, and only for actual loss incurred in reliance hereon in undertaking in good faith (a) to comply with the requirements hereof, or (b) to eliminate exceptions shown in Schedule B, or (c) to acquire or create the estate or interest or mortgage thereon covered by this Commitment. In no event shall such liability exceed the amount stated in Schedule A for the Policy or Policies committed for and such liability is subject to the Insuring provisions, exclusion from coverage, and the Conditions and Stipulations of the form of Policy or Policies committed for in favor of the proposed Insured which are hereby incorporated by references, and are made a part of this Commitment except as expressly modified herein.

4. Any claim of loss or damage, whether or not based on negligence, and which arises out of the status of the title to the estate or interest or the lien of the Insured mortgage covered hereby or any action asserting such claim, shall be restricted to the provisions and Conditions and Stipulations of this Commitment.

The First American Corporation

First American Title Insurance Company
National Commercial Services

PRIVACY POLICY

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and·
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

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The Riley Group Inc.

ASTM USER QUESTIONNAIRE

ASTM E 1527-05 states that in order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *"Brownfields Amendments")* the *user* must provide the following information (if available) to the *environmental professional.* Failure to provide this information could result in a determination that *"all appropriate inquiry"* is not complete. Please answer the following questions to the best of your knowledge. Please attach additional sheets/documentation as necessary.

Site Address: Lots 4-7 of Parcel 0725069129, Redmond, Washington **RGI Contact:** Tamara Welty

1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? NO

2) Are you aware of any property use limitations such as *engineering controls*, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? NO

3) As a *user* of this ESA do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in a similar business to the current or former *occupants* of the *property* or an adjoining *property* and, therefore, have knowledge of the chemicals and processes used by this type of business? NO

4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? *As the user, if you intend to address this issue separately from our Phase I Environmental Site Assessment (e.g. as part of a property appraisal) please indicate "N/A" here:* YES

5) Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as user:

(a) Do you know the past uses of the *property*? Please include approximate dates, if possible. NO

(b) Do you know of specific chemicals that are present or were once present at the *property*? NO

(c) Do you know of spills or other chemical releases that have taken place at the *property*? NO

(d) Do you know of any environmental cleanups that have taken place at the *property*? NO

(e) Are you aware of any current or former: aboveground or underground storage tanks, sumps, oil/water separators, hydraulic hoists, disposal pits, drywells, other wells and/or septic tanks at the *property*? NO

6) As a *user* of this ESA on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the *property?* (Use separate sheet if necessary). NO

7) Do you have any contact information for past owners of the *property?* (If so, please provide on separate sheet). NO

Signature: Jill Marcotte Date: 2/23/12

Printed Name: Jill Marcotte

Serving the Pacific Northwest
Main Office: 17522 Bothell Way NE, Bothell, WA 98011
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The Riley Group Inc.

ASTM USER QUESTIONNAIRE

ASTM E 1527-05 states that in order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *"Brownfields Amendments")* the *user* must provide the following information (if available) to the *environmental professional.* Failure to provide this information could result in a determination that *"all appropriate inquiry"* is not complete. Please answer the following questions to the best of your knowledge. Please attach additional sheets/documentation as necessary.

Site Address: Lots 4-7 of Parcel 0725069129, Redmond, Washington RGI Contact: Tamara Welty

1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? No

2) Are you aware of any property use limitations such as *engineering controls*, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? The only element we may offer is the recorded Development Agreement with the City of Redmond.

3) As a *user* of this ESA do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in a similar business to the current or former *occupants* of the *property* or an adjoining *property* and, therefore, have knowledge of the chemicals and processes used by this type of business? Yes, we have owned the property and operated businesses on the site for an extended period of years.

4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? *As the user, if you intend to address this issue separately from our Phase I Environmental Site Assessment (e.g. as part of a property appraisal) please indicate "N/A" here:* *The purchase price is a fair market value and does not reflect any credits for site issues.*

5) Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as user:

(a) Do you know the past uses of the *property*? Please include approximate dates, if possible. Yes, the property was an aggregate mining area that has been reclaimed. The pit history dates back to 1940 with coordinated fill operations permitted by state and local authorities.

(b) Do you know of specific chemicals that are present or were once present at the *property*? No

(c) Do you know of spills or other chemical releases that have taken place at the *property*? No

(d) Do you know of any environmental cleanups that have taken place at the *property*? No

(e) Are you aware of any current or former: aboveground or underground storage tanks, sumps, oil/water separators, hydraulic hoists, disposal pits, drywells, other wells and/or septic tanks at the *property*? No

6) As a *user* of this ESA on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the *property?* (Use separate sheet if necessary). No

7) Do you have any contact information for past owners of the *property?* (If so, please provide on separate sheet). We are the past and current property owners and can be reached at ; 15 Lake Bellevue, Suite 102, Bellevue, WA. 98005

Signature: _____ Date: 2/22/2012

Printed Name: Kevin O'Brien

The Riley Group Inc.

ASTM USER QUESTIONNAIRE

ASTM E 1527-05 states that in order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *"Brownfields Amendments"*) the *user* must provide the following information (if available) to the *environmental professional.* Failure to provide this information could result in a determination that *"all appropriate inquiry"* is not complete. Please answer the following questions to the best of your knowledge. Please attach additional sheets/documentation as necessary.

Site Address: Lots 4-7 of Parcel 0725069129, Redmond, Washington RGI Contact: Tamara Welty

1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? no

2) Are you aware of any property use limitations such as *engineering controls*, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? no

3) As a *user* of this ESA do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in a similar business to the current or former *occupants* of the *property* or an adjoining *property* and, therefore, have knowledge of the chemicals and processes used by this type of business? no

4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? *As the user, if you intend to address this issue separately from our Phase I Environmental Site Assessment (e.g. as part of a property appraisal) please indicate "N/A" here:* At fair market value.

5) Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as user:

(a) Do you know the past uses of the *property*? Please include approximate dates, if possible. no

(b) Do you know of specific chemicals that are present or were once present at the *property*? no

(c) Do you know of spills or other chemical releases that have taken place at the *property*? no

(d) Do you know of any environmental cleanups that have taken place at the *property*? no

(e) Are you aware of any current or former: aboveground or underground storage tanks, sumps, oil/water separators, hydraulic hoists, disposal pits, drywells, other wells and/or septic tanks at the *property*? no

6) As a *user* of this ESA on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the *property?* (Use separate sheet if necessary). no

7) Do you have any contact information for past owners of the *property?* (If so, please provide on separate sheet). no

Signature: Gaetys Frosini Date: March 28, 2012

Printed Name: Gaetys Frosini

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188th Avenue Northeast & Northeast 67th Street
188th Avenue Northeast & Northeast 67th Street
Redmond, WA 98052

Inquiry Number: 3259746.1s
February 15, 2012

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
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www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	285
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

188TH AVENUE NORTHEAST & NORTHEAST 67TH STREET
REDMOND, WA 98052

COORDINATES

Latitude (North):	47.6691000 - 47° 40' 8.76''
Longitude (West):	122.0903000 - 122° 5' 25.08''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	568294.2
UTM Y (Meters):	5279705.0
Elevation:	173 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	47122-F1 REDMOND, WA
Most Recent Revision:	1982

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL---------- National Priority List

EXECUTIVE SUMMARY

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

HSL ---------- Hazardous Sites List

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ---------- Aboveground Storage Tank Locations
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL ---------- Institutional Control Site List

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
SWTIRE	Solid Waste Tire Facilities
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
CDL	Clandestine Drug Lab Contaminated Site List
HIST CDL	List of Sites Contaminated by Clandestine Drug Labs
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LUCIS	Land Use Control Information System

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Reported Spills

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
UIC	Underground Injection Wells Listing
DRYCLEANERS	Drycleaner List
NPDES	Water Quality Permit System Data
AIRS	Washington Emissions Data System
Inactive Drycleaners	Inactive Drycleaners
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH	Coal Ash Disposal Site Listing

EXECUTIVE SUMMARY

COAL ASH DOE ---------- Sleam-Electric Plan Operation Data
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ------- PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants ---- EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations -- EDR Proprietary Historic Gas Stations
EDR Historical Cleaners ----- EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENIE INDUSTRIES SCISSORS DIV	***18700 NE 65TH ST***	***S 1/8 - 1/4 (0.187 mi.)***	***16***	***66***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
GENIE INDUSTRIES	***18340 NE 76TH ST***	***WNW 1/8 - 1/4 (0.180 mi.)***	***14***	***29***
IDD AEROSPACE CORP	***18225 NE 76TH ST***	***WNW 1/8 - 1/4 (0.247 mi.)***	***20***	***99***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BIO RAD LABORATORIES REDMOND	*6565 185TH AVENUE NORTH*	*SW 1/8 - 1/4 (0.188 mi.)*	*17*	*84*

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAKESIDE INDUSTRIES LAB	*6500 187TH AVE NE*	*S 0 - 1/8 (0.107 mi.)*	*6*	*13*

Lower Elevation	Address	Direction / Distance	Map ID	Page
GENIE INDUSTRIES BLDG 10	*6812 185TH AVE NE*	*SW 0 - 1/8 (0.086 mi.)*	*A4*	*10*
THREE FIVE SYSTEMS (TFS)	*6640 185TH AVE NE*	*WSW 1/8 - 1/4 (0.148 mi.)*	*C9*	*17*
ETC NORTHWEST	*6645 185TH AVE NE STE 1*	*WSW 1/8 - 1/4 (0.149 mi.)*	*C11*	*19*

State- and tribal - equivalent CERCLIS

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, and dated 10/25/2011 has revealed that there are 9 CSCSL sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WA DOT SR 202 520 TO SAHALEE W	*SR 202 & SAHALEE WAY*	*WSW 1/4 - 1/2 (0.340 mi.)*	*33*	*148*
OLYMPIAN PRECAST INC	*19150 NE UNION HILL RD*	*NNE 1/4 - 1/2 (0.393 mi.)*	*J49*	*213*
ALL WOOD RECYCLING AKA ALL SEA	*8504 192ND AVE NE*	*NNE 1/2 - 1 (0.533 mi.)*	*70*	*264*
LAKE WASHINGTON SCHOOL DIST 41	*6505 176TH NE MARYMOOR*	*WSW 1/2 - 1 (0.672 mi.)*	*71*	*268*
AA AUTO SERVICE CENTER	*8004 AVONDALE RD NE*	*WNW 1/2 - 1 (0.697 mi.)*	*72*	*272*
TTM TECHNOLOGIES INC REDMOND D	*17460 NE 67TH CT*	*WSW 1/2 - 1 (0.716 mi.)*	*73*	*276*
BEAR CREEK CLEANERS	*17260 REDMOND WAY*	*W 1/2 - 1 (0.829 mi.)*	*74*	*277*
LAKESIDE DIVISION 1	*NE 65TH ST & 188TH AVE*	*S 1/2 - 1 (0.898 mi.)*	*75*	*279*
US NATIONAL BANK OF WA BEAR CR	*17000 AVONDALE WAY NE*	*W 1/2 - 1 (0.985 mi.)*	*76*	*280*

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the SWF/LF list, as provided by EDR, and dated 10/11/2011 has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CADMAN INC. - REDMOND PIT	18816 NE 80TH ST.	N 1/4 - 1/2 (0.412 mi.)	L54	234
WATSON ASPHALT PAVING CO INC	19220 NE 80TH ST	NE 1/4 - 1/2 (0.415 mi.)	M56	235

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 11/22/2011 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUNBELT RENTALS INC REDMOND	***17950 REDMOND WAY***	***W 1/4 - 1/2 (0.407 mi.)***	***K50***	***215***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 11/22/2011 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DENNIS R CRAIG CONSTRUCTION IN	***7710 185TH AVE NE***	***NNW 1/8 - 1/4 (0.171 mi.)***	***D13***	***26***
GENIE INDUSTRIES	***18340 NE 76TH ST***	***WNW 1/8 - 1/4 (0.180 mi.)***	***14***	***29***
MIRMAR CONSTRUCTION CO INC	***7760 NE 185TH***	***NNW 1/8 - 1/4 (0.197 mi.)***	***D19***	***98***

State and tribal voluntary cleanup sites

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 10/25/2011 has revealed that there are 4 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DENNIS R CRAIG CONSTRUCTION IN	***7710 185TH AVE NE***	***NNW 1/8 - 1/4 (0.171 mi.)***	***D13***	***26***
GENIE INDUSTRIES	***18340 NE 76TH ST***	***WNW 1/8 - 1/4 (0.180 mi.)***	***14***	***29***
REDMOND CITY MAINTENANCE	***18080 NE 76TH STREET***	***WNW 1/4 - 1/2 (0.338 mi.)***	***F32***	***139***
CAR WASH ENTERPRISES	***17809 REDMOND WAY***	***W 1/4 - 1/2 (0.463 mi.)***	***66***	***256***

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 7 ICR sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
US POSTAL SERVICE	NE 68TH ST. & 185TH AVE	W 0 - 1/8 (0.072 mi.)	A2	8
REDMOND CITY SHOPS	18080 NE 76TH	WNW 1/4 - 1/2 (0.338 mi.)	F31	138
SHULTZ DISTRIBUTING PLANT	***7822 180TH AVE. NE***	***WNW 1/4 - 1/2 (0.377 mi.)***	***44***	***203***
OLYMPIAN PRECAST INC	***19150 UNION HILL RD***	***NNE 1/4 - 1/2 (0.393 mi.)***	***J48***	***211***
CADMAN, INC.	18816 NE 80TH	N 1/4 - 1/2 (0.412 mi.)	L52	233
CADMAN INC.	18816 NE 80TH	N 1/4 - 1/2 (0.412 mi.)	L53	233
CAR WASH ENTERPRISES	***17809 REDMOND WAY***	***W 1/4 - 1/2 (0.463 mi.)***	***66***	***256***

State and tribal Brownfields sites

BROWNFIELDS: A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the BROWNFIELDS list, as provided by EDR, and dated 10/25/2011 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WA DOT SR 202 520 TO SAHALEE W	***SR 202 & SAHALEE WAY***	***WSW 1/4 - 1/2 (0.340 mi.)***	***33***	***148***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Information on facilities and sites of interest to the Department of Ecology.

A review of the ALLSITES list, as provided by EDR, and dated 11/08/2011 has revealed that there are 60 ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAKESIDE INDUSTRIES LAB	***6500 187TH AVE NE***	***S 0 - 1/8 (0.107 mi.)***	***6***	***13***
GENIE INDUSTRIES SCISSORS DIV	***18700 NE 65TH ST***	***S 1/8 - 1/4 (0.187 mi.)***	***16***	***66***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
USPS EPA KING CO DIST CTR	*7241 185TH AVE NE*	*W 0 - 1/8 (0.071 mi.)*	*1*	*7*
ECOVA CORP 67TH CT	*18640 NE 67TH CT STE 20*	*WSW 0 - 1/8 (0.078 mi.)*	*3*	*8*
GENIE INDUSTRIES BLDG 10	*6812 185TH AVE NE*	*SW 0 - 1/8 (0.086 mi.)*	*A4*	*10*
CASCADE UTILITIES INC	*7554 185TH AVE NE*	*NW 0 - 1/8 (0.091 mi.)*	*B5*	*12*
PACER PROPANE	*18459 NE 76TH ST*	*NW 0 - 1/8 (0.114 mi.)*	*B7*	*15*
SUNBELT RENTALS INC	*18455 NE 76TH ST*	*NW 0 - 1/8 (0.120 mi.)*	*B8*	*16*
THREE FIVE SYSTEMS TFS REDMOND	6640 185TH AVE NE	WSW 1/8 - 1/4 (0.148 mi.)	C10	19
ETC NORTHWEST	*6645 185TH AVE NE STE 1*	*WSW 1/8 - 1/4 (0.149 mi.)*	*C11*	*19*
GUIDANT CORP	*6645 185TH AVE NE*	*WSW 1/8 - 1/4 (0.149 mi.)*	*C12*	*21*
DENNIS R CRAIG CONSTRUCTION IN	*7710 185TH AVE NE*	*NNW 1/8 - 1/4 (0.171 mi.)*	*D13*	*26*
GENIE INDUSTRIES	*18340 NE 76TH ST*	*WNW 1/8 - 1/4 (0.180 mi.)*	*14*	*29*
MK BATTERY REDMOND	*7730 185TH AVE NE STE 2*	*NNW 1/8 - 1/4 (0.181 mi.)*	*D15*	*65*
BIO RAD LABORATORIES REDMOND	*6565 185TH AVENUE NORTH*	*SW 1/8 - 1/4 (0.188 mi.)*	*17*	*84*
MUTUAL MATERIALS CO REDMOND BR	*7760 185TH AVE NE*	*NNW 1/8 - 1/4 (0.196 mi.)*	*D18*	*97*
MIRMAR CONSTRUCTION CO INC	*7760 NE 185TH*	*NNW 1/8 - 1/4 (0.197 mi.)*	*D19*	*98*
IDD AEROSPACE CORP	*18225 NE 76TH ST*	*WNW 1/8 - 1/4 (0.247 mi.)*	*20*	*99*
EDMOND SCIENCE CTR 2562B01	*18120 NE 68TH ST*	*W 1/4 - 1/2 (0.257 mi.)*	*E21*	*121*
DATA I O	6464 185TH AVE NE STE 1	SW 1/4 - 1/2 (0.259 mi.)	22	122
B & B HEATING & AIR CONDITIONI	*18103 NE 68TH ST BLDG C*	*W 1/4 - 1/2 (0.286 mi.)*	*E23*	*122*
LAMSON DIVISION OF SAGE MFG CO	*18080 NE 68TH ST BLDG C*	*W 1/4 - 1/2 (0.296 mi.)*	*E24*	*124*
FRITO LAY INC REDMOND	*18128 NE 76TH BLDG 4*	*WNW 1/4 - 1/2 (0.307 mi.)*	*F25*	*125*
SAJASA CONSTRUCTION INC	*18124 NE 76TH ST*	*WNW 1/4 - 1/2 (0.310 mi.)*	*F26*	*127*
SAJASA CONSTRUCTION	18124 NE 76TH ST	WNW 1/4 - 1/2 (0.310 mi.)	F27	129
WEYERCO LEASING INC SHOP FACIL	*18122 NE 76TH*	*WNW 1/4 - 1/2 (0.311 mi.)*	*F28*	*130*
REDMOND CITY UST 8985	*18120 NE 76TH ST*	*WNW 1/4 - 1/2 (0.312 mi.)*	*F29*	*132*
WHIRLPOOL FACTORY SVC	*18047 NE 68TH ST STE B1*	*W 1/4 - 1/2 (0.333 mi.)*	*G30*	*137*
REDMOND CITY MAINTENANCE	*18080 NE 76TH STREET*	*WNW 1/4 - 1/2 (0.338 mi.)*	*F32*	*139*
WA DOT SR 202 520 TO SAHALEE W	*SR 202 & SAHALEE WAY*	*WSW 1/4 - 1/2 (0.340 mi.)*	*33*	*148*
RING & PINION SERVICE	*18014 REDMOND WAY UNIT*	*WSW 1/4 - 1/2 (0.366 mi.)*	*H34*	*149*
GUARANTEED RADIATOR	*18014 REDMOND WAY UNIT*	*WSW 1/4 - 1/2 (0.366 mi.)*	*H35*	*151*
ADCORP	*18005 NE 68TH ST STE A1*	*W 1/4 - 1/2 (0.368 mi.)*	*G36*	*153*
GENIE INDUSTRIES MOOSE WERKS	*7140 180TH AVE NE*	*W 1/4 - 1/2 (0.369 mi.)*	*I37*	*154*
AAR TESTING LABORATORIES	*7126 180TH AVE NE*	*W 1/4 - 1/2 (0.369 mi.)*	*I38*	*183*
REDMOND AUTOMOTIVE	*18130 REDMOND FALL CITY*	*SW 1/4 - 1/2 (0.370 mi.)*	*H39*	*185*
KENS REDMOND AUTO BODY INC	*18138 REDMOND FALL CITY*	*SW 1/4 - 1/2 (0.370 mi.)*	*40*	*186*
LINDER ELECTRIC	*7004 180TH AVE NE*	*W 1/4 - 1/2 (0.370 mi.)*	*41*	*197*
REDMOOR CORPORATION	*6848 180TH AVE NE*	*W 1/4 - 1/2 (0.372 mi.)*	*G42*	*198*
SAMMAMISH POINT GROCERY DELI	*18065 REDMOND WAY*	*WSW 1/4 - 1/2 (0.373 mi.)*	*H43*	*200*
KING CNTY DPW CADMAN PIT	*19101 NE UNION HILL RD*	*NNE 1/4 - 1/2 (0.384 mi.)*	*J45*	*205*
STRAND HUNT REDMOND YARD	*19340 NE 80TH ST*	*NNE 1/4 - 1/2 (0.386 mi.)*	*J46*	*208*
GOLDER ASSOC INC	*18366 REDMOND FALL CITY*	*SW 1/4 - 1/2 (0.391 mi.)*	*47*	*209*
OLYMPIAN PRECAST INC	*19150 NE UNION HILL RD*	*NNE 1/4 - 1/2 (0.393 mi.)*	*J49*	*213*
SUNBELT RENTALS INC REDMOND	*17950 REDMOND WAY*	*W 1/4 - 1/2 (0.407 mi.)*	*K50*	*215*
CADMAN REDMOND	*18816 NE 80TH ST*	*N 1/4 - 1/2 (0.412 mi.)*	*L51*	*217*
WATSON ASPHALT PAVING CO INC	*19220 UNION HILL RD*	*NE 1/4 - 1/2 (0.415 mi.)*	*M55*	*234*
SCHROEDER & SONS	*19222 NE 80TH*	*NE 1/4 - 1/2 (0.416 mi.)*	*M57*	*236*
SE REDMOND REGIONAL STORMWATER	18655 NE UNION HILL ROA	N 1/4 - 1/2 (0.419 mi.)	58	238
GOLDEN RULE & B&J ROOFING	*19205 NE 80TH*	*NE 1/4 - 1/2 (0.420 mi.)*	*M59*	*239*
HOME DEPOT 4723	*17777 NE 76TH ST*	*W 1/4 - 1/2 (0.425 mi.)*	*N60*	*240*
HOME DEPOT 4723	*17777 NE 76TH ST*	*W 1/4 - 1/2 (0.425 mi.)*	*N61*	*242*
LUMBERMENS BUILDING CENTER RED	*17875 REDMOND WAY*	*W 1/4 - 1/2 (0.429 mi.)*	*K62*	*251*
CLASSIC CLEANERS E LAKE SAMMAM	*6255 E LAKE SAMMAMISH P*	*SW 1/4 - 1/2 (0.452 mi.)*	*63*	*252*
REDMOND WASTE OIL	*6206 E LAKE SAMMAMISH P*	*SW 1/4 - 1/2 (0.453 mi.)*	*64*	*254*
DEER CREEK CONDOMINIUMS	*18500 REDMOND FALL CITY*	*SSW 1/4 - 1/2 (0.459 mi.)*	*65*	*255*
CAR WASH ENTERPRISES	*17809 REDMOND WAY*	*W 1/4 - 1/2 (0.463 mi.)*	*66*	*256*
BEAR CREEK COMMONS	18100 NE UNION HILL RD	NW 1/4 - 1/2 (0.465 mi.)	67	260

Lower Elevation	Address	Direction / Distance	Map ID	Page
NW SAND & GRAVEL PIT	*7311 196TH NE*	*ENE 1/4 - 1/2 (0.470 mi.)*	*68*	*260*
NOW IMPRESSIONS	*17985 NE 65TH ST*	*WSW 1/4 - 1/2 (0.475 mi.)*	*69*	*262*

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 10/25/2011 has revealed that there are 5 CSCSL NFA sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DENNIS R CRAIG CONSTRUCTION IN	*7710 185TH AVE NE*	*NNW 1/8 - 1/4 (0.171 mi.)*	*D13*	*26*
GENIE INDUSTRIES	*18340 NE 76TH ST*	*WNW 1/8 - 1/4 (0.180 mi.)*	*14*	*29*
REDMOND CITY MAINTENANCE	*18080 NE 76TH STREET*	*WNW 1/4 - 1/2 (0.338 mi.)*	*F32*	*139*
CADMAN REDMOND	*18816 NE 80TH ST*	*N 1/4 - 1/2 (0.412 mi.)*	*L51*	*217*
CAR WASH ENTERPRISES	*17809 REDMOND WAY*	*W 1/4 - 1/2 (0.463 mi.)*	*66*	*256*

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there are 6 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USPS EPA KING CO DIST CTR	*7241 185TH AVE NE*	*W 0 - 1/8 (0.071 mi.)*	*1*	*7*
ECOVA CORP 67TH CT	*18640 NE 67TH CT STE 20*	*WSW 0 - 1/8 (0.078 mi.)*	*3*	*8*
CASCADE UTILITIES INC	*7554 185TH AVE NE*	*NW 0 - 1/8 (0.091 mi.)*	*B5*	*12*
SUNBELT RENTALS INC	*18455 NE 76TH ST*	*NW 0 - 1/8 (0.120 mi.)*	*B8*	*16*
GUIDANT CORP	*6645 185TH AVE NE*	*WSW 1/8 - 1/4 (0.149 mi.)*	*C12*	*21*
DENNIS R CRAIG CONSTRUCTION IN	*7710 185TH AVE NE*	*NNW 1/8 - 1/4 (0.171 mi.)*	*D13*	*26*

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2010 has revealed that there are 5 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENIE INDUSTRIES SCISSORS DIV	*18700 NE 65TH ST*	*S 1/8 - 1/4 (0.187 mi.)*	*16*	*66*

Lower Elevation	Address	Direction / Distance	Map ID	Page
GUIDANT CORP	*6645 185TH AVE NE*	*WSW 1/8 - 1/4 (0.149 mi.)*	*C12*	*21*

EXECUTIVE SUMMARY

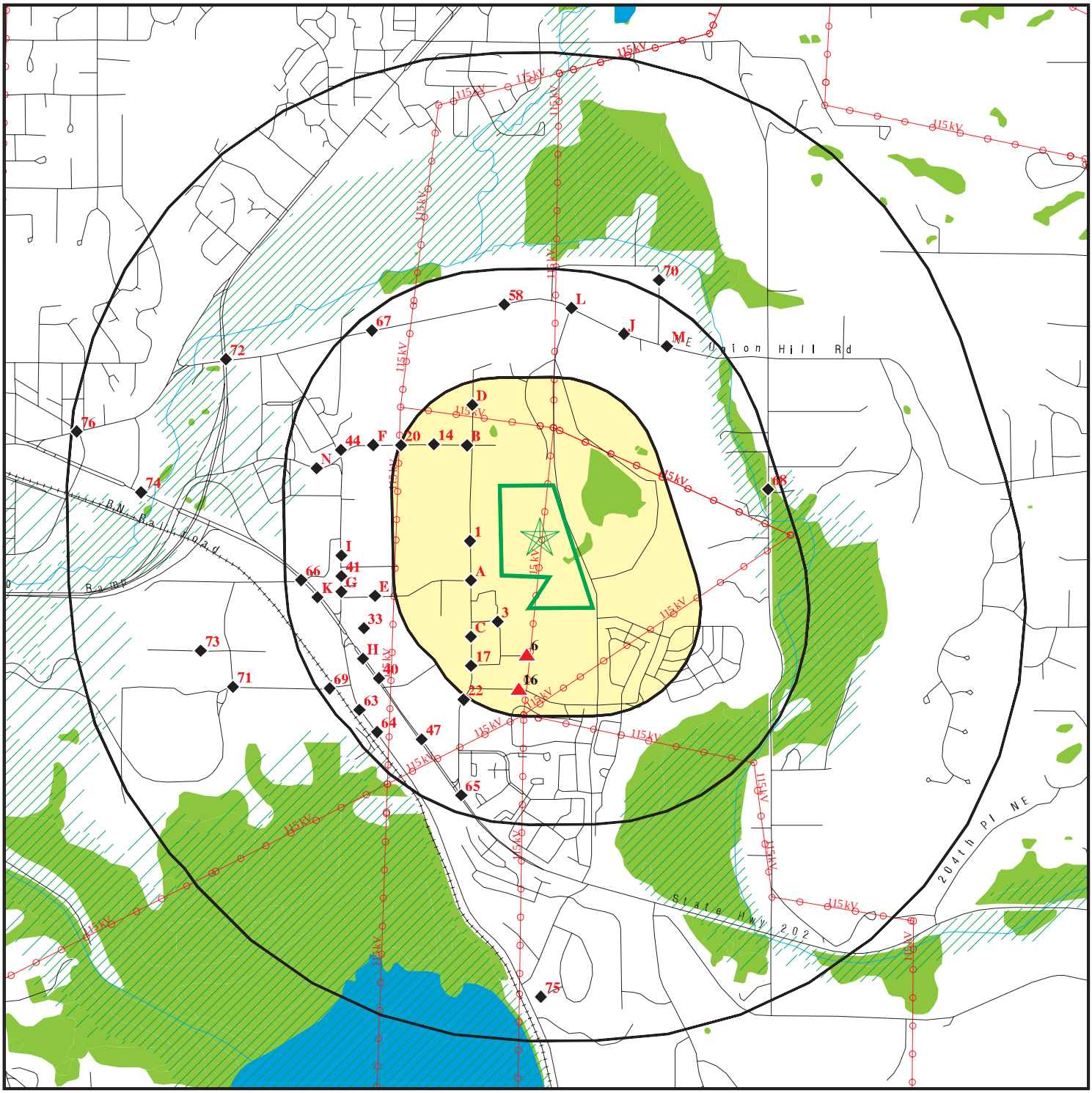
Lower Elevation	Address	Direction / Distance	Map ID	Page
GENIE INDUSTRIES	*18340 NE 76TH ST*	*WNW 1/8 - 1/4 (0.180 mi.)*	*14*	*29*
BIO RAD LABORATORIES REDMOND	*6565 185TH AVENUE NORTH*	*SW 1/8 - 1/4 (0.188 mi.)*	*17*	*84*
IDD AEROSPACE CORP	*18225 NE 76TH ST*	*WNW 1/8 - 1/4 (0.247 mi.)*	*20*	*99*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 28 records.

Site Name	Database(s)
AEROJET GENERAL CORPORATION	RCRA-LQG, ALLSITES, MANIFEST, SPILLS
REDMOND ABANDONED TRU	RCRA-NonGen, FINDS, ALLSITES
DIESEL CLEANUP 107TH NE & 184TH NE	RCRA-NonGen, FINDS, ALLSITES
US POSTAL SERVICE REDMOND	ALLSITES, CSCSL NFA, VCP
NORTHWEST TECHNICAL CENTER	ALLSITES
PSE NORTH KING SVC CTR	RCRA-CESQG, FINDS, ALLSITES, CSCSL NFA, UST, MANIFEST, VCP
RICH LANDSCAPING INC	ALLSITES, SPILLS
228TH STREET TOWNHOMES	ALLSITES
14401 188TH AVE. NE	PCB TRANSFORMER
14401 188TH AVE. NE	PCB TRANSFORMER
14401 188TH AVE. NE	PCB TRANSFORMER
WASTE MOBILE COLLECTIONS	SWF/LF
AURORA AVE NORTH AND NORTH 85 STRE	ERNS
1414 SOUTH CONCORD STREET	ERNS
NONE 1403 SW 308TH STREET	ERNS
SOUTH PORTLAND STREET	ERNS
5219 SHILL SHOAL AVENUE NW	ERNS
NORTH SIDE OF EAST JEFFERSON STREE	ERNS
AT THE INNERSECTION OF NORTHEAST N	ERNS
UNKNOWN SHEEN INCIDENT NORTHEAST 1	ERNS
UNKNOWN SHEEN INCIDENT 653 NORTH W	ERNS
UNKNOWN SHEEN INCIDENT 4207 9TH AV	ERNS
UNKNOWN SHEEN INCIDENT - 653 NORTH	ERNS
NORTHEAST 87TH STREET &	ERNS
NE 90TH STREET BRIDGE	ERNS
95 RIVERSIDE STREET	ICR
95 RIVERSIDE STREET (TWO REPORTS)	ICR
PUGET SOUND ENERGY	ICR

OVERVIEW MAP - 3259746.1s



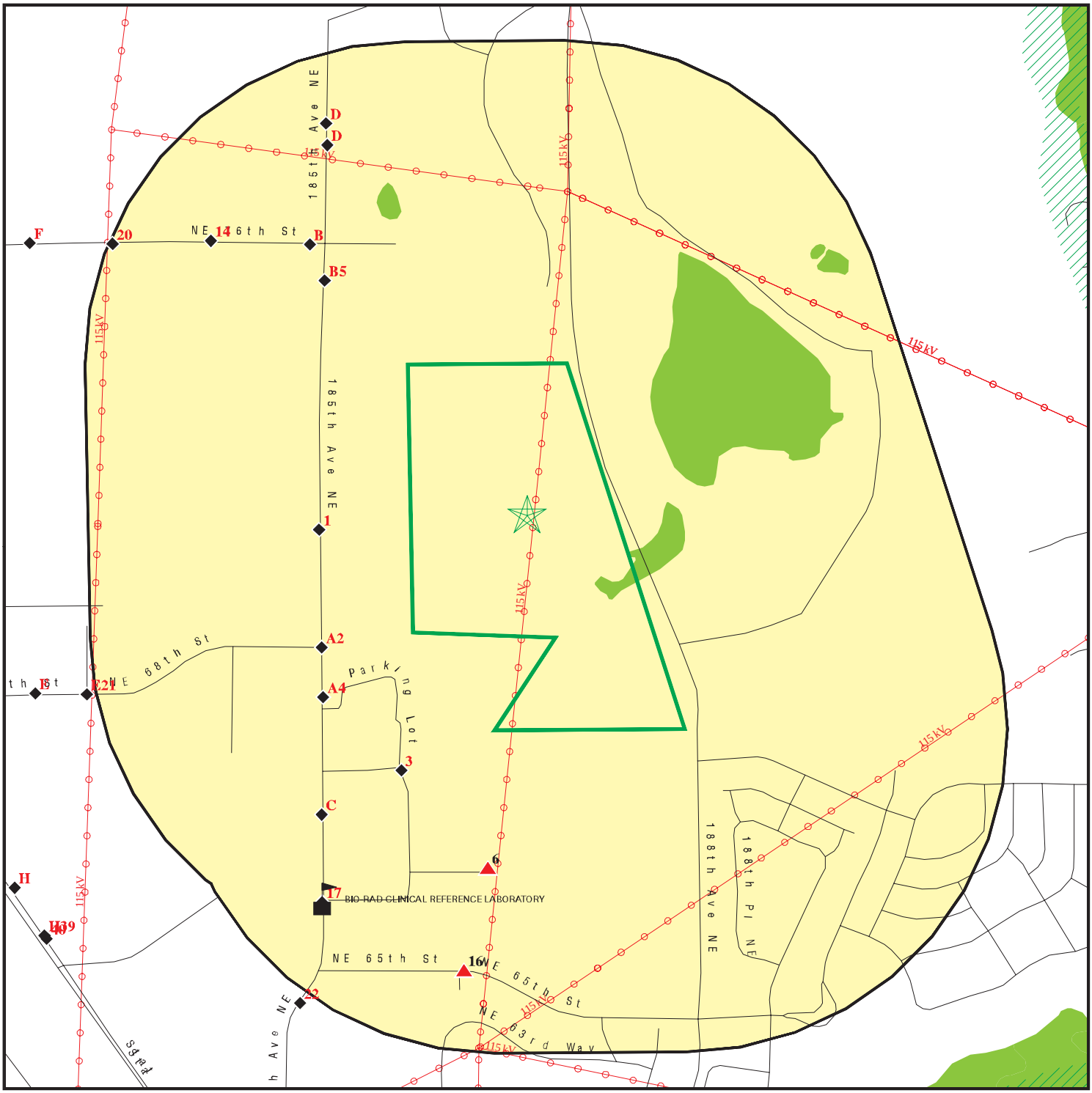
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	188th Avenue Northeast & Northeast 67th Street	CLIENT:	The Riley Group, Inc.
ADDRESS:	188th Avenue Northeast & Northeast 67th Street Redmond WA 98052	CONTACT:	Tamara Welty
LAT/LONG:	47.6691 / 122.0903	INQUIRY #:	3259746.1s
		DATE:	February 15, 2012 2:11 pm

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DETAIL MAP - 3259746.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 188th Avenue Northeast & Northeast 67th Street	CLIENT: The Riley Group, Inc.
ADDRESS: 188th Avenue Northeast & Northeast 67th Street Redmond WA 98052	CONTACT: Tamara Welty INQUIRY #: 3259746.1s
LAT/LONG: 47.6691 / 122.0903	DATE: February 15, 2012 2:12 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	3	NR	NR	NR	3
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	2	2	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
HSL		1.000	0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CSCSL		1.000	0	0	2	7	NR	9
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LUST		0.500	0	0	1	NR	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
UST		0.250	0	3	NR	NR	NR	3
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	2	2	NR	NR	4
ICR		0.500	1	0	6	NR	NR	7
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
ALLSITES		0.500	7	11	42	NR	NR	60
CSCSL NFA		0.500	0	2	3	NR	NR	5
CDL		TP	NR	NR	NR	NR	NR	0
HIST CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	4	2	NR	NR	NR	6

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
MANIFEST		0.250	0	5	NR	NR	NR	5
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	0	0	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
West
< 1/8
0.071 mi.
376 ft.

USPS EPA KING CO DIST CTR
7241 185TH AVE NE
REDMOND, WA 98052

RCRA-NonGen
FINDS
ALLSITES

1000660774
WA4180000123

Relative:
Lower

Actual:
57 ft.

RCRA-NonGen:

Date form received by agency:	02/12/1992
Facility name:	USPS EPA KING CO DIST CTR
Facility address:	7241 185TH AVE NE REDMOND, WA 980526715
EPA ID:	WA4180000123
Contact:	DONALD LAFORD
Contact address:	7241 185TH AVE NE REDMOND, WA 98052-6744
Contact country:	US
Contact telephone:	(425)656-4346
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	USPS VEHICLE MAINT FACILITY SEATTLE
Owner/operator address:	7241 185TH AVE NE REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/12/1992
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005309656

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

USPS EPA KING CO DIST CTR (Continued) **1000660774**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	47364151
Latitude:	47.67116
Longitude:	-122.09412
Geographic location identifier (alias facid):	47364151
Facility Name:	USPS EPA King Co Dist Ctr
Latitude Decimal Degrees:	47.67116
Longitude Decimal Degrees:	-122.09412
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

A2 **US POSTAL SERVICE** **ICR** **S105454457**
West **NE 68TH ST. & 185TH AVE. NE** **N/A**
< 1/8 **REDMOND, WA 98052**
0.072 mi.
378 ft. **Site 1 of 2 in cluster A**

Relative:
Lower

Actual:
80 ft.

ICR:

Date Ecology Received Report:	04/04/91
Contaminants Found at Site:	Petroleum products, Non-haologenated solvents, Polynuclear aromatic hydrocarbons
Media Contaminated:	Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	91-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported

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3 **ECOVA CORP 67TH CT** **RCRA-NonGen** **1000660323**
WSW **18640 NE 67TH CT STE 200** **FINDS** **WAD988500070**
< 1/8 **REDMOND, WA 98052** **ALLSITES**
0.078 mi.
414 ft.

Relative:
Lower

Actual:
152 ft.

RCRA-NonGen:

Date form received by agency:	01/01/1995
Facility name:	ECOVA CORP 67TH CT
Facility address:	18640 NE 67TH CT STE 200 REDMOND, WA 980526728
EPA ID:	WAD988500070
Mailing address:	800 JEFFERSON COUNTY PKWY GOLDEN, CO 80401-6009
Contact:	MICHAEL EDWARD
Contact address:	800 JEFFERSON COUNTY PKWY GOLDEN, CO 80401-6009

ECOVA CORP 67TH CT (Continued) **1000660323**

Contact country: US
Contact telephone: (303)273-7034
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ECOVA CORP
Owner/operator address: 800 JEFFERSON COUNTY PKWY
GOLDEN, CO 80401
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1995
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/31/1994
Facility name: ECOVA CORP 67TH CT
Site name: ECOVA CORPORATION
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110005371169

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECOVA CORP 67TH CT (Continued) **1000660323**

ALLSITES:

Facility Id:	66646385	
Latitude:	47.66507	
Longitude:	-122.09341	
Geographic location identifier (alias facid):		66646385
Facility Name:		Ecova Corp 67th CT
Latitude Decimal Degrees:		47.66507
Longitude Decimal Degrees:		-122.09341000000001
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		99
Location Verified Code:		N

A4 **GENIE INDUSTRIES BLDG 10** **RCRA-CESQG 1000236291**
SW **6812 185TH AVE NE** **FINDS WAD982656506**
< 1/8 **REDMOND, WA 98052** **ALLSITES**
0.086 mi.
452 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
128 ft.

RCRA-CESQG:

Date form received by agency:	11/24/1998
Facility name:	SEALED AIR CORP REDMOND
Facility address:	6812 185TH AVE NE REDMOND, WA 98052
EPA ID:	WAD982656506
Contact:	JOSEPH MOESCH
Contact address:	6812 185TH AVE NE REDMOND, WA 98052-6712
Contact country:	US
Contact telephone:	(425)885-9648
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	TOM THOMASON
Owner/operator address:	6812 185TH AVE NE REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator

GENIE INDUSTRIES BLDG 10 (Continued) **1000236291**

Owner/Op start date: 02/19/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005347124

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:
Facility Id: 88629833
Latitude: 47.66695
Longitude: -122.09455
Geographic location identifier (alias facid): 88629833
Facility Name: GENIE INDUSTRIES BLDG 10
Latitude Decimal Degrees: 47.66695
Longitude Decimal Degrees: -122.09455
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

B5 **CASCADE UTILITIES INC** **RCRA-NonGen** **1001031680**
NW **7554 185TH AVE NE** **FINDS** **WAR000003897**
< 1/8 **REDMOND, WA 98052** **ALLSITES**
0.091 mi.
483 ft. **Site 1 of 3 in cluster B**

Relative:
Lower

Actual:
45 ft.

RCRA-NonGen:

Date form received by agency:	08/09/1999
Facility name:	CASCADE UTILITIES INC
Facility address:	7554 185TH AVE NE REDMOND, WA 98052
EPA ID:	WAR000003897
Mailing address:	PO BOX 322 REDMOND, WA 98073-0322
Contact:	CHRISTINE HADDOCK
Contact address:	PO BOX 322 REDMOND, WA 98073-0322
Contact country:	US
Contact telephone:	(425)861-8787
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CASCADE UTILITIES INC
Owner/operator address:	PO BOX 322 REDMOND, WA 98073
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/03/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	02/04/1998
Evaluation:	COMPLIANCE ASSISTANCE VISIT

CASCADE UTILITIES INC (Continued) **1001031680**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005401065

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	9993918
Latitude:	47.67286
Longitude:	-122.09415
Geographic location identifier (alias facid):	9993918
Facility Name:	Cascade Utilities Inc
Latitude Decimal Degrees:	47.67286
Longitude Decimal Degrees:	-122.09415
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

---

6 **LAKESIDE INDUSTRIES LAB** **RCRA-CESQG** **1000222147**
South **6500 187TH AVE NE** **FINDS** **WAD988474094**
< 1/8 **REDMOND, WA 98052** **ALLSITES**
0.107 mi.
563 ft.

Relative:
Higher

Actual:
182 ft.

RCRA-CESQG:

Date form received by agency:	11/13/1995
Facility name:	LAKESIDE INDUSTRIES LAB
Facility address:	6500 187TH AVE NE REDMOND, WA 98052
EPA ID:	WAD988474094
Mailing address:	PO BOX 1379 BELLEVUE, WA 98009-1379
Contact:	FORREST LANE
Contact address:	PO BOX 1379 BELLEVUE, WA 98009-1379
Contact country:	US
Contact telephone:	(425)313-2600
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

LAKESIDE INDUSTRIES LAB (Continued) **1000222147**

waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: BILL DEMPSEY
Owner/operator address: PO BOX 1379
BELLEVUE, WA 98009
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/13/1995
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/16/1990
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005353438

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

LAKESIDE INDUSTRIES LAB (Continued) **1000222147**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	51529175
Latitude:	47.6641100
Longitude:	-122.09157
Geographic location identifier (alias facid):	51529175
Facility Name:	Lakeside Industries Lab
Latitude Decimal Degrees:	47.664110000000001
Longitude Decimal Degrees:	-122.09157999999999
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

B7 **PACER PROPANE** **FINDS** **1007074089**
NW **18459 NE 76TH ST** **ALLSITES** **N/A**
< 1/8 **REDMOND, WA 98052**
0.114 mi.
601 ft. **Site 2 of 3 in cluster B**

Relative:
Lower

Actual:
43 ft.

FINDS:

Registry ID: 110015507263

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

ALLSITES:

Facility Id:	23395612
Latitude:	47.6715856
Longitude:	-122.09635
Geographic location identifier (alias facid):	23395612
Facility Name:	PACER PROPANE
Latitude Decimal Degrees:	47.671585689899999
Longitude Decimal Degrees:	-122.096356801
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

B8
NW
< 1/8
0.120 mi.
634 ft.

SUNBELT RENTALS INC
18455 NE 76TH ST
REDMOND, WA 98052

Site 3 of 3 in cluster B

RCRA-NonGen | **1004794107**
FINDS | **WAD988490546**
ALLSITES

Relative:
Lower

Actual:
43 ft.

RCRA-NonGen:

Date form received by agency:	02/07/2003
Facility name:	SUNBELT RENTALS INC
Facility address:	18455 NE 76TH ST REDMOND, WA 98052
EPA ID:	WAD988490546
Mailing address:	17950 REDMOND WAY REDMOND, WA 98052
Contact:	BRAD JEPPESEN
Contact address:	17950 REDMOND WAY REDMOND, WA 98052
Contact country:	US
Contact telephone:	(425)885-0505
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SUNBELT RENTALS INC
Owner/operator address:	17950 REDMOND WAY REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/01/2001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005363999

Environmental Interest/Information System

SUNBELT RENTALS INC (Continued) **1004794107**

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	21385196
Latitude:	47.6718899
Longitude:	-122.09384
Geographic location identifier (alias facid):	21385196
Facility Name:	Sunbelt Rentals Inc
Latitude Decimal Degrees:	47.671889999999998
Longitude Decimal Degrees:	-122.09384
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

C9 **THREE FIVE SYSTEMS (TFS)** **RCRA-CESQG** **1004795069**
WSW **6640 185TH AVE NE** **FINDS** **WAR000007153**
1/8-1/4 **REDMOND, WA 98052**
0.148 mi.
784 ft. **Site 1 of 4 in cluster C**

Relative:
Lower

Actual:
133 ft.

RCRA-CESQG:

Date form received by agency:	03/20/2004
Facility name:	THREE FIVE SYSTEMS (TFS)
Facility address:	6640 185TH AVE NE REDMOND, WA 98052
EPA ID:	WAR000007153
Contact:	JOHN WALTERS
Contact address:	6640 185TH AVE NE REDMOND, WA 98052-5038
Contact country:	US
Contact telephone:	(425)885-0107
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

THREE FIVE SYSTEMS (TFS) (Continued) **1004795069**

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: JOHN WALTERS
Owner/operator address: 6640 185TH AVE NE
REDMOND, WA 98052
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 03/06/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: Yes
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: THREE FIVE SYSTEMS (TFS)
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005403492

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that

THREE FIVE SYSTEMS (TFS) (Continued) **1004795069**

these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

C10 **THREE FIVE SYSTEMS TFS REDMOND** **ALLSITES** **S109556474**
WSW **6640 185TH AVE NE** **N/A**
1/8-1/4 **REDMOND, WA 98052**
0.148 mi.
784 ft. **Site 2 of 4 in cluster C**

Relative:
Lower

Actual:
133 ft.

ALLSITES:

Facility Id:	61693256	
Latitude:	47.6649499	
Longitude:	-122.09441	
Geographic location identifier (alias facid):		61693256
Facility Name:		THREE FIVE SYSTEMS TFS REDMOND
Latitude Decimal Degrees:		47.664949999999997
Longitude Decimal Degrees:		-122.09441
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		99
Location Verified Code:		N

C11 **ETC NORTHWEST** **RCRA-CESQG** **1001490792**
WSW **6645 185TH AVE NE STE 100** **FINDS** **WAD988502522**
1/8-1/4 **REDMOND, WA 98052** **ALLSITES**
0.149 mi.
785 ft. **Site 3 of 4 in cluster C**

Relative:
Lower

Actual:
133 ft.

RCRA-CESQG:

Date form received by agency:	08/22/1995
Facility name:	ETC NORTHWEST
Facility address:	6645 185TH AVE NE STE 100 REDMOND, WA 980525038
EPA ID:	WAD988502522
Mailing address:	4350 FAIRFAX DR STE 300 ARLINGTON, VA 22203-1619
Contact:	CAROL P HANNA
Contact address:	4350 FAIRFAX DR STE 300 ARLINGTON, VA 22203-1619
Contact country:	US
Contact telephone:	(703)516-2300
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar

ETC NORTHWEST (Continued) **1001490792**

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	APBI ENVIRONMENTAL SC GROUP
Owner/operator address:	4350 FAIRFAX DR STE 300 ARLINGTON, VA 22203
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/22/1995
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005372738

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource

ETC NORTHWEST (Continued) **1001490792**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	84964641
Latitude:	47.6652100
Longitude:	-122.09448
Geographic location identifier (alias facid):	84964641
Facility Name:	ETC Northwest
Latitude Decimal Degrees:	47.665210000000002
Longitude Decimal Degrees:	-122.09448
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

C12 **GUIDANT CORP** **RCRA-NonGen** **1001490941**
WSW **6645 185TH AVE NE** **FINDS** **WAD988516399**
1/8-1/4 **REDMOND, WA 98052** **ALLSITES**
0.149 mi. **MANIFEST**
785 ft. **Site 4 of 4 in cluster C**

Relative: Lower

Actual: 133 ft.

RCRA-NonGen:

Date form received by agency:	01/22/2007
Facility name:	GUIDANT CORP
Facility address:	6645 185TH AVE NE REDMOND, WA 98052
EPA ID:	WAD988516399
Contact:	JANICE BLACKHURST
Contact address:	6645 185TH AVE NE REDMOND, WA 98052
Contact country:	US
Contact telephone:	(425)376-1356
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JANICE BLACKHURST
Owner/operator address:	6645 185TH AVE NE REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/21/2006
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

GUIDANT CORP (Continued) **1001490941**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	12/31/2005
Facility name:	GUIDANT CORP
Classification:	Not a generator, verified

Date form received by agency:	12/31/2003
Facility name:	GUIDANT CORP
Classification:	Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110006900522

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:

Facility Id:	85792962
Latitude:	47.6652100
Longitude:	-122.09448
Geographic location identifier (alias facid):	85792962
Facility Name:	Guidant Corp
Latitude Decimal Degrees:	47.665210000000002
Longitude Decimal Degrees:	-122.09448
Coordinate Point Areal Extent Code:	99

GUIDANT CORP (Continued) **1001490941**

Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

WA MANIFEST:
Facility Site ID Number: 85792962
SWC Desc: Not reported
FWC Desc: D002 some gel acid batteries for small UPS
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
"Other marketers (i.e., blender, distributor, etc.)": No
Utility boiler burner: No
Industry boiler burner: No
Industrial Furnace: No
Smelter defferal: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
EPA ID: WAD988516399
Facility Address 2: Not reported
TAX REG NBR: 601066020
NAICS CD: 42345
BUSINESS TYPE: Medical device design
MAIL NAME: Guidant Corp
MAIL ADDR LINE1: 6645 185TH AVE NE
MAIL CITY,ST,ZIP: REDMOND, WA 98052
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Guidant Corp
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 111 Monument Circle 29th Pl
LEGAL CITY,ST,ZIP: Indianapolis, IN 46204-5129
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 317-971-2000
LEGAL EFFECTIVE DATE: 11/3/1978
LAND ORG NAME: Carr America Realty Corp
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 10785 WILLOWS RD NE
LAND ADDR LINE2: STE 250

GUIDANT CORP (Continued) **1001490941**

LAND CITY,ST,ZIP:	REDMOND, WA 98052
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)558-2245
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6645 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)376-1356
OPERATOR EFFECTIVE DATE:	Not reported
SITE CONTACT NAME:	Janice Blackhurst
SITE CONTACT ADDR LINE1:	6645 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)376-1356
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Janice Blackhurst
FORM CONTACT ADDR LINE1:	6645 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425376-1356
FORM CONTACT EMAIL:	janice.blackhurst@guidant.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	No
BATCH GENERATION:	No
ONE TIME GENERATION:	Yes
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	85792962
SWC Desc:	Not reported
FWC Desc:	D002 some gel acid batteries for small UPS
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE

GUIDANT CORP (Continued) **1001490941**

Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD988516399
Facility Address 2:	Not reported
TAX REG NBR:	601066020
NAICS CD:	42345
BUSINESS TYPE:	Medical device design
MAIL NAME:	Guidant Corp
MAIL ADDR LINE1:	6645 185TH AVE NE
MAIL CITY,ST,ZIP:	REDMOND, WA 98052
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Guidant Corp
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	111 Monument Circle 29th Pl
LEGAL CITY,ST,ZIP:	Indianapolis, IN 46204-5129
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	317-971-2000
LEGAL EFFECTIVE DATE:	11/3/1978
LAND ORG NAME:	Carr America Realty Corp
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	10785 WILLOWS RD NE
LAND ADDR LINE2:	STE 250
LAND CITY,ST,ZIP:	REDMOND, WA 98052
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)558-2245
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6645 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)376-1356
OPERATOR EFFECTIVE DATE:	Not reported
SITE CONTACT NAME:	Janice Blackhurst
SITE CONTACT ADDR LINE1:	6645 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)376-1356
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Janice Blackhurst
FORM CONTACT ADDR LINE1:	6645 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425376-1356
FORM CONTACT EMAIL:	janice.blackhurst@guidant.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	FALSE

GUIDANT CORP (Continued) **1001490941**

BATCH GENERATION: FALSE
ONE TIME GENERATION: TRUE
TRANSPORTS OWN WASTE: FALSE
TRANSPORTS OTHRS WASTE: FALSE
RECYCLER ONSITE: FALSE
TRANSFER FACILITY: FALSE
OTHER EXEMPTION: Not reported
UW BATTERY GEN: FALSE
USED OIL TRANSPORTER: FALSE
USED OIL TRANSFER FACLTY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

D13 **DENNIS R CRAIG CONSTRUCTION INC** **RCRA-NonGen** **1000316241**
NNW **7710 185TH AVE NE** **FINDS** **WAD071844922**
1/8-1/4 **REDMOND, WA 98052** **ALLSITES**
0.171 mi. **CSCSL NFA**
902 ft. **Site 1 of 4 in cluster D** **UST**
VCP

Relative:
Lower

Actual:
43 ft.

RCRA-NonGen:
Date form received by agency: 01/25/2005
Facility name: DENNIS R CRAIG CONSTRUCTION INC
Facility address: 7710 185TH AVE NE
REDMOND, WA 98052
EPA ID: WAD071844922
Mailing address: PO BOX 595
REDMOND, WA 98073-0595
Contact: JANIE CRAIG
Contact address: PO BOX 595
REDMOND, WA 98073-0595
Contact country: US
Contact telephone: (425)882-2922
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JANIE CRAIG
Owner/operator address: PO BOX 595
REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/08/1996
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

DENNIS R CRAIG CONSTRUCTION INC (Continued) **1000316241**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: DENNIS R CRAIG CONSTRUCTION INC
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/07/1993
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005325987

Environmental Interest/Information System
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RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:
Facility Id: 88624391
Latitude: 47.6735600
Longitude: -122.09417
Geographic location identifier (alias facid): 88624391
Facility Name: Dennis R Craig Construction Inc
Latitude Decimal Degrees: 47.673560000000002
Longitude Decimal Degrees: -122.09417999999999

DENNIS R CRAIG CONSTRUCTION INC (Continued) **1000316241**

Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

CSCSL NFA:
Facility/Site Id: 88624391
CS Id: 6815
NFA Type: NFA-VCP Review
NFA Date: 09/05/2007
Rank: Not reported

UST:
Facility ID: 88624391
Site ID: 12707
Lat Deg: 47
Lat Min: 40
Lat Sec: 24.816000000006966
Long Deg: -122
Long Min: 5
Long Sec: 39.047999999979766
UBI: Not reported
Phone Number: 2068822922

Tank ID: 10841
Tank Name: 1
Install Date: 12/31/1964
Capacity: 10,000 to 19,999 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 11/4/2004
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 10/21/2004
Tank Pumping System: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Tank Primary Release Detection: Not reported
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 7/23/2004
Tag Number: Not reported

Tank ID: 10993
Tank Name: 2

DENNIS R CRAIG CONSTRUCTION INC (Continued) **1000316241**

Install Date:	12/31/1964
Capacity:	5,000 to 9,999 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	11/4/2004
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	10/21/2004
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	7/23/2004
Tag Number:	Not reported

VCP:

edr_fstat:	WA
edr_fzip:	98052
edr_fcnty:	KING COUNTY
edr_zip:	Not reported
Facility ID:	88624391
VCP Status:	Not reported
VCP:	Y
Ecology Status:	Not reported
NFA Type:	NFA-VCP Review
Date NFA:	09/05/2007
Rank:	Not reported

14
WNW
1/8-1/4
0.180 mi.
950 ft.

Relative:
Lower

Actual:
43 ft.

GENIE INDUSTRIES
18340 NE 76TH ST
REDMOND, WA 98052

RCRA-LQG **1000248418**
FTTS **WAD980738041**
HIST FTTS
FINDS
ALLSITES
CSCSL NFA
UST
MANIFEST
SPILLS
VCP
AIRS

RCRA-LQG:

Date form received by agency:	02/25/2010
Facility name:	GENIE INDUSTRIES
Facility address:	18340 NE 76TH ST REDMOND, WA 98052
EPA ID:	WAD980738041

GENIE INDUSTRIES (Continued) **1000248418**

Mailing address:	PO BOX 97030 REDMOND, WA 98073
Contact:	RAY BAGNOCHE
Contact address:	PO BOX 97030 REDMOND, WA 98073
Contact country:	US
Contact telephone:	(425) 497-5662
Contact email:	RAY.BAGNOCHE@TEREX.COM
EPA Region:	10
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GENIE INDUSTRIES
Owner/operator address:	PO BOX 97030 REDMOND, 98073
Owner/operator country:	US
Owner/operator telephone:	(425)498-7313
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/03/2003
Owner/Op end date:	Not reported

Owner/operator name:	GENIE INDUSTRIES
Owner/operator address:	18340 NE 76TH ST REDMOND, 98073
Owner/operator country:	US
Owner/operator telephone:	(425)881-1800
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/22/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

GENIE INDUSTRIES (Continued) **1000248418**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/21/2008
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/18/2000
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/13/1998
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 02/03/1994
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 09/01/1993
Facility name: GENIE INDUSTRIES
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

GENIE INDUSTRIES (Continued) **1000248418**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D007
Waste name: CHROMIUM

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: WT02
Waste name: Washington State Dangerous Toxic Waste with a toxic constituents concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation procedure.

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:
Waste code: D001

GENIE INDUSTRIES (Continued) **1000248418**

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 41414.8

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 28761.7

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 8667

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 500.4

Waste code: D011
Waste name: SILVER
Amount (Lbs): 500.4

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 211.8

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 12597.2

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 12047.1

Waste code: F005

GENIE INDUSTRIES (Continued) **1000248418**

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 12122.2

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 08/25/2009
Date achieved compliance: 10/13/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/09/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/25/2009
Date achieved compliance: 10/13/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/09/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 08/25/2009
Date achieved compliance: 10/13/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/09/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006

GENIE INDUSTRIES (Continued) **1000248418**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006
Violation lead agency: State

GENIE INDUSTRIES (Continued) **1000248418**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 07/12/2006
Date achieved compliance: 10/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -630(5)(a) / -200(1)(b)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 09/30/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -630(6) / -200(1)(b)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 09/30/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

GENIE INDUSTRIES (Continued) **1000248418**

Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -573(10)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 09/30/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(c) / -170(2)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 10/01/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(d) / -170(2)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 09/30/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -630(7) / -200(1)(b)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 10/27/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003

GENIE INDUSTRIES (Continued) **1000248418**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -573(13)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 10/14/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(b) / -170(3)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 10/20/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -515(6)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 10/01/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -573(11)
Area of violation: Generators - General
Date violation determined: 09/30/2003
Date achieved compliance: 10/01/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -300(2) / -200(1)(e)
Area of violation: Generators - Records/Reporting
Date violation determined: 09/30/2003
Date achieved compliance: 10/27/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -350(3) / -200(1)(e)
Area of violation: Generators - Records/Reporting
Date violation determined: 09/30/2003
Date achieved compliance: 10/23/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/15/1988
Date achieved compliance: 08/30/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/29/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 08/25/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 10/13/2009
Evaluation lead agency: State

Evaluation date: 08/25/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

GENIE INDUSTRIES (Continued) **1000248418**

Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 10/13/2009
Evaluation lead agency: State

Evaluation date: 08/25/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/13/2009
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 07/12/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 10/30/2006
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/2003
Evaluation lead agency: State

GENIE INDUSTRIES (Continued) **1000248418**

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/20/2003
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 10/27/2003
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 10/23/2003
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/27/2003
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/14/2003
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/30/2003
Evaluation lead agency: State

Evaluation date: 04/15/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/30/1988
Evaluation lead agency: State

FTTS:
Case Number: Not reported
Docket Number: EPCRA-10-00-019
Complaint Issue Date: 06/22/00
Abatement Amount: 0.0000
Proposed Penalty: 23530.0000
Final Assessment: 18000.0000
Final Order Date: 03/14/01
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

FTTS INSP:
Inspection Number: 19990407EX202 1
Region: 10
Inspection Date: 04/07/99

GENIE INDUSTRIES (Continued) **1000248418**

Inspector: DUVALL
Violation occurred: Yes
Investigation Type: EPCRA, Data Quality, SEE Conducted
Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: EPCRA
Facility Function: Manufacturer

HIST FTTS:
Case Number: Not reported
Docket Number: EPCRA-10-00-019
Complaint Issue Date: 06/22/2000
Abatement Amount: 0.0000
Proposed Penalty: 23530.0000
Final Assessment: 18000.0000
Final Order Date: 03/14/2001
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

HIST FTTS INSP:
Inspection Number: 19990407EX202 1
Region: 10
Inspection Date: Not reported
Inspector: DUVALL
Violation occurred: Yes
Investigation Type: EPCRA, Data Quality, SEE Conducted
Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: EPCRA
Facility Function: Manufacturer

FINDS:

Registry ID: 110001917285

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the

GENIE INDUSTRIES (Continued) **1000248418**

Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

ALLSITES:

Facility Id:	75593624
Latitude:	47.6718899
Longitude:	-122.09587
Geographic location identifier (alias facid):	75593624
Facility Name:	Genie Industries
Latitude Decimal Degrees:	47.671889999999998
Longitude Decimal Degrees:	-122.09587999999999
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99

GENIE INDUSTRIES (Continued) **1000248418**

Location Verified Code: N

CSCSL NFA:
Facility/Site Id: 75593624
CS Id: 4733
NFA Type: NFA-VCP Review
NFA Date: 01/21/2004
Rank: Not reported

UST:
Facility ID: 75593624
Site ID: 11376
Lat Deg: 47
Lat Min: 40
Lat Sec: 18.803999999991561
Long Deg: -122
Long Min: 5
Long Sec: 45.167999999978292
UBI: Not reported
Phone Number: 2068811800

Tank ID: 22538
Tank Name: 1
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Exempt
TankSystem Status Change Date: 8/26/1996
Tank Status: Exempt
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Concrete
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Fiberglass
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Tank Primary Release Detection: Not reported
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

WA MANIFEST:
Facility Site ID Number: 75593624
SWC Desc: WT02
FWC Desc: D001-D002-DOO3-D005-D007-D011-D018-D035-F003-F005
Form Comm: Not reported
Data Year: 2009

GENIE INDUSTRIES (Continued) **1000248418**

Permit by Rule:	True
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD980738041
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	333923
BUSINESS TYPE:	Manufacturing
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073-9730
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073-9730
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)498-7313
LEGAL EFFECTIVE DATE:	4/3/2003
LAND ORG NAME:	Evergreen Development
LAND ORG TYPE:	Private
LAND PERSON NAME:	Luke McCarthy
LAND ADDR LINE1:	705 E. Colorado Blvd., Suite 110
LAND CITY,ST,ZIP:	Pasadena, CA 91101
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(626) 796-8700
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9730
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-1800
OPERATOR EFFECTIVE DATE:	7/22/1996
SITE CONTACT NAME:	Ray Bagnoche
SITE CONTACT ADDR LINE1:	PO BOX 97030

GENIE INDUSTRIES (Continued) **1000248418**

SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)497-5662
SITE CONTACT EMAIL:	ray.bagnoche@terex.com
FORM CONTACT NAME:	Ray Bagnoche
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 497-5662
FORM CONTACT EMAIL:	ray.bagnoche@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	75593624
SWC Desc:	WT02
FWC Desc:	D001, D002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No

GENIE INDUSTRIES (Continued) **1000248418**

EPA ID:	WAD980738041
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33321
BUSINESS TYPE:	Manufacturing
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425) 498-7313
LEGAL EFFECTIVE DATE:	4/3/2003
LAND ORG NAME:	Access Investment
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18340 NE 76TH ST
LAND CITY,ST,ZIP:	REDMOND, WA 98073-9730
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)881-1800
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9730
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-1800
OPERATOR EFFECTIVE DATE:	7/22/1996
SITE CONTACT NAME:	James Hanley
SITE CONTACT ADDR LINE1:	18340 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	hanlej@genieind.com
FORM CONTACT NAME:	James Hanley
FORM CONTACT ADDR LINE1:	18340 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7362
FORM CONTACT EMAIL:	hanlej@genieind.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	Yes
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No

GENIE INDUSTRIES (Continued) **1000248418**

USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 75593624
SWC Desc: WT02
FWC Desc: D001, D002, D003
Form Comm: Not reported
Data Year: 2008
Permit by Rule: True
Treatment by Generator: True
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD980738041
Facility Address 2: Not reported
TAX REG NBR: 578077413
NAICS CD: 33312
BUSINESS TYPE: Manufacturing
MAIL NAME: Genie Industries
MAIL ADDR LINE1: PO BOX 97030
MAIL CITY,ST,ZIP: REDMOND, WA 98073-9730
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Genie Industries
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO BOX 97030
LEGAL CITY,ST,ZIP: REDMOND, WA 98073-9730
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (425)498-7313
LEGAL EFFECTIVE DATE: 4/3/2003
LAND ORG NAME: Evergreen Development
LAND ORG TYPE: Private
LAND PERSON NAME: Luke McCarthy
LAND ADDR LINE1: 705 E. Colorado Blvd., Suite 110
LAND CITY,ST,ZIP: Pasadena, CA 91101
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (626) 796-8700
OPERATOR ORG NAME: Genie Industries
OPERATOR ORG TYPE: Private

GENIE INDUSTRIES (Continued) **1000248418**

OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9730
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-1800
OPERATOR EFFECTIVE DATE:	7/22/1996
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	james.hanley@terex.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7362
FORM CONTACT EMAIL:	james.hanley@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	75593624
SWC Desc:	WT02
FWC Desc:	D001, D002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE

GENIE INDUSTRIES (Continued) **1000248418**

Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD980738041
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33321
BUSINESS TYPE:	Manufacturing
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)498-7313
LEGAL EFFECTIVE DATE:	4/3/2003
LAND ORG NAME:	Access Investment
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18340 NE 76TH ST
LAND CITY,ST,ZIP:	REDMOND, WA 98073-9730
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)881-1800
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9730
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-1800
OPERATOR EFFECTIVE DATE:	7/22/1996
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	hanlej@genieind.com
FORM CONTACT NAME:	James Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7362
FORM CONTACT EMAIL:	hanlej@genieind.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	FALSE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE

GENIE INDUSTRIES (Continued) **1000248418**

OTHER EXEMPTION: Not reported
UW BATTERY GEN: FALSE
USED OIL TRANSPORTER: FALSE
USED OIL TRANSFER FACLTY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

Facility Site ID Number: 75593624
SWC Desc: WT02
FWC Desc: D001 D035 F003 F005 D005 D018 D002 D009 D008
Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Treatment by Generator: True
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: True
Universal waste - batteries - accumulate: True
Universal waste - thermostats - accumulate: True
Universal waste - mercury - accumulate: True
Universal waste - lamps - accumulate: True
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD980738041
Facility Address 2: Not reported
TAX REG NBR: 578077413
NAICS CD: 333923
BUSINESS TYPE: Manufacturing
MAIL NAME: Genie Industries
MAIL ADDR LINE1: PO BOX 97030
MAIL CITY,ST,ZIP: REDMOND, WA 98073-9730
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Genie Industries
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO BOX 97030
LEGAL CITY,ST,ZIP: REDMOND, WA 98073-9730
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (425)498-7313
LEGAL EFFECTIVE DATE: 4/3/2003
LAND ORG NAME: Evergreen Development
LAND ORG TYPE: Private

GENIE INDUSTRIES (Continued) **1000248418**

LAND PERSON NAME:	Luke McCarthy
LAND ADDR LINE1:	705 E. Colorado Blvd., Suite 110
LAND CITY,ST,ZIP:	Pasadena, CA 91101
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(626) 796-8700
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9730
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-1800
OPERATOR EFFECTIVE DATE:	7/22/1996
SITE CONTACT NAME:	Ray Bagnoche
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)497-5662
SITE CONTACT EMAIL:	ray.bagnoche@terex.com
FORM CONTACT NAME:	Ray Bagnoche
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 497-5662
FORM CONTACT EMAIL:	ray.bagnoche@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	True
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

SPILLS:

Facility ID:	560952
Medium:	Not reported
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	3/1/2007
Contact Name:	Not reported

Facility ID:	619874
Medium:	SOIL
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	5

GENIE INDUSTRIES (Continued) **1000248418**

Material Units: GALLON
Date Received: 5/14/2010 8:11:00 AM
Contact Name: Not reported

Facility ID: 617112
Medium: SURFACE WATER-FRESH
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: Not reported
Material Units: GALLON
Date Received: 12/17/2009 2:36:00 PM
Contact Name: HANLEY

VCP:
edr_fstat: WA
edr_fzip: 98052
edr_fcnty: KING COUNTY
edr_zip: Not reported
Facility ID: 75593624
VCP Status: Not reported
VCP: Y
Ecology Status: Not reported
NFA Type: NFA-VCP Review
Date NFA: 01/21/2004
Rank: Not reported

AIRS (EMI):
Facility ID: 333120
Ecolgy Fac ID: Not reported
Local ID: Not reported
County Code: Not reported
Facility type: Not reported
Local Air Agency ID: C
Fed County Code: 033
Source Number: 28563
Process ID: 3
Year Of Info: 2006
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Tot Suspended Partclte Emissions Estmn Code: Not reported
PM10 Nonattainment Area: Not reported
% Control Of Sulfur Dioxide Emissions: Not reported
NO2 Chemical: Not reported
% Cntrl Of Volatile Organic Compound Emissions: Not reported
CO Nonattainment Area: Not reported
Univsl Business ID: Not reported
Boilers Design Capacity At A Point: Not reported
% Of Ops Occuring During Qtr Jan-Mar: Not reported
% Of Ops Occuring During Qtr Dec-Feb: Not reported
% Of Ops Occuring During Qtr Apr-Jun: Not reported
% Of Ops Occuring During Qtr Mar-May: Not reported
% Of Ops Occuring During Qtr Jun-Aug: Not reported

GENIE INDUSTRIES (Continued) **1000248418**

% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	40100303
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	15
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	Not reported
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	FALSE
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	FALSE
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility ID:	333120
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	Not reported
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	033
Source Number:	28563

GENIE INDUSTRIES (Continued) **1000248418**

Process ID:	1
Year Of Info:	2006
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported

Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30400499
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	9
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported

UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	Not reported
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	3
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	FUGITIVE EMISSIONS

GENIE INDUSTRIES (Continued) **1000248418**

Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	FALSE
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	FALSE
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility ID:	333120
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	Not reported
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	033
Source Number:	28563
Process ID:	1
Year Of Info:	2006
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	40200110
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	43
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	Not reported
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	FALSE
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	FALSE
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility ID:	Not reported
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	033
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	Not reported
Source Number:	28563
Process ID:	3
Year Of Info:	2008
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	40100303
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	9
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	47.671889999999998 / 122.09587999999999
Whether Source Is An AOP(Title V) Source:	False
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Facility ID:	Not reported
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	033
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	Not reported
Source Number:	28563
Process ID:	1
Year Of Info:	2008
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported

Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30400499
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	8
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported

GENIE INDUSTRIES (Continued) **1000248418**

Point Num:	3
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	FUGITIVE EMISSIONS
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	47.671889999999998 / 122.09587999999999
Whether Source Is An AOP(Title V) Source:	False
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported

Click this hyperlink while viewing on your computer to access
7 additional WA AIR_EMISSIONS: record(s) in the EDR Site Report.

D15 **MK BATTERY REDMOND** **FINDS** **1007068741**
NNW **7730 185TH AVE NE STE 2** **ALLSITES** **N/A**
1/8-1/4 **REDMOND, WA 98052**
0.181 mi.
955 ft. **Site 2 of 4 in cluster D**

Relative:
Lower

Actual:
44 ft.

FINDS:

Registry ID: 110015453418

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

ALLSITES:

Facility Id:	55656375
Latitude:	47.6735306
Longitude:	-122.09663
Geographic location identifier (alias facid):	55656375
Facility Name:	MK BATTERY REDMOND
Latitude Decimal Degrees:	47.673530673199998
Longitude Decimal Degrees:	-122.096630839
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

16 South 1/8-1/4 0.187 mi. 988 ft.

GENIE INDUSTRIES SCISSORS DIV
18700 NE 65TH ST
REDMOND, WA 98052

RCRA-LQG FINDS ALLSITES MANIFEST NPDES

1001204026
WAH000001628

Relative: Higher

Actual: 176 ft.

RCRA-LQG:

Date form received by agency:	02/25/2010
Facility name:	GENIE INDUSTRIES SCISSORS DIV
Facility address:	18700 NE 65TH ST REDMOND, WA 98052
EPA ID:	WAH000001628
Mailing address:	PO BOX 97030 REDMOND, WA 98073
Contact:	BRYAN BOYNTON
Contact address:	PO BOX 97030 REDMOND, WA 98073
Contact country:	US
Contact telephone:	(425) 49-8732
Contact email:	BRYAN.BOYNTON@TEREX.COM
EPA Region:	10
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GENIE INDUSTRIES SCISSORS DIV
Owner/operator address:	PO BOX 97030 REDMOND, 98073
Owner/operator country:	US
Owner/operator telephone:	(425)498-7362
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/30/1997
Owner/Op end date:	Not reported

Owner/operator name:	GENIE INDUSTRIES
Owner/operator address:	18700 NE 65TH ST REDMOND, 98052
Owner/operator country:	US
Owner/operator telephone:	(425)498-7362
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/30/1997
Owner/Op end date:	Not reported

Handler Activities Summary:

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/22/2008
Facility name: GENIE INDUSTRIES SCISSORS DIV
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Facility name: GENIE INDUSTRIES SCISSORS DIV
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Facility name: GENIE INDUSTRIES SCISSORS DIV
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Facility name: GENIE INDUSTRIES SCISSORS DIV
Classification: Large Quantity Generator

Date form received by agency: 02/22/2002
Facility name: GENIE INDUSTRIES SCISSORS DIV
Classification: Large Quantity Generator

Date form received by agency: 02/25/2000
Facility name: GENIE INDUSTRIES SCISSORS DIV
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D010
Waste name: SELENIUM

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: WT02
Waste name: Washington State Dangerous Toxic Waste with a toxic constituents concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation procedure.

Biennial Reports:

Last Biennial Reporting Year: 2011

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	12778.9
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	176296.8
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs):	251
Waste code:	D004
Waste name:	ARSENIC
Amount (Lbs):	254
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	251
Waste code:	D010
Waste name:	SELENIUM
Amount (Lbs):	3
Waste code:	D018
Waste name:	BENZENE
Amount (Lbs):	608
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	11944
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 11108.9

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 11184

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/01/2010
Date achieved compliance: 12/07/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/07/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 12/01/2010
Date achieved compliance: 12/16/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/07/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 12/01/2010
Date achieved compliance: 12/16/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/07/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 12/02/2008
Date achieved compliance: 01/13/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/15/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/02/2008
Date achieved compliance: 01/14/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/15/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/02/2008
Date achieved compliance: 12/30/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/15/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 12/02/2008
Date achieved compliance: 12/30/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/15/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Regulation violated: SR - -630(7)
Area of violation: Generators - General
Date violation determined: 03/01/2005
Date achieved compliance: 03/25/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(d)
Area of violation: Generators - General
Date violation determined: 03/01/2005
Date achieved compliance: 03/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -630(5)(a)
Area of violation: Generators - General
Date violation determined: 03/01/2005
Date achieved compliance: 03/02/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(c)
Area of violation: Generators - General
Date violation determined: 08/02/2000
Date achieved compliance: 09/08/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/09/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(b) / -630(3)

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Area of violation: Generators - General
Date violation determined: 08/02/2000
Date achieved compliance: 09/08/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/09/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -330(1-3)
Area of violation: Generators - General
Date violation determined: 08/02/2000
Date achieved compliance: 09/08/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/09/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(b) / -630(5)(a)
Area of violation: Generators - General
Date violation determined: 08/02/2000
Date achieved compliance: 09/08/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/09/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(e) / -350(2) & (3)
Area of violation: Generators - General
Date violation determined: 08/02/2000
Date achieved compliance: 09/08/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/09/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 12/01/2010

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 12/16/2010
Evaluation lead agency: State

Evaluation date: 12/01/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/07/2010
Evaluation lead agency: State

Evaluation date: 12/01/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 12/16/2010
Evaluation lead agency: State

Evaluation date: 12/02/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/30/2008
Evaluation lead agency: State

Evaluation date: 12/02/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/14/2009
Evaluation lead agency: State

Evaluation date: 12/02/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 01/13/2009
Evaluation lead agency: State

Evaluation date: 12/02/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 12/30/2008
Evaluation lead agency: State

Evaluation date: 03/01/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/25/2005
Evaluation lead agency: State

Evaluation date: 03/01/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/02/2005
Evaluation lead agency: State

Evaluation date: 03/01/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/04/2005

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Evaluation lead agency: State

Evaluation date: 08/02/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/08/2000
Evaluation lead agency: State

FINDS:

Registry ID: 110000498104

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

ALLSITES:

Facility Id:	66365322
Latitude:	47.6634900
Longitude:	-122.09404
Geographic location identifier (alias facid):	66365322
Facility Name:	GENIE INDUSTRIES SCISSORS DIV
Latitude Decimal Degrees:	47.663490000000003
Longitude Decimal Degrees:	-122.09404000000001
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

WA MANIFEST:

Facility Site ID Number:	66365322
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	True
Treatment by Generator:	True
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	True
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	True
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAH000001628
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	333923
BUSINESS TYPE:	Manufacturing

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

MAIL NAME:	Genie Industries Scissors Div
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries Scissors Div
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)498-7362
LEGAL EFFECTIVE DATE:	5/30/1997
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Craig M Johnson
LAND ADDR LINE1:	16327 Maplewild Ave SW
LAND CITY,ST,ZIP:	SEATTLE, WA 98166-3129
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(206)244-3535
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18700 NE 65TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-0000
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)498-7362
OPERATOR EFFECTIVE DATE:	5/30/1997
SITE CONTACT NAME:	Bryan Boynton
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7329
SITE CONTACT EMAIL:	Bryan.Boynton@terex.com
FORM CONTACT NAME:	Bryan Boynton
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)498-7329
FORM CONTACT EMAIL:	Bryan.Boynton@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	True
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	66365322
SWC Desc:	WT02 WP02WT02 - Tox
FWC Desc:	D002 - Corrosive, D001 - IgnitableD002 D001

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	TRUE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAH000001628
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33312
BUSINESS TYPE:	Mnufacturing
MAIL NAME:	Genie Industries Scissors Div
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries Scissors Div
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)498-7362
LEGAL EFFECTIVE DATE:	5/30/1997
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Craig M Johnson
LAND ADDR LINE1:	16327 Maplewild Ave SW
LAND CITY,ST,ZIP:	SEATTLE, WA 98166-3129
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(206)244-3535
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18700 NE 65TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-0000
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)498-7362
OPERATOR EFFECTIVE DATE:	5/30/1997

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	hanlej@genieind.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)498-7362
FORM CONTACT EMAIL:	hanlej@genieind.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	TRUE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	66365322
SWC Desc:	WT02 WP02WT02 - Tox
FWC Desc:	D002 - Corrosive, D001 - IgnitableD002 D001
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	Yes
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAH000001628
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33312
BUSINESS TYPE:	Mnufacturing
MAIL NAME:	Genie Industries Scissors Div
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries Scissors Div
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425498-7313
LEGAL EFFECTIVE DATE:	5/30/1997
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Craig M Johnson
LAND ADDR LINE1:	16327 Maplewild Ave SW
LAND CITY,ST,ZIP:	SEATTLE, WA 98166-3129
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(206)244-3535
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18700 NE 65TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-0000
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)498-7313
OPERATOR EFFECTIVE DATE:	5/30/1997
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	hanlej@genieind.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)498-7362
FORM CONTACT EMAIL:	hanlej@genieind.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	Yes
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	66365322
SWC Desc:	WT02
FWC Desc:	D001-D002
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	True
Treatment by Generator:	True
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAH000001628
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	333923
BUSINESS TYPE:	Manufacturing
MAIL NAME:	Genie Industries Scissors Div
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries Scissors Div
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)498-7362
LEGAL EFFECTIVE DATE:	5/30/1997
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Craig M Johnson
LAND ADDR LINE1:	16327 Maplewild Ave SW
LAND CITY,ST,ZIP:	SEATTLE, WA 98166-3129
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(206)244-3535

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18700 NE 65TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-0000
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)498-7362
OPERATOR EFFECTIVE DATE:	5/30/1997
SITE CONTACT NAME:	Bryan Boynton
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7329
SITE CONTACT EMAIL:	Bryan.Boynton@terex.com
FORM CONTACT NAME:	Bryan Boynton
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)498-7329
FORM CONTACT EMAIL:	Bryan.Boynton@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	66365322
SWC Desc:	WT02
FWC Desc:	D001, D002,
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	True
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	True
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAH000001628
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33312
BUSINESS TYPE:	Manufacturing
MAIL NAME:	Genie Industries Scissors Div
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries Scissors Div
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)498-7362
LEGAL EFFECTIVE DATE:	5/30/1997
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Craig M Johnson
LAND ADDR LINE1:	16327 Maplewild Ave SW
LAND CITY,ST,ZIP:	SEATTLE, WA 98166-3129
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(206)244-3535
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18700 NE 65TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-0000
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)498-7362
OPERATOR EFFECTIVE DATE:	5/30/1997
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073-9730
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	James.Hanley@terex.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)498-7362
FORM CONTACT EMAIL:	James.Hanley@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False

GENIE INDUSTRIES SCISSORS DIV (Continued) **1001204026**

RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headquarters
Latitude:	47.66349
Longitude:	-122.09404
Permit ID:	WAR003593
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Greg Stegman
WRIA:	Cedar-Sammamish
Permit Expiration Date:	01/01/2015
Effective Date:	01/01/2010

17
SW
1/8-1/4
0.188 mi.
994 ft.

BIO RAD LABORATORIES REDMOND
6565 185TH AVENUE NORTHEAST
REDMOND, WA 98052

RCRA-SQG **1000473900**
FINDS **WAD988479663**
ALLSITES
MANIFEST

Relative:
Lower

Actual:
168 ft.

RCRA-SQG:

Date form received by agency:	02/24/2010
Facility name:	BIO RAD LABORATORIES REDMOND
Facility address:	6565 185TH AVE NE REDMOND, WA 98052
EPA ID:	WAD988479663
Contact:	JO SCHNEIDER
Contact address:	6565 185TH AVE NE REDMOND, WA 98052
Contact country:	US
Contact telephone:	(425) 498-1681
Contact email:	JO_SCHNEIDER@BIO-RAD.COM
EPA Region:	10
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Owner/Operator Summary:
Owner/operator name: BIO-RAD LABORATORIES REDMOND
Owner/operator address: 6565 185TH AVE NE
REDMOND, 98052
Owner/operator country: US
Owner/operator telephone: (425)881-8300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/1999
Owner/Op end date: Not reported

Owner/operator name: BIO RAD LABORATORIES
Owner/operator address: 1000 ALFRED NOBEL DR
HERCULES, 94547
Owner/operator country: US
Owner/operator telephone: (510)724-7000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/03/2008
Facility name: BIO RAD LABORATORIES REDMOND
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Facility name: BIO RAD LABORATORIES REDMOND
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Facility name: BIO RAD LABORATORIES REDMOND
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Facility name: BIO RAD LABORATORIES REDMOND
Classification: Large Quantity Generator

Date form received by agency: 03/06/2002

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Facility name: BIO RAD LABORATORIES REDMOND
Classification: Large Quantity Generator

Date form received by agency: 03/07/2000
Facility name: BIO RAD LABORATORIES REDMOND
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: BIO RAD LABORATORIES REDMOND
Site name: GENETIC SYSTEMS CORPORATION - MAIN
Classification: Large Quantity Generator

Date form received by agency: 02/18/1994
Facility name: BIO RAD LABORATORIES REDMOND
Site name: GENETIC SYSTEMS CORPORATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D009
Waste name: MERCURY

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U108
Waste name: 1,4-DIETHYLENEOXIDE

Waste code: U117
Waste name: ETHANE, 1,1'-OXYBIS-(I)

Waste code: U159
Waste name: 2-BUTANONE (I,T)

Waste code: U213
Waste name: FURAN, TETRAHYDRO-(I)

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U236
Waste name: 2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO-4-HYDROXY]-, TETRASODIUM SALT

Waste code: U404
Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

Waste code: WSC2
Waste name: Washington State solid or semisolid corrosive Dangerous Waste with a pH less than or equal to 2, or greater than or equal to 12.5, based upon a specific testing method.

Waste code: WT02
Waste name: Washington State Dangerous Toxic Waste with a toxic constituents concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation procedure.

Facility Has Received Notices of Violations:
Regulation violated: SR - 200(1)(c)(d)
Area of violation: Generators - General
Date violation determined: 01/23/1997
Date achieved compliance: 01/23/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 140
Area of violation: Generators - Manifest
Date violation determined: 01/23/1997
Date achieved compliance: 01/27/1997
Violation lead agency: State

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 630(a)
Area of violation: Generators - General
Date violation determined: 01/23/1997
Date achieved compliance: 01/23/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 12/01/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/04/2005
Evaluation: FACILITY SELF DISCLOSURE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/23/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 01/27/1997
Evaluation lead agency: State

Evaluation date: 01/23/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/23/1997
Evaluation lead agency: State

FINDS:

Registry ID: 110000829211

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:

Facility Id:	98493189
Latitude:	47.6642500
Longitude:	-122.09439
Geographic location identifier (alias facid):	98493189
Facility Name:	Bio Rad Laboratories Redmond
Latitude Decimal Degrees:	47.664250000000003
Longitude Decimal Degrees:	-122.09439999999999
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

WA MANIFEST:

Facility Site ID Number:	98493189
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Note: This is submitted as a component of the Dangerous Waste Annual Report only.
Data Year:	2010
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD988479663
Facility Address 2:	Not reported
TAX REG NBR:	600221188
NAICS CD:	325413
BUSINESS TYPE:	diagnostic test kit mfr.
MAIL NAME:	Bio Rad Laboratories Redmond
MAIL ADDR LINE1:	6565 185TH AVE NE
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5039
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Bio Rad Laboratories
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	1000 Alfred Nobel Dr
LEGAL CITY,ST,ZIP:	HERCULES, CA 94547
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(510)724-7000
LEGAL EFFECTIVE DATE:	10/1/1999
LAND ORG NAME:	Arden Realty, Inc.
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	10675 Willows Road NE Ste 150
LAND CITY,ST,ZIP:	Redmond, WA 98052
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)558-2245
OPERATOR ORG NAME:	Bio-Rad Laboratories Redmond
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6565 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5039
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425) 881-8300
OPERATOR EFFECTIVE DATE:	10/1/1999
SITE CONTACT NAME:	Jo Schneider
SITE CONTACT ADDR LINE1:	6565 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052-5039
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-1681
SITE CONTACT EMAIL:	jo_schneider@bio-rad.com
FORM CONTACT NAME:	Christopher R Harner
FORM CONTACT ADDR LINE1:	6565 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5039
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-1680
FORM CONTACT EMAIL:	christopher_harner@bio-rad.com
GEN STATUS CD:	MQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	98493189
SWC Desc:	WT02, WSC2
FWC Desc:	D001, D002, D003, D009, F002,
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD988479663
Facility Address 2:	Not reported
TAX REG NBR:	600221188
NAICS CD:	325413
BUSINESS TYPE:	mfr. diagnostic test kits
MAIL NAME:	Bio Rad Laboratories Redmond
MAIL ADDR LINE1:	6565 185TH AVE NE
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5039
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Bio Rad Laboratories
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	1000 Alfred Nobel Dr
LEGAL CITY,ST,ZIP:	HERCULES, CA 94547
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(510)724-7000
LEGAL EFFECTIVE DATE:	10/1/1999
LAND ORG NAME:	Arden Realty, Inc.

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	10675 Willows Road NE Ste 150
LAND CITY,ST,ZIP:	Redmond, WA 98052
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)558-2245
OPERATOR ORG NAME:	Bio-Rad Laboratories Redmond
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6565 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5039
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-8300
OPERATOR EFFECTIVE DATE:	10/1/1999
SITE CONTACT NAME:	Jo Schneider
SITE CONTACT ADDR LINE1:	6565 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052-5039
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425498-1681
SITE CONTACT EMAIL:	jo_schneider@bio-rad.com
FORM CONTACT NAME:	Christopher R Harner
FORM CONTACT ADDR LINE1:	6565 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5039
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425498-1680
FORM CONTACT EMAIL:	christopher_harner@bio-rad.com
GEN STATUS CD:	MQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	98493189
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD988479663
Facility Address 2:	Not reported
TAX REG NBR:	600221188
NAICS CD:	325413
BUSINESS TYPE:	mfr. diagnostic test kits
MAIL NAME:	Bio Rad Laboratories Redmond
MAIL ADDR LINE1:	6565 185TH AVE NE
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5039
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Bio Rad Laboratories
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	1000 Alfred Nobel Dr
LEGAL CITY,ST,ZIP:	HERCULES, CA 94547
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(510)724-7000
LEGAL EFFECTIVE DATE:	10/1/1999
LAND ORG NAME:	CARR America Redmond
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 277918
LAND CITY,ST,ZIP:	ATLANTA, GA 30384
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(202)624-1770
OPERATOR ORG NAME:	Bio-Rad Laboratories Redmond
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6565 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5039
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-8300
OPERATOR EFFECTIVE DATE:	11/12/1996
SITE CONTACT NAME:	Jo Schneider
SITE CONTACT ADDR LINE1:	6565 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052-5039
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425498-1681
SITE CONTACT EMAIL:	jo_schneider@bio-rad.com
FORM CONTACT NAME:	Christopher R Harner
FORM CONTACT ADDR LINE1:	6565 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5039
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425498-1680
FORM CONTACT EMAIL:	christopher_harner@bio-rad.com

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

GEN STATUS CD:	LQG
MONTHLY GENERATION:	TRUE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	98493189
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD988479663
Facility Address 2:	Not reported
TAX REG NBR:	600221188
NAICS CD:	325413
BUSINESS TYPE:	mfr. diagnostic test kits
MAIL NAME:	Bio Rad Laboratories Redmond
MAIL ADDR LINE1:	6565 185TH AVE NE
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5039
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Bio Rad Laboratories

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	1000 Alfred Nobel Dr
LEGAL CITY,ST,ZIP:	HERCULES, CA 94547
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(510)724-7000
LEGAL EFFECTIVE DATE:	10/1/1999
LAND ORG NAME:	CARR America Redmond
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 277918
LAND CITY,ST,ZIP:	ATLANTA, GA 30384
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(202)624-1770
OPERATOR ORG NAME:	Bio-Rad Laboratories Redmond
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6565 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5039
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-8300
OPERATOR EFFECTIVE DATE:	11/12/1996
SITE CONTACT NAME:	Jo Schneider
SITE CONTACT ADDR LINE1:	6565 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052-5039
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425498-1681
SITE CONTACT EMAIL:	jo_schneider@bio-rad.com
FORM CONTACT NAME:	Christopher R Harner
FORM CONTACT ADDR LINE1:	6565 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5039
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425498-1680
FORM CONTACT EMAIL:	christopher_harner@bio-rad.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	Yes
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	98493189
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD988479663
Facility Address 2:	Not reported
TAX REG NBR:	600221188
NAICS CD:	325413
BUSINESS TYPE:	mfr. diagnostic test kits
MAIL NAME:	Bio Rad Laboratories Redmond
MAIL ADDR LINE1:	6565 185TH AVE NE
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5039
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Bio Rad Laboratories
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	1000 Alfred Nobel Dr
LEGAL CITY,ST,ZIP:	HERCULES, CA 94547
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(510)724-7000
LEGAL EFFECTIVE DATE:	10/1/1999
LAND ORG NAME:	CARR America Redmond
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 277918
LAND CITY,ST,ZIP:	ATLANTA, GA 30384
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(202)624-1770
OPERATOR ORG NAME:	Bio-Rad Laboratories Redmond
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	6565 185TH AVE NE
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5039
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)881-8300
OPERATOR EFFECTIVE DATE:	10/1/1999
SITE CONTACT NAME:	Jo Schneider
SITE CONTACT ADDR LINE1:	6565 185TH AVE NE
SITE CONTACT ZIP:	REDMOND, WA 98052-5039
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425498-1681

BIO RAD LABORATORIES REDMOND (Continued) **1000473900**

SITE CONTACT EMAIL:	jo_schneider@bio-rad.com
FORM CONTACT NAME:	Christopher R Harner
FORM CONTACT ADDR LINE1:	6565 185TH AVE NE
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5039
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425498-1680
FORM CONTACT EMAIL:	christopher_harner@bio-rad.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

D18 **MUTUAL MATERIALS CO REDMOND BRANCH** **FINDS** **1007069262**
NNW **7760 185TH AVE NE** **ALLSITES** **N/A**
1/8-1/4 **REDMOND, WA 98052**
0.196 mi.
1036 ft. **Site 3 of 4 in cluster D**

Relative:
Lower

Actual:
44 ft.

FINDS:

Registry ID: 110015458636

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

ALLSITES:

Facility Id:	52945652
Latitude:	47.6735306
Longitude:	-122.09663
Geographic location identifier (alias facid):	52945652
Facility Name:	MUTUAL MATERIALS CO REDMOND BRANCH
Latitude Decimal Degrees:	47.673530673199998
Longitude Decimal Degrees:	-122.096630839
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99

MUTUAL MATERIALS CO REDMOND BRANCH (Continued) **1007069262**

Location Verified Code: N

D19 **MIRMAR CONSTRUCTION CO INC** **ALLSITES** **U001124350**
NNW **7760 NE 185TH** **UST** **N/A**
1/8-1/4 **REDMOND, WA 98052**
0.197 mi.
1041 ft. **Site 4 of 4 in cluster D**

Relative:
Lower

Actual:
44 ft.

ALLSITES:

Facility Id:	74644746
Latitude:	47.6626550
Longitude:	-122.09556
Geographic location identifier (alias facid):	74644746
Facility Name:	MIRMAR CONSTRUCTION CO INC
Latitude Decimal Degrees:	47.662655000000001
Longitude Decimal Degrees:	-122.09556600000001
Coordinate Point Areal Extent Code:	4
Horizontal Accuracy Code:	7
Coordinate Point Geographic Position Code:	5
Location Verified Code:	N

UST:

Facility ID:	74644746
Site ID:	6100
Lat Deg:	47
Lat Min:	39
Lat Sec:	45.558000000003176
Long Deg:	-122
Long Min:	5
Long Sec:	44.037600000018529
UBI:	Not reported
Phone Number:	2068812990
Tank ID:	41283
Tank Name:	#1
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Closed in Place
TankSystem Status Change Date:	8/26/1996
Tank Status:	Closed in Place
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

MIRMAR CONSTRUCTION CO INC (Continued) **U001124350**

Tank Primary Release Detection: Not reported
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

20
WNW
1/8-1/4
0.247 mi.
1304 ft.

IDD AEROSPACE CORP
18225 NE 76TH ST
REDMOND, WA 98052

RCRA-LQG **1000274392**
FINDS **WAD097820732**
ALLSITES
MANIFEST

Relative:
Lower

Actual:
48 ft.

RCRA-LQG:
Date form received by agency: 02/26/2010
Facility name: IDD AEROSPACE CORP
Facility address: 18225 NE 76TH ST
REDMOND, WA 98052
EPA ID: WAD097820732
Contact: BOB HINKLE
Contact address: 18225 NE 76TH ST
REDMOND, WA 98052
Contact country: US
Contact telephone: (425) 885-4353
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: IDD AEROSPACE CORP
Owner/operator address: 18225 NE 76TH ST
REDMOND, 98052
Owner/operator country: US
Owner/operator telephone: (425)885-4353
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/03/1996
Owner/Op end date: Not reported

Owner/operator name: ZODIAC
Owner/operator address: 2 RUE MAURICE MALLET
ISSY LES MOULINEAUX, 92137
Owner/operator country: FR
Owner/operator telephone: 33-1-41-23-23-2
Legal status: Private

IDD AEROSPACE CORP (Continued) **1000274392**

Owner/Operator Type: Owner
Owner/Op start date: 04/15/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Historical Generators:
Date form received by agency: 01/11/2008
Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 02/22/2002
Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 03/01/2000
Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 02/23/1998

IDD AEROSPACE CORP (Continued) **1000274392**

Facility name: IDD AEROSPACE CORP
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: IDD AEROSPACE CORP
Site name: IDD AEROSPACE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Facility name: IDD AEROSPACE CORP
Site name: BELL IND. ILLUMINATED DISPLAYS
Classification: Large Quantity Generator

Date form received by agency: 09/01/1993
Facility name: IDD AEROSPACE CORP
Site name: BELL INDUSTRIES ILLUMINATED DI
Classification: Large Quantity Generator

Date form received by agency: 12/31/1990
Facility name: IDD AEROSPACE CORP
Site name: BELL IND ILLUMINATED DISPLAYS
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

IDD AEROSPACE CORP (Continued) **1000274392**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P003
Waste name: ACROLEIN

Waste code: WT02
Waste name: Washington State Dangerous Toxic Waste with a toxic constituents concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation procedure.

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 10587

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 2837

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 8400

Waste code: D006
Waste name: CADMIUM

IDD AEROSPACE CORP (Continued) **1000274392**

Amount (Lbs): 8400

Waste code: D011
Waste name: SILVER
Amount (Lbs): 887

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 8400

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 9700

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 9700

Waste code: P003
Waste name: ACROLEIN
Amount (Lbs): 887

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/29/2009
Date achieved compliance: 11/24/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 09/29/2009
Date achieved compliance: 11/24/2009

IDD AEROSPACE CORP (Continued) **1000274392**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 09/29/2009
Date achieved compliance: 11/24/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 09/29/2009
Date achieved compliance: 11/24/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 09/29/2009
Date achieved compliance: 11/24/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/29/2009
Date achieved compliance: 11/24/2009
Violation lead agency: State

IDD AEROSPACE CORP (Continued) **1000274392**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/09/2006
Date achieved compliance: 05/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/09/2006
Date achieved compliance: 06/16/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 05/09/2006
Date achieved compliance: 06/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 05/09/2006
Date achieved compliance: 06/08/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

IDD AEROSPACE CORP (Continued) **1000274392**

Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/09/2006
Date achieved compliance: 05/09/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 05/09/2006
Date achieved compliance: 08/07/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 05/09/2006
Date achieved compliance: 07/03/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 05/09/2006
Date achieved compliance: 08/06/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006

IDD AEROSPACE CORP (Continued) **1000274392**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 05/09/2006
Date achieved compliance: 06/08/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 05/09/2006
Date achieved compliance: 06/16/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 05/09/2006
Date achieved compliance: 06/30/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -210(1)
Area of violation: Generators - General
Date violation determined: 01/31/2003
Date achieved compliance: 08/22/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/2003
Enf. disposition status: Not reported

IDD AEROSPACE CORP (Continued) **1000274392**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -070(3)
Area of violation: Generators - General
Date violation determined: 01/31/2003
Date achieved compliance: 08/22/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(d)
Area of violation: Generators - General
Date violation determined: 01/31/2003
Date achieved compliance: 06/02/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -330(2)
Area of violation: Generators - General
Date violation determined: 01/31/2003
Date achieved compliance: 08/22/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 200
Area of violation: Generators - General
Date violation determined: 09/23/1999
Date achieved compliance: 09/23/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

IDD AEROSPACE CORP (Continued) **1000274392**

Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 330
Area of violation: Generators - General
Date violation determined: 09/23/1999
Date achieved compliance: 02/09/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 070
Area of violation: Generators - General
Date violation determined: 09/23/1999
Date achieved compliance: 12/07/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/23/1983
Date achieved compliance: 12/14/1983
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/23/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 09/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 11/24/2009
Evaluation lead agency: State

Evaluation date: 09/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention

IDD AEROSPACE CORP (Continued) **1000274392**

Date achieved compliance: 11/24/2009
Evaluation lead agency: State

Evaluation date: 09/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 11/24/2009
Evaluation lead agency: State

Evaluation date: 09/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/24/2009
Evaluation lead agency: State

Evaluation date: 09/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 11/24/2009
Evaluation lead agency: State

Evaluation date: 09/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 11/24/2009
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/30/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 06/08/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/16/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 07/03/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 06/30/2006
Evaluation lead agency: State

IDD AEROSPACE CORP (Continued) **1000274392**

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 06/30/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/09/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 06/16/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/07/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 06/08/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/06/2006
Evaluation lead agency: State

Evaluation date: 01/31/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/22/2003
Evaluation lead agency: State

Evaluation date: 01/31/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/02/2003
Evaluation lead agency: State

Evaluation date: 09/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/07/1999
Evaluation lead agency: State

Evaluation date: 09/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

IDD AEROSPACE CORP (Continued) **1000274392**

Date achieved compliance: 09/23/1999
Evaluation lead agency: State

Evaluation date: 09/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/09/2000
Evaluation lead agency: State

Evaluation date: 06/23/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/14/1983
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

FINDS:

Registry ID: 110000843339

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:

Facility Id: 53531331
Latitude: 47.6718499
Longitude: -122.09728
Geographic location identifier (alias facid): 53531331
Facility Name: IDD Aerospace Corp
Latitude Decimal Degrees: 47.671849999999999
Longitude Decimal Degrees: -122.09728
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

IDD AEROSPACE CORP (Continued) **1000274392**

WA MANIFEST:

Facility Site ID Number:	53531331
SWC Desc:	WT02 WL02WT02
FWC Desc:	D001, D002, F003, F005F005 F003 D001 D035 D018
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	True
Universal waste - batteries - accumulate:	True
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	True
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD097820732
Facility Address 2:	Not reported
TAX REG NBR:	601660375
NAICS CD:	33641
BUSINESS TYPE:	Not reported
MAIL NAME:	IDD Aerospace Corp
MAIL ADDR LINE1:	18225 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5021
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Zodiac
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2 RUE MAURICE MALLET
LEGAL CITY,ST,ZIP:	ISSY LES MOULINEAUX 92137
LEGAL COUNTRY:	FRANCE
LEGAL PHONE NBR:	33-1-41-23-23-23
LEGAL EFFECTIVE DATE:	4/15/2003
LAND ORG NAME:	IDD Aerospace Corporation
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18225 NE 76TH ST
LAND CITY,ST,ZIP:	Redmond, WA 98052-5021
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-4353
OPERATOR ORG NAME:	IDD Aerospace Corp
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18225 NE 76TH ST

IDD AEROSPACE CORP (Continued) **1000274392**

OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5021
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-4353
OPERATOR EFFECTIVE DATE:	10/03/96
SITE CONTACT NAME:	Bob Hinkle
SITE CONTACT ADDR LINE1:	18225 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5021
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-4353
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Bob Hinkle
FORM CONTACT ADDR LINE1:	18225 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5021
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-4353
FORM CONTACT EMAIL:	bhinkle@idd.zodiac.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	True
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	True
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	53531331
SWC Desc:	WT02
FWC Desc:	D001, D005, D006, D018, D035, F003, F005. D039
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	True
Universal waste - batteries - accumulate:	True
Universal waste - thermostats - accumulate:	False

IDD AEROSPACE CORP (Continued) **1000274392**

Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	True
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD097820732
Facility Address 2:	Not reported
TAX REG NBR:	601660375
NAICS CD:	334511
BUSINESS TYPE:	Not reported
MAIL NAME:	IDD Aerospace Corp
MAIL ADDR LINE1:	18225 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5021
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Zodiac
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2 RUE MAURICE MALLET
LEGAL CITY,ST,ZIP:	ISSY LES MOULINEAUX 92137
LEGAL COUNTRY:	FRANCE
LEGAL PHONE NBR:	33-1-41-23-23-23
LEGAL EFFECTIVE DATE:	4/15/2003
LAND ORG NAME:	IDD Aerospace Corporation
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18225 NE 76TH ST
LAND CITY,ST,ZIP:	Redmond, WA 98052-5021
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-4353
OPERATOR ORG NAME:	IDD Aerospace Corp
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18225 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5021
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-4353
OPERATOR EFFECTIVE DATE:	10/3/1996
SITE CONTACT NAME:	Bob Hinkle
SITE CONTACT ADDR LINE1:	18225 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5021
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-4353
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Bob Hinkle
FORM CONTACT ADDR LINE1:	18225 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5021
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-4353
FORM CONTACT EMAIL:	bhinkle@idd.zodiac.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	True
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported

IDD AEROSPACE CORP (Continued) **1000274392**

UW BATTERY GEN:	True
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	53531331
SWC Desc:	WT02 WL02WT02
FWC Desc:	D001, D002, F003, F005F005 F003 D001 D035 D018
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	TRUE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	TRUE
Universal waste - lamps - accumulate:	TRUE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD097820732
Facility Address 2:	Not reported
TAX REG NBR:	601660375
NAICS CD:	33641
BUSINESS TYPE:	Not reported
MAIL NAME:	IDD Aerospace Corp
MAIL ADDR LINE1:	18225 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5021
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Zodiac
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2 RUE MAURICE MALLET
LEGAL CITY,ST,ZIP:	ISSY LES MOULINEAUX 92137
LEGAL COUNTRY:	FRANCE
LEGAL PHONE NBR:	33-1-41-23-23-23
LEGAL EFFECTIVE DATE:	4/15/2003
LAND ORG NAME:	IDD Aerospace Corporation
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported

IDD AEROSPACE CORP (Continued) **1000274392**

LAND ADDR LINE1:	18225 NE 76TH ST
LAND CITY,ST,ZIP:	Redmond, WA 98052-5021
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-4353
OPERATOR ORG NAME:	IDD Aerospace Corp
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18225 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5021
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-4353
OPERATOR EFFECTIVE DATE:	10/3/1996
SITE CONTACT NAME:	Bob Hinkle
SITE CONTACT ADDR LINE1:	18225 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5021
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-4353
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Bob Hinkle
FORM CONTACT ADDR LINE1:	18225 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5021
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-4353
FORM CONTACT EMAIL:	bhinkle@idd.zodiac.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	TRUE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	53531331
SWC Desc:	WT02
FWC Desc:	D001, D002, F005, F003, D035, D006, D018
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False

IDD AEROSPACE CORP (Continued) **1000274392**

Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	True
Universal waste - batteries - accumulate:	True
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	True
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD097820732
Facility Address 2:	Not reported
TAX REG NBR:	601660375
NAICS CD:	334511
BUSINESS TYPE:	Not reported
MAIL NAME:	IDD Aerospace Corp
MAIL ADDR LINE1:	18225 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5021
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Zodiac
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2 RUE MAURICE MALLET
LEGAL CITY,ST,ZIP:	ISSY LES MOULINEAUX 92137
LEGAL COUNTRY:	FRANCE
LEGAL PHONE NBR:	33-1-41-23-23-23
LEGAL EFFECTIVE DATE:	4/15/2003
LAND ORG NAME:	IDD Aerospace Corporation
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18225 NE 76TH ST
LAND CITY,ST,ZIP:	Redmond, WA 98052-5021
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-4353
OPERATOR ORG NAME:	IDD Aerospace Corp
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18225 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5021
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-4353
OPERATOR EFFECTIVE DATE:	10/3/1996
SITE CONTACT NAME:	Bob Hinkle
SITE CONTACT ADDR LINE1:	18225 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5021
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-4353
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Bob Hinkle
FORM CONTACT ADDR LINE1:	18225 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5021
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-4353
FORM CONTACT EMAIL:	bhinkle@idd.zodiac.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True

IDD AEROSPACE CORP (Continued) **1000274392**

BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	True
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	53531331
SWC Desc:	WT02 WL02WT02
FWC Desc:	D001, D002, F003, F005F005 F003 D001 D035 D018
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD097820732
Facility Address 2:	Not reported
TAX REG NBR:	601660375
NAICS CD:	33641
BUSINESS TYPE:	Not reported
MAIL NAME:	IDD Aerospace Corp
MAIL ADDR LINE1:	18225 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5021
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Zodiac
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2 RUE MAURICE MALLET

IDD AEROSPACE CORP (Continued) **1000274392**

LEGAL CITY,ST,ZIP:	ISSY LES MOULINEAUX 92137
LEGAL COUNTRY:	FRANCE
LEGAL PHONE NBR:	33-1-41-23-23-23
LEGAL EFFECTIVE DATE:	4/15/2003
LAND ORG NAME:	IDD Aerospace Corporation
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18225 NE 76TH ST
LAND CITY,ST,ZIP:	Redmond, WA 98052-5021
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-4353
OPERATOR ORG NAME:	IDD Aerospace Corp
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18225 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5021
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-4353
OPERATOR EFFECTIVE DATE:	10/3/1996
SITE CONTACT NAME:	Bob Hinkle
SITE CONTACT ADDR LINE1:	18225 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5021
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-4353
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Bob Hinkle
FORM CONTACT ADDR LINE1:	18225 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5021
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-4353
FORM CONTACT EMAIL:	bhinkle@idd.zodiac.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	Yes
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

E21
West
1/4-1/2
0.257 mi.
1357 ft.

EDMOND SCIENCE CTR 2562B01
18120 NE 68TH ST
REDMOND, WA 98053

Site 1 of 3 in cluster E

ALLSITES **U000712910**
UST **N/A**

Relative:
Lower

Actual:
65 ft.

ALLSITES:

Facility Id:	89334368	
Latitude:	47.666266	
Longitude:	-122.06856	
Geographic location identifier (alias facid):		89334368
Facility Name:		EDMOND SCIENCE CTR 2562B01
Latitude Decimal Degrees:		47.666266
Longitude Decimal Degrees:		-122.068566
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		7
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	89334368
Site ID:	101562
Lat Deg:	47
Lat Min:	39
Lat Sec:	58.557600000000889
Long Deg:	-122
Long Min:	4
Long Sec:	6.8376000000148451
UBI:	3130134200010089
Phone Number:	9166863499
Tank ID:	34313
Tank Name:	2562-B01-1
Install Date:	6/1/1991
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/29/1998
TankSystem Status:	Operational
TankSystem Status Change Date:	8/26/1996
Tank Status:	Operational
Tank Permit Expiration Date:	3/31/2012
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Pump Check Valve
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Pipe Material:	Coated Steel
Pipe Construction:	Secondary Containment
Pipe Primary Release Detection:	Suction
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Interstitial Monitoring
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A0292

22
SW
1/4-1/2
0.259 mi.
1369 ft.

DATA I O
6464 185TH AVE NE STE 101
REDMOND, WA 98052

ALLSITES **S111289124**
N/A

Relative:
Lower

Actual:
169 ft.

ALLSITES:
Facility Id: 16348
Latitude: 47.663311
Longitude: -122.09305

E23
West
1/4-1/2
0.286 mi.
1510 ft.

B & B HEATING & AIR CONDITIONING
18103 NE 68TH ST BLDG C 100
REDMOND, WA 98052
Site 2 of 3 in cluster E

RCRA-CESQG **1000839167**
FINDS **WAD988520094**
ALLSITES

Relative:
Lower

Actual:
62 ft.

RCRA-CESQG:
Date form received by agency: 08/15/1996
Facility name: B & B HEATING & AIR CONDITIONING
Facility address: 18103 NE 68TH ST BLDG C 100
REDMOND, WA 98052
EPA ID: WAD988520094
Mailing address: 18103 NE 68TH ST BLDG C100
REDMOND, WA 98052-5049
Contact: DON CRAIG
Contact address: 18103 NE 68TH ST BLDG C100
REDMOND, WA 98052-5049
Contact country: US
Contact telephone: (425)881-7920
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: DON CRAIG
Owner/operator address: 18103 NE 68TH ST BLDG C100
REDMOND, WA 98052
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/15/1996
Owner/Op end date: Not reported

B & B HEATING & AIR CONDITIONING (Continued) **1000839167**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/29/1996
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005385751

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:
Facility Id: 24177725
Latitude: 47.66639
Longitude: -122.09905
Geographic location identifier (alias facid): 24177725
Facility Name: B & B Heating & Air Conditioning
Latitude Decimal Degrees: 47.66639
Longitude Decimal Degrees: -122.09905999999999
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99

B & B HEATING & AIR CONDITIONING (Continued) **1000839167**

Coordinate Point Geographic Position Code: 99
Location Verified Code: N

E24 **LAMSON DIVISION OF SAGE MFG CORP** **RCRA-NonGen** **1001491376**
West **18080 NE 68TH ST BLDG C** **FINDS** **WA0000181909**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.296 mi.
1564 ft. **Site 3 of 3 in cluster E**

Relative:
Lower

Actual:
61 ft.

RCRA-NonGen:
Date form received by agency: 09/30/1998
Facility name: LAMSON DIVISION OF SAGE MFG CORP
Facility address: 18080 NE 68TH ST BLDG C
REDMOND, WA 980526730
EPA ID: WA0000181909
Mailing address: PO BOX 469
REDMOND, WA 98073-0469
Contact: JOHN HARDER
Contact address: PO BOX 469
REDMOND, WA 98073-0469
Contact country: US
Contact telephone: (425)881-0733
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: J LAMSON DIV OF SAGE MFG CORP
Owner/operator address: PO BOX 469
REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/06/1996
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

LAMSON DIVISION OF SAGE MFG CORP (Continued) **1001491376**

FINDS:

Registry ID: 110005303858

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	62822187
Latitude:	47.6664099
Longitude:	-122.09929
Geographic location identifier (alias facid):	62822187
Facility Name:	Lamson Division of Sage Mfg Corp
Latitude Decimal Degrees:	47.666409999999999
Longitude Decimal Degrees:	-122.09929
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

F25 **FRITO LAY INC REDMOND** **RCRA-NonGen** **1000415416**
WNW **18128 NE 76TH BLDG 4** **FINDS** **WAD981760465**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.307 mi.
1623 ft. **Site 1 of 7 in cluster F**

Relative:
Lower

Actual:
51 ft.

RCRA-NonGen:

Date form received by agency:	10/03/1986
Facility name:	FRITO LAY INC REDMOND
Facility address:	18128 NE 76TH BLDG 4 REDMOND, WA 98052
EPA ID:	WAD981760465
Mailing address:	17250 NE 67TH CT REDMOND, WA 98052-4952
Contact:	CHUCK LUMSDEN
Contact address:	17250 NE 67TH CT REDMOND, WA 98052-4952
Contact country:	US
Contact telephone:	(425)881-5945
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FRITO LAY INC
Owner/operator address:	17250 NE 67TH CT REDMOND, WA 98052
Owner/operator country:	US

FRITO LAY INC REDMOND (Continued) **1000415416**

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/03/1986
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005340032

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:
Facility Id: 95159933
Latitude: 47.6722400
Longitude: -122.1434
Geographic location identifier (alias facid): 95159933
Facility Name: Frito Lay Inc Redmond
Latitude Decimal Degrees: 47.672240000000002
Longitude Decimal Degrees: -122.1434
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

F26 **SAJASA CONSTRUCTION INC** **RCRA-NonGen** **1000696958**
WNW **18124 NE 76TH ST** **FINDS** **WAD988506226**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.310 mi. **UST**
1636 ft. **Site 2 of 7 in cluster F**

Relative:
Lower

Actual:
51 ft.

RCRA-NonGen:

Date form received by agency:	06/09/1997
Facility name:	SAJASA CONSTRUCTION
Facility address:	18124 NE 76TH ST REDMOND, WA 98052
EPA ID:	WAD988506226
Mailing address:	PO BOX 1488 WOODINVILLE, WA 98072-1488
Contact:	RUSS PAULSON
Contact address:	PO BOX 1488 WOODINVILLE, WA 98072-1488
Contact country:	US
Contact telephone:	(425)487-0808
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SAJASA CONSTRUCTION
Owner/operator address:	PO BOX 1488 WOODINVILLE, WA 98072
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/20/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005375325

Environmental Interest/Information System

SAJASA CONSTRUCTION INC (Continued) **1000696958**

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	78826816
Latitude:	47.671661
Longitude:	-122.09995
Geographic location identifier (alias facid):	78826816
Facility Name:	SAJASA CONSTRUCTION INC
Latitude Decimal Degrees:	47.671661
Longitude Decimal Degrees:	-122.099953
Coordinate Point Areal Extent Code:	4
Horizontal Accuracy Code:	6
Coordinate Point Geographic Position Code:	5
Location Verified Code:	N

UST:

Facility ID:	78826816
Site ID:	3212
Lat Deg:	47
Lat Min:	40
Lat Sec:	17.979600000001028
Long Deg:	-122
Long Min:	5
Long Sec:	59.830799999997453
UBI:	Not reported
Phone Number:	2068815885
Tank ID:	17202
Tank Name:	2
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank

SAJASA CONSTRUCTION INC (Continued) **1000696958**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	17509
Tank Name:	1
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

F27 **SAJASA CONSTRUCTION** **ALLSITES** **S109554781**
WNW **18124 NE 76TH ST** **N/A**
1/4-1/2 **REDMOND, WA 98052**
0.310 mi.
1636 ft. **Site 3 of 7 in cluster F**

Relative:
Lower

Actual:
51 ft.

ALLSITES:

Facility Id:	39434678	
Latitude:	47.6718600	
Longitude:	-122.09851	
Geographic location identifier (alias facid):		39434678
Facility Name:		Sajasa Construction
Latitude Decimal Degrees:		47.671860000000002
Longitude Decimal Degrees:		-122.09851
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99

SAJASA CONSTRUCTION (Continued) **S109554781**

Coordinate Point Geographic Position Code: 99
Location Verified Code: N

F28 **WEYERCO LEASING INC SHOP FACILITY** **RCRA-CESQG** **1001490196**
WNW **18122 NE 76TH** **FINDS** **WAD002836013**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.311 mi.
1643 ft. **Site 4 of 7 in cluster F**

Relative:
Lower

Actual:
51 ft.

RCRA-CESQG:
Date form received by agency: 09/15/1997
Facility name: WEYERCO LEASING INC SHOP FACILITY
Facility address: 18122 NE 76TH
REDMOND, WA 98052
EPA ID: WAD002836013
Mailing address: 15625 NE 85TH ST
REDMOND, WA 98502
Contact: JEAN RICC
Contact address: 15625 NE 85TH ST
REDMOND, WA 98502
Contact country: US
Contact telephone: (425)556-2715
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: CITY OF REDMOND
Owner/operator address: 15625 NE 85TH ST
REDMOND, WA 98502
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/15/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

WEYERCO LEASING INC SHOP FACILITY (Continued) **1001490196**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005312036

Environmental Interest/Information System

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RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id: 28129938
Latitude: 47.6718600
Longitude: -122.09853
Geographic location identifier (alias facid): 28129938
Facility Name: Weyerco Leasing Inc Shop Facility
Latitude Decimal Degrees: 47.671860000000002
Longitude Decimal Degrees: -122.09853
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

F29
WNW
1/4-1/2
0.312 mi.
1649 ft.

REDMOND CITY UST 8985
18120 NE 76TH ST
REDMOND, WA 98052

Site 5 of 7 in cluster F

ALLSITES
UST

EDR ID Number: U003026472
EPA ID Number: N/A

Relative:
Lower

Actual:
51 ft.

ALLSITES:

Facility Id:	66126363	
Latitude:	47.671661	
Longitude:	-122.10015	
Geographic location identifier (alias facid):		66126363
Facility Name:		REDMOND CITY UST 8985
Latitude Decimal Degrees:		47.671661
Longitude Decimal Degrees:		-122.10015300000001
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	66126363
Site ID:	8985
Lat Deg:	47
Lat Min:	40
Lat Sec:	17.979600000001028
Long Deg:	-122
Long Min:	6
Long Sec:	0.55080000002135421
UBI:	1760000160010006
Phone Number:	4255562849
Tank ID:	437727
Tank Name:	9
Install Date:	7/31/1997
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	7/31/1997
TankSystem Status:	Operational
TankSystem Status Change Date:	1/1/0001
Tank Status:	Operational
Tank Permit Expiration Date:	6/30/2011
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Every 5 Years
Tank Corrosion Protection:	Corrosion Resistant
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Interstitial Monitoring (sump sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	12/10/1999
Tag Number:	A3896

REDMOND CITY UST 8985 (Continued) **U003026472**

Tank ID:	437728
Tank Name:	8
Install Date:	7/31/1997
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	7/31/1997
TankSystem Status:	Operational
TankSystem Status Change Date:	1/1/0001
Tank Status:	Operational
Tank Permit Expiration Date:	6/30/2011
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not Applicable
Tank Corrosion Protection:	Corrosion Resistant
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Interstitial Monitoring (sump sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	12/10/1999
Tag Number:	A3896

Tank ID:	6099
Tank Name:	5
Install Date:	1/1/1973
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/4/1998
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

REDMOND CITY UST 8985 (Continued) **U003026472**

Tank ID:	6133
Tank Name:	1
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

Tank ID:	6158
Tank Name:	3
Install Date:	1/1/1968
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/4/1998
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Product Removed by Reclaimer
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Other
Pipe Material:	Not reported
Pipe Construction:	Other
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Tank Primary Release Detection:	Weekly Manual Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

REDMOND CITY UST 8985 (Continued) **U003026472**

Tank ID:	6174
Tank Name:	7
Install Date:	9/25/1990
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	8/28/1997
TankSystem Status:	Operational
TankSystem Status Change Date:	8/28/1997
Tank Status:	Operational
Tank Permit Expiration Date:	6/30/2011
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Every 5 Years
Tank Corrosion Protection:	Sacrificial Anode
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Interstitial Monitoring (sump sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

Tank ID:	6207
Tank Name:	6
Install Date:	1/1/1973
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/4/1998
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

REDMOND CITY UST 8985 (Continued) **U003026472**

Tank ID:	6220
Tank Name:	2
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

Tank ID:	6234
Tank Name:	4
Install Date:	1/1/1968
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/4/1998
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A3896

G30 West 1/4-1/2 0.333 mi. 1758 ft. **WHIRLPOOL FACTORY SVC**
18047 NE 68TH ST STE B100
REDMOND, WA 98052
Site 1 of 3 in cluster G

Database(s): RCRA-NonGen, FINDS, ALLSITES
EDR ID Number: 1004794373
EPA ID Number: WAD988510194

Relative: Lower

Actual: 53 ft.

RCRA-NonGen:

Date form received by agency:	10/13/2000
Facility name:	WHIRLPOOL FACTORY SVC
Facility address:	18047 NE 68TH ST STE B100 REDMOND, WA 980526717
EPA ID:	WAD988510194
Contact:	SANDRA SODJA
Contact address:	18047 NE 68TH ST STE B100 REDMOND, WA 98052-6717
Contact country:	US
Contact telephone:	(425)883-0479
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WHIRLPOOL CORP
Owner/operator address:	18047 NE 68TH ST STE B100 REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/17/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005378046

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

WHIRLPOOL FACTORY SVC (Continued) **1004794373**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	24825995
Latitude:	47.6663700
Longitude:	-122.09961
Geographic location identifier (alias facid):	24825995
Facility Name:	Whirlpool Factory Svc
Latitude Decimal Degrees:	47.666370000000001
Longitude Decimal Degrees:	-122.09961
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

F31 **REDMOND CITY SHOPS** **ICR S103503962**
WNW **18080 NE 76TH** **N/A**
1/4-1/2 **REDMOND, WA 98052**
0.338 mi.
1782 ft. **Site 6 of 7 in cluster F**

Relative:
Lower

Actual:
51 ft.

ICR:

Date Ecology Received Report:	04/06/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Not reported
Site Register Issue:	98-03
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/07/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/22/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Spill
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	93-34
County Code:	17

REDMOND CITY SHOPS (Continued) **S103503962**

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/09/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-35
County Code:	17
Contact:	Not reported
Report Title:	Cleanup Action Plan & Request for NFA

F32 **REDMOND CITY MAINTENANCE** **RCRA-CESQG** **1000301520**
WNW **18080 NE 76TH STREET** **FINDS** **WAD982653453**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.338 mi. **CSCSL NFA**
1782 ft. **Site 7 of 7 in cluster F** **MANIFEST**
VCP

Relative:
Lower

Actual:
51 ft.

RCRA-CESQG:

Date form received by agency:	04/17/2008
Facility name:	REDMOND CITY MAINTENANCE
Facility address:	18080 NE 76TH ST REDMOND, WA 980525023
EPA ID:	WAD982653453
Contact:	ALBERT C GUENTHER
Contact address:	18080 NE 76TH ST REDMOND, WA 98052-5023
Contact country:	US
Contact telephone:	(425)556-2842
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF REDMOND
Owner/operator address:	18080 NE 76TH ST REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported

REDMOND CITY MAINTENANCE (Continued) **1000301520**

Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 08/16/1996
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2007
Facility name: REDMOND CITY MAINTENANCE
Classification: Not a generator, verified

Date form received by agency: 12/31/2005
Facility name: REDMOND CITY MAINTENANCE
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Facility name: REDMOND CITY MAINTENANCE
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/04/1998
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110013004015

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

REDMOND CITY MAINTENANCE (Continued) **1000301520**

SDWIS [WS] (Safe Drinking Water Information System (Water System)). Water Systems can have one or more water system facilities. The water system will purchase water from several facilities. Drinking water information is stored in EPA's SDWIS, which contains information about public water systems and their violations of EPA's regulations for safe drinking water. These statutes and accompanying regulations establish maximum contaminant levels (MCL), treatment techniques, and monitoring and reporting requirements to ensure that water provided to customers is safe for human consumption.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:

Facility Id:	44186891
Latitude:	47.6725539
Longitude:	-122.10222
Geographic location identifier (alias facid):	44186891
Facility Name:	REDMOND CITY MAINTENANCE
Latitude Decimal Degrees:	47.672553999999998
Longitude Decimal Degrees:	-122.102222
Coordinate Point Areal Extent Code:	4
Horizontal Accuracy Code:	6
Coordinate Point Geographic Position Code:	8
Location Verified Code:	Y

CSCSL NFA:

Facility/Site Id:	44186891
CS Id:	6092
NFA Type:	NFA-VCP Review
NFA Date:	09/21/2000
Rank:	Not reported

WA MANIFEST:

Facility Site ID Number:	44186891
SWC Desc:	Not reported
FWC Desc:	D001- OIL BASE PAINT. A21-WATER BASED PAINT
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE

REDMOND CITY MAINTENANCE (Continued) **1000301520**

Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD982653453
Facility Address 2:	Not reported
TAX REG NBR:	176000016
NAICS CD:	22131
BUSINESS TYPE:	CITY GOVERMENT
MAIL NAME:	Redmond City
MAIL ADDR LINE1:	18080 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5023
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Redmond City
LEGAL ORG TYPE:	Municipal
LEGAL ADDR LINE1:	18080 NE 76TH MAINT OPER CTR
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	000-000-0000
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Redmond City
LAND ORG TYPE:	Municipal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18080 NE 76TH ST
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5023
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	000-000-0000
OPERATOR ORG NAME:	CITY OF REDMOND
OPERATOR ORG TYPE:	Municipal
OPERATOR ADDR LINE1:	18080 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5023
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)556-2842
OPERATOR EFFECTIVE DATE:	8/16/1996
SITE CONTACT NAME:	Mark Cassell
SITE CONTACT ADDR LINE1:	18080 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5023
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)556-2842
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Victors Sisk
FORM CONTACT ADDR LINE1:	18080 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5023
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)556-2803

REDMOND CITY MAINTENANCE (Continued) **1000301520**

FORM CONTACT EMAIL:	VSISK@REDMOND.GOV
GEN STATUS CD:	SQG
MONTHLY GENERATION:	FALSE
BATCH GENERATION:	TRUE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	TRUE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	44186891
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD982653453
Facility Address 2:	Not reported
TAX REG NBR:	176000016
NAICS CD:	561210
BUSINESS TYPE:	CITY GOVERMENT
MAIL NAME:	Redmond City
MAIL ADDR LINE1:	18080 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5023
MAIL COUNTRY:	UNITED STATES

REDMOND CITY MAINTENANCE (Continued) **1000301520**

LEGAL ORG NAME:	Redmond City
LEGAL ORG TYPE:	Municipal
LEGAL ADDR LINE1:	18080 NE 76TH MAINT OPER CTR
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	000-000-0000
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Redmond City
LAND ORG TYPE:	Municipal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18080 NE 76TH ST
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5023
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	000-000-0000
OPERATOR ORG NAME:	CITY OF REDMOND
OPERATOR ORG TYPE:	Municipal
OPERATOR ADDR LINE1:	18080 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5023
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)556-2842
OPERATOR EFFECTIVE DATE:	8/16/1996
SITE CONTACT NAME:	ALBERT C GUENTHER
SITE CONTACT ADDR LINE1:	18080 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5023
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)556-2842
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Victors Sisk
FORM CONTACT ADDR LINE1:	18080 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5023
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)556-2803
FORM CONTACT EMAIL:	VSISK@REDMOND.GOV
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	44186891
SWC Desc:	Not reported
FWC Desc:	D001- OIL BASE PAINT. A21-WATER BASED PAINT
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No

REDMOND CITY MAINTENANCE (Continued) **1000301520**

Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD982653453
Facility Address 2:	Not reported
TAX REG NBR:	176000016
NAICS CD:	22131
BUSINESS TYPE:	CITY GOVERMENT
MAIL NAME:	Redmond City
MAIL ADDR LINE1:	18080 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5023
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Redmond City
LEGAL ORG TYPE:	Municipal
LEGAL ADDR LINE1:	18080 NE 76TH MAINT OPER CTR
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	000-000-0000
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Redmond City
LAND ORG TYPE:	Municipal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18080 NE 76TH ST
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5023
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	000-000-0000
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Municipal
OPERATOR ADDR LINE1:	18080 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5023
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)556-2842
OPERATOR EFFECTIVE DATE:	8/16/1996
SITE CONTACT NAME:	Mark Cassell
SITE CONTACT ADDR LINE1:	18080 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5023
SITE CONTACT COUNTRY:	UNITED STATES

REDMOND CITY MAINTENANCE (Continued) **1000301520**

SITE CONTACT PHONE NBR:	(425)556-2842
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Victors Sisk
FORM CONTACT ADDR LINE1:	18080 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5023
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)556-2803
FORM CONTACT EMAIL:	VSISK@REDMOND.GOV
GEN STATUS CD:	SQG
MONTHLY GENERATION:	No
BATCH GENERATION:	Yes
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	Yes
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	44186891
SWC Desc:	WP02
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD982653453
Facility Address 2:	Not reported

REDMOND CITY MAINTENANCE (Continued) **1000301520**

TAX REG NBR:	176000016
NAICS CD:	22131
BUSINESS TYPE:	CITY GOVERMENT
MAIL NAME:	Redmond City
MAIL ADDR LINE1:	18080 NE 76TH ST
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5023
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Redmond City
LEGAL ORG TYPE:	Municipal
LEGAL ADDR LINE1:	18080 NE 76TH MAINT OPER CTR
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	000-000-0000
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Redmond City
LAND ORG TYPE:	Municipal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	18080 NE 76TH ST
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5023
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	000-000-0000
OPERATOR ORG NAME:	CITY OF REDMOND
OPERATOR ORG TYPE:	Municipal
OPERATOR ADDR LINE1:	18080 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5023
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)556-2842
OPERATOR EFFECTIVE DATE:	8/16/1996
SITE CONTACT NAME:	ALBERT C GUENTHER
SITE CONTACT ADDR LINE1:	18080 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052-5023
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)556-2842
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Victors Sisk
FORM CONTACT ADDR LINE1:	18080 NE 76TH ST
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5023
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)556-2803
FORM CONTACT EMAIL:	VSISK@REDMOND.GOV
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

REDMOND CITY MAINTENANCE (Continued) **1000301520**

VCP:
- edr_fstat: WA
- edr_fzip: 98052
- edr_fcnty: KING COUNTY
- edr_zip: Not reported
- Facility ID: 44186891
- VCP Status: Not reported
- VCP: Y
- Ecology Status: Not reported
- NFA Type: NFA-VCP Review
- Date NFA: 09/21/2000
- Rank: Not reported

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33 **WA DOT SR 202 520 TO SAHALEE WAY** **CSCSL** **S108653545**
WSW **SR 202 & SAHALEE WAY** **ALLSITES** **N/A**
1/4-1/2 **REDMOND, WA 98074** **BROWNFIELDS**
0.340 mi.
1796 ft.

Relative:
Lower

Actual:
53 ft.

CSCSL:
- Facility ID: 2469202
- Region: Northwest
- Lat/Long: 47.666111000000 / -122.098889
- Brownfield Status: Yes
- Rank Status: Not reported
- Clean Up Siteid: 2840
- Site Status: Cleanup Started
- PSI?: Not reported
- Contaminant Name: Petroleum Products - unspecified
- Ground Water: C
- Surface Water: Not reported
- Soil: B
- Sediment: Not reported
- Air: Not reported
- Bedrock: Not reported
- Responsible Unit: Northwest

ALLSITES:
- Facility Id: 2469202
- Latitude: 47.6661110
- Longitude: -122.09888
- Geographic location identifier (alias facid): 2469202
- Facility Name: WA DOT SR 202 520 to Sahalee Way
- Latitude Decimal Degrees: 47.666111000000001
- Longitude Decimal Degrees: -122.098889
- Coordinate Point Areal Extent Code: 5
- Horizontal Accuracy Code: 13
- Coordinate Point Geographic Position Code: 99
- Location Verified Code: N

BROWNFIELDS:
- Facilty ID: 2469202
- Rank: Not reported
- Cleanup Site Id: 2840
- Facility Status: Cleanup Started

WA DOT SR 202 520 TO SAHALEE WAY (Continued) **S108653545**

ISIS User Display Name: Musa, Donna
Latitude: 47.665
Longitude: -122.099
Is VCP Flag: Not reported
Is NFA Flag: Not reported

H34 **RING & PINION SERVICE** **RCRA-CESQG** **1000473822**
WSW **18014 REDMOND WAY UNIT 25** **FINDS** **WAD988478764**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.366 mi.
1934 ft. **Site 1 of 4 in cluster H**

Relative:
Lower

Actual:
60 ft.

RCRA-CESQG:
Date form received by agency: 10/31/1995
Facility name: RING & PINION SERVICE
Facility address: 18014 REDMOND WAY UNIT 25
REDMOND, WA 98052
EPA ID: WAD988478764
Mailing address: 11630 AIRPORT RD STE 300
EVERETT, WA 98204-3752
Contact: RANDAL LYMAN
Contact address: 11630 AIRPORT RD STE 300
EVERETT, WA 98204-3752
Contact country: US
Contact telephone: (425)347-1199
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: WAYNE HARRISON
Owner/operator address: 11630 AIRPORT RD STE 300
EVERETT, WA 98204
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/31/1995
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

RING & PINION SERVICE (Continued) **1000473822**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/17/1992
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005355775

Environmental Interest/Information System
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RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:
Facility Id: 59656743
Latitude: 47.6669899
Longitude: -122.10164
Geographic location identifier (alias facid): 59656743
Facility Name: Ring & Pinion Service
Latitude Decimal Degrees: 47.666989999999998
Longitude Decimal Degrees: -122.10164
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

H35 **GUARANTEED RADIATOR** **RCRA-CESQG** **1000473894**
WSW **18014 REDMOND WAY UNIT 45** **FINDS** **WAD988479606**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.366 mi.
1934 ft. **Site 2 of 4 in cluster H**

Relative:
Lower

Actual:
60 ft.

RCRA-CESQG:

Date form received by agency:	03/28/2003
Facility name:	GUARANTEED RADIATOR
Facility address:	18014 REDMOND WAY UNIT 45 REDMOND, WA 98052
EPA ID:	WAD988479606
Mailing address:	PO BOX 554 REDMOND, WA 98073-0554
Contact:	TIM DEVOY
Contact address:	PO BOX 554 REDMOND, WA 98073-0554
Contact country:	US
Contact telephone:	(425)883-0400
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	TIM DEVOY
Owner/operator address:	PO BOX 554 REDMOND, WA 98073
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	09/10/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

GUARANTEED RADIATOR (Continued) **1000473894**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/12/2003
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/03/1991
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110006900513

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:
Facility Id: 15496287
Latitude: 47.6669899
Longitude: -122.10164
Geographic location identifier (alias facid): 15496287
Facility Name: Guaranteed Radiator
Latitude Decimal Degrees: 47.666989999999998
Longitude Decimal Degrees: -122.10164
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

G36 **ADCORP** **RCRA-NonGen** **1001234057**
West **18005 NE 68TH ST STE A120** **FINDS** **WAH000004697**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.368 mi.
1944 ft. **Site 2 of 3 in cluster G**

Relative:
Lower

Actual:
52 ft.

RCRA-NonGen:

Date form received by agency:	05/21/1999
Facility name:	ADCORP
Facility address:	18005 NE 68TH ST STE A120 REDMOND, WA 98052
EPA ID:	WAH000004697
Mailing address:	18005 NE 68TH ST STE A-120 REDMOND, WA 98052
Contact:	BILL CHAPMAN
Contact address:	18005 NE 68TH ST STE A-120 REDMOND, WA 98052
Contact country:	US
Contact telephone:	(425)867-5744
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BILL CHAPMAN
Owner/operator address:	18005 NE 68TH ST STE A-120 REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/27/1998
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005392397

ADCORP (Continued) **1001234057**

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	38594949
Latitude:	47.6661810
Longitude:	-122.14104
Geographic location identifier (alias facid):	38594949
Facility Name:	Adcorp
Latitude Decimal Degrees:	47.666181000000002
Longitude Decimal Degrees:	-122.14104399999999
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	8
Location Verified Code:	N

I37 **GENIE INDUSTRIES MOOSE WERKS** **RCRA-LQG** **1000395166**
West **7140 180TH AVE NE** **FINDS** **WAD980981690**
1/4-1/2 **REDMOND, WA 98073** **ALLSITES**
0.369 mi. **MANIFEST**
1950 ft. **Site 1 of 2 in cluster I** **SPILLS**
AIRS

Relative:
Lower

Actual:
57 ft.

RCRA-LQG:

Date form received by agency:	02/11/2010
Facility name:	GENIE INDUSTRIES MOOSE WERKS
Facility address:	7140 180TH AVE NE REDMOND, WA 98073
EPA ID:	WAD980981690
Mailing address:	PO BOX 97030 REDMOND, WA 98073
Contact:	JAMES E HANLEY
Contact address:	PO BOX 97030 REDMOND, WA 98073
Contact country:	US
Contact telephone:	(425) 49-8736
Contact email:	JAMES.HANLEY@TEREX.COM
EPA Region:	10
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GENIE INDUSTRIES
Owner/operator address:	P O BOX 97030 REDMOND, 98073
Owner/operator country:	US
Owner/operator telephone:	(425) 498-7362
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/16/2001
Owner/Op end date:	Not reported

Owner/operator name:	GENIE INDUSTRIES
Owner/operator address:	18340 NE 76TH ST REDMOND, 98052
Owner/operator country:	US
Owner/operator telephone:	(425) 498-7362
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	02/20/1997
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/21/2008
Facility name:	GENIE INDUSTRIES MOOSE WERKS
Classification:	Large Quantity Generator

Date form received by agency:	12/31/2007
Facility name:	GENIE INDUSTRIES MOOSE WERKS
Classification:	Large Quantity Generator

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Date form received by agency: 12/31/2005
Facility name: GENIE INDUSTRIES MOOSE WERKS
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Facility name: GENIE INDUSTRIES MOOSE WERKS
Classification: Large Quantity Generator

Date form received by agency: 02/22/2002
Facility name: GENIE INDUSTRIES MOOSE WERKS
Classification: Large Quantity Generator

Date form received by agency: 02/18/2000
Facility name: GENIE INDUSTRIES MOOSE WERKS
Classification: Large Quantity Generator

Date form received by agency: 02/13/1998
Facility name: GENIE INDUSTRIES MOOSE WERKS
Classification: Large Quantity Generator

Date form received by agency: 12/31/1990
Facility name: GENIE INDUSTRIES MOOSE WERKS
Site name: AVITA HEALTH AND FITNESS
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: WT02
Waste name: Washington State Dangerous Toxic Waste with a toxic constituents concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation procedure.

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 4025.3

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 2030.6

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 112.6

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 112.6

Waste code: D035
Waste name: METHYL ETHYL KETONE

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Amount (Lbs): 3925.3

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 3377.7

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 3377.7

Facility Has Received Notices of Violations:
Regulation violated: SR - -630(5)(c)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 07/01/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -340(1)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -515(6)
Area of violation: Generators - General

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Date violation determined: 06/16/2005
Date achieved compliance: 06/20/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(2)(b)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 06/20/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -070(4)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 07/25/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -515(6)(a)(i)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 06/20/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(1)(d)
Area of violation: Generators - General
Date violation determined: 06/16/2005

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Date achieved compliance: 06/20/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -330(3)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 07/01/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -630(5)(a)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 07/01/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - -200(2)(a)
Area of violation: Generators - General
Date violation determined: 06/16/2005
Date achieved compliance: 06/20/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/13/1989
Date achieved compliance: 07/04/1994

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/21/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 04/12/2010
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/16/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/25/2005
Evaluation lead agency: State

Evaluation date: 06/16/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/01/2005
Evaluation lead agency: State

Evaluation date: 06/16/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 06/16/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/28/2005
Evaluation lead agency: State

Evaluation date: 06/16/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/20/2005
Evaluation lead agency: State

Evaluation date: 12/13/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/04/1994
Evaluation lead agency: State

FINDS:

Registry ID: 110000498113

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ALLSITES:

Facility Id:	89177399
Latitude:	47.6677200
Longitude:	-122.10045
Geographic location identifier (alias facid):	89177399
Facility Name:	Genie Industries Moose Werks
Latitude Decimal Degrees:	47.667720000000003
Longitude Decimal Degrees:	-122.10045
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

WA MANIFEST:

Facility Site ID Number:	89177399
SWC Desc:	WT02 - ToxWT02 WP02
FWC Desc:	D001 D002D001 - Ignitable, D002 - Corrosive
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD980981690
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33312
BUSINESS TYPE:	Not reported
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	P O BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073-9730
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425498-7362
LEGAL EFFECTIVE DATE:	2/16/2001
LAND ORG NAME:	Vectra Fitness Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	15135 NE 90TH ST STE C
LAND CITY,ST,ZIP:	REDMOND, WA 98052-3560
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 867-1500
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425) 498-7362
OPERATOR EFFECTIVE DATE:	2/20/1997
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	hanlej@genieind.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: (425) 498-7362
FORM CONTACT EMAIL: hanlej@genieind.com
GEN STATUS CD: LQG
MONTHLY GENERATION: TRUE
BATCH GENERATION: FALSE
ONE TIME GENERATION: FALSE
TRANSPORTS OWN WASTE: FALSE
TRANSPORTS OTHRS WASTE: FALSE
RECYCLER ONSITE: FALSE
TRANSFER FACILITY: FALSE
OTHER EXEMPTION: Not reported
UW BATTERY GEN: FALSE
USED OIL TRANSPORTER: FALSE
USED OIL TRANSFER FACLTY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

Facility Site ID Number: 89177399
SWC Desc: WT02
FWC Desc: D001, D002, D035, F003, F005, D018, D005
Form Comm: On 10/31/2009 this facility was closed and returned to the site owner. Genie Industries no longer has operational control or functionality at the site. This annual report covers the activities carried out by Genie Industries up to the date when the facility was returned.
Data Year: 2009
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD980981690
Facility Address 2: Not reported
TAX REG NBR: 578077413
NAICS CD: 333923

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

BUSINESS TYPE:	Not reported
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	P O BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073-9730
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425) 498-7362
LEGAL EFFECTIVE DATE:	2/16/2001
LAND ORG NAME:	Vectra Fitness Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	15135 NE 90TH ST STE C
LAND CITY,ST,ZIP:	REDMOND, WA 98052-3560
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 867-1500
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425) 498-7362
OPERATOR EFFECTIVE DATE:	2/20/1997
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	James.Hanley@terex.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7362
FORM CONTACT EMAIL:	James.Hanley@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	89177399
SWC Desc:	WT02 - ToxWT02 WP02

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

FWC Desc:	D001 D002D001 - Ignitable, D002 - Corrosive
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD980981690
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33312
BUSINESS TYPE:	Not reported
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	P O BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073-9730
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425498-7313
LEGAL EFFECTIVE DATE:	2/16/2001
LAND ORG NAME:	Vectra Fitness Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	15135 NE 90TH ST STE C
LAND CITY,ST,ZIP:	REDMOND, WA 98052-3560
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 867-1500
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425) 498-7313

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

OPERATOR EFFECTIVE DATE:	2/20/1997
SITE CONTACT NAME:	Michael Johnson
SITE CONTACT ADDR LINE1:	18340 NE 76TH ST
SITE CONTACT ZIP:	REDMOND, WA 98052
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7313
SITE CONTACT EMAIL:	johnsm@genieind.com
FORM CONTACT NAME:	Michael Johnson
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7313
FORM CONTACT EMAIL:	johnson@genieind.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	Yes
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	89177399
SWC Desc:	WT02
FWC Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	True
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD980981690
Facility Address 2:	Not reported
TAX REG NBR:	578077413
NAICS CD:	33312
BUSINESS TYPE:	Not reported
MAIL NAME:	Genie Industries
MAIL ADDR LINE1:	PO BOX 97030
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Genie Industries
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	P O BOX 97030
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073-9730
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425) 498-7362
LEGAL EFFECTIVE DATE:	2/16/2001
LAND ORG NAME:	Vectra Fitness Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	15135 NE 90TH ST STE C
LAND CITY,ST,ZIP:	REDMOND, WA 98052-3560
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 867-1500
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425) 498-7362
OPERATOR EFFECTIVE DATE:	2/20/1997
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	James.Hanley@terex.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7362
FORM CONTACT EMAIL:	James.Hanley@terex.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
USED OIL FUEL MRKTR MEETS SPECS: False

Facility Site ID Number: 89177399
SWC Desc: WT02 - ToxWT02 WP02
FWC Desc: D001 D002D001 - Ignitable, D002 - Corrosive
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: True
Universal waste - mercury - generate: True
Universal waste - lamps - generate: True
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD980981690
Facility Address 2: Not reported
TAX REG NBR: 578077413
NAICS CD: 33312
BUSINESS TYPE: Not reported
MAIL NAME: Genie Industries
MAIL ADDR LINE1: PO BOX 97030
MAIL CITY,ST,ZIP: REDMOND, WA 98073
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Genie Industries
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: P O BOX 97030
LEGAL CITY,ST,ZIP: REDMOND, WA 98073-9730
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (425) 498-7362
LEGAL EFFECTIVE DATE: 2/16/2001
LAND ORG NAME: Vectra Fitness Inc
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 15135 NE 90TH ST STE C
LAND CITY,ST,ZIP: REDMOND, WA 98052-3560
LAND COUNTRY: UNITED STATES

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

LAND PHONE NBR:	(360) 867-1500
OPERATOR ORG NAME:	Genie Industries
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18340 NE 76TH ST
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425) 498-7362
OPERATOR EFFECTIVE DATE:	02/20/97
SITE CONTACT NAME:	James E Hanley
SITE CONTACT ADDR LINE1:	PO BOX 97030
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425) 498-7362
SITE CONTACT EMAIL:	hanlej@genieind.com
FORM CONTACT NAME:	James E Hanley
FORM CONTACT ADDR LINE1:	PO BOX 97030
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073-9730
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 498-7362
FORM CONTACT EMAIL:	hanlej@genieind.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	True
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access additional WA MANIFEST: detail in the EDR Site Report.

SPILLS:

Facility ID:	553674
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	1300
Material Units:	GALLON
Date Received:	3/2/2006
Contact Name:	Not reported

Facility ID:	548772
Medium:	Not reported
Material Desc:	BATTERY
Material Qty:	1
Material Units:	CONTAINER
Date Received:	6/16/2005
Contact Name:	UNK

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Facility ID: 516570
Medium: Not reported
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 2
Material Units: GALLON
Date Received: 3/6/2001
Contact Name: WOODLAND TRUCK, INC.

Facility ID: 553889
Medium: Not reported
Material Desc: PETROLEUM - OIL OTHER
Material Qty: 2
Material Units: QUART
Date Received: 3/14/2006
Contact Name: Not reported

AIRS (EMI):
Facility ID: Not reported
Ecolgy Fac ID: Not reported
Local ID: Not reported
County Code: 033
Facility type: Not reported
Local Air Agency ID: C
Fed County Code: Not reported
Source Number: 18220
Process ID: 1
Year Of Info: 2007
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Tot Suspended Partclte Emissions Estmn Code: Not reported
PM10 Nonattainment Area: Not reported
% Control Of Sulfur Dioxide Emissions: Not reported
NO2 Chemical: Not reported
% Cntrl Of Volatile Organic Compound Emissions: Not reported
CO Nonattainment Area: Not reported
Univsl Business ID: Not reported
Boilers Design Capacity At A Point: Not reported
% Of Ops Occuring During Qtr Jan-Mar: Not reported
% Of Ops Occuring During Qtr Dec-Feb: Not reported
% Of Ops Occuring During Qtr Apr-Jun: Not reported
% Of Ops Occuring During Qtr Mar-May: Not reported
% Of Ops Occuring During Qtr Jun-Aug: Not reported
% Of Ops Occuring During Qtr Jul-Sep: Not reported
% Of Ops Occuring During Qtr Sep-Nov: Not reported
% Of Ops Occuring During Qtr Oct-Dec: Not reported
# Of Hours Facility Operates Each Day: Not reported
# Of Days Facility Operates Each Week: Not reported
# Of Weeks Facility Operates Each Year: Not reported
Exit Temp Of A Stack Or Vent: Not reported
% Wtr In Stack / Vent Exhaust: Not reported
Height Of Stack: Not reported
Diameter Of Stack: Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30400499
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	0
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	3
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	FUGITIVE EMISSIONS
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	False
Latitude/Longitude:	48 / 120
Whether Source Is An AOP(Title V) Source:	False
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility ID:	Not reported
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	033
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	Not reported
Source Number:	18220
Process ID:	2
Year Of Info:	2007
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	79900101
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	1
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	False
Latitude/Longitude:	48 / 120
Whether Source Is An AOP(Title V) Source:	False
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility ID:	Not reported
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	033
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	Not reported
Source Number:	18220
Process ID:	1
Year Of Info:	2007
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	40200110
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	24
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	False
Latitude/Longitude:	48 / 120
Whether Source Is An AOP(Title V) Source:	False
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported

Facility ID:	Not reported
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	033
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	Not reported
Source Number:	18220
Process ID:	1
Year Of Info:	2008
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	40200110
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	17
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	47.668289199999997 / 122.0970306
Whether Source Is An AOP(Title V) Source:	False
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility ID:	Not reported
Ecolgy Fac ID:	Not reported
Local ID:	Not reported
County Code:	033
Facility type:	Not reported
Local Air Agency ID:	C
Fed County Code:	Not reported
Source Number:	18220
Process ID:	2

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Year Of Info:	2008
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	Not reported
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	Not reported
% Of Ops Occuring During Qtr Jun-Aug:	Not reported
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	Not reported
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	Not reported
# Of Days Facility Operates Each Week:	Not reported
# Of Weeks Facility Operates Each Year:	Not reported
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	40100303
EPA Code For Throughput Unit Of Measure:	Not reported
EPA Mat Code For Throughput At Each Process:	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing:	Not reported
Description Of Material:	Not reported
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	Not reported
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	Not reported
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	Not reported
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	2
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	Not reported
Carbon Monoxide Emission Est Code:	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	Not reported
Ozone Nonattainment Area:	Not reported
CO Nonattainment Area:	Not reported
UTM East:	Not reported
UTM North:	Not reported
UTM Zone:	Not reported
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
Plant Name:	Not reported
Plant SIC Code:	Not reported
Plant NAICS:	333120
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	Not reported
Plant UTM East:	Not reported
Plant UTM North:	Not reported
Plant UTM Zone:	Not reported
Point Process SIC:	Not reported
Point Num:	2
Point NAICS:	333120
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	SURFACE COATING
Point Comments:	Not reported

GENIE INDUSTRIES MOOSE WERKS (Continued) **1000395166**

SCC Process Desc: Not reported
Primary Control Device Code for SO2: Not reported
Secondary Control Device Code for SO2: Not reported
Insignificant Emissions Unit: Not reported
Latitude/Longitude: 47.668289199999997 / 122.0970306
Whether Source Is An AOP(Title V) Source: False
Control Code1: Not reported
Control Code2: Not reported
Control Code3: Not reported
Control Code4: Not reported
Control Code5: Not reported
Control Code6: Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA AIR_EMISSIONS: record(s) in the EDR Site Report.

I38 **AAR TESTING LABORATORIES** **RCRA-NonGen** **1001969589**
West **7126 180TH AVE NE** **FINDS** **WAH000003681**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.369 mi.
1950 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
57 ft.

RCRA-NonGen:
Date form received by agency: 01/14/2005
Facility name: AAR TESTING LABORATORIES
Facility address: 7126 180TH AVE NE
REDMOND, WA 98052
EPA ID: WAH000003681
Mailing address: PO BOX 2523
REDMOND, WA 98052
Contact: ALAN HALE
Contact address: PO BOX 2523
REDMOND, WA 98052
Contact country: US
Contact telephone: (425)881-5812
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: AAR TESTING LABORATORIES
Owner/operator address: PO BOX 2523
REDMOND, WA 98052
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/19/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

AAR TESTING LABORATORIES (Continued) **1001969589**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2003
Facility name: AAR TESTING LABORATORIES
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005391726

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:
Facility Id: 63235794
Latitude: 47.4260732
Longitude: -122.06051
Geographic location identifier (alias facid): 63235794
Facility Name: AAR Testing Laboratories
Latitude Decimal Degrees: 47.426073245399998
Longitude Decimal Degrees: -122.06051864299999
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: N

H39 **REDMOND AUTOMOTIVE** **RCRA-NonGen** **1000838247**
SW **18130 REDMOND FALL CITY RD** **FINDS** **WAD988510038**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.370 mi.
1951 ft. **Site 3 of 4 in cluster H**

Relative:
Lower

Actual:
59 ft.

RCRA-NonGen:

Date form received by agency:	09/22/1998
Facility name:	REDMOND AUTOMOTIVE
Facility address:	18130 REDMOND FALL CITY RD REDMOND, WA 98052
EPA ID:	WAD988510038
Contact:	WILLIAM MUENZE
Contact address:	18130 REDMOND FALL CITY RD REDMOND, WA 98052-0000
Contact country:	US
Contact telephone:	(425)885-4333
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	REDMOND AUTOMOTIVE
Owner/operator address:	18130 REDMOND FALL CITY RD REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/03/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005377920

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

REDMOND AUTOMOTIVE (Continued) **1000838247**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	26971674
Latitude:	47.6668099
Longitude:	-122.10145
Geographic location identifier (alias facid):	26971674
Facility Name:	Redmond Automotive
Latitude Decimal Degrees:	47.666809999999998
Longitude Decimal Degrees:	-122.10145
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

40
SW
1/4-1/2
0.370 mi.
1952 ft.

Relative:
Lower

Actual:
60 ft.

KENS REDMOND AUTO BODY INC **RCRA-CESQG** **1000375695**
18138 REDMOND FALL CITY RD **FINDS** **WAD044595627**
REDMOND, WA 98052 **ALLSITES**
MANIFEST

RCRA-CESQG:

Date form received by agency:	03/09/2010
Facility name:	KENS REDMOND AUTO BODY INC
Facility address:	18138 REDMOND FALL CITY RD REDMOND, WA 98052
EPA ID:	WAD044595627
Mailing address:	18138 REDMOND WAY REDMOND, WA 98052
Contact:	TIM CAMPBELL
Contact address:	18138 REDMOND WAY REDMOND, WA 98052
Contact country:	US
Contact telephone:	(425) 885-0661
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

Owner/Operator Summary:
Owner/operator name: KENS REDMOND AUTO BODY INC
Owner/operator address: 18138 REDMOND WAY
REDMOND, 98052
Owner/operator country: US
Owner/operator telephone: 425-885-0661
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/1996
Owner/Op end date: Not reported

Owner/operator name: TIM CAMPBELL
Owner/operator address: 18138 REDMOND WAY
REDMOND, 98052
Owner/operator country: US
Owner/operator telephone: (425)885-0661
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: Yes
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/15/2008
Facility name: KENS REDMOND AUTO BODY INC
Classification: Not a generator, verified

Date form received by agency: 12/31/2007
Facility name: KENS REDMOND AUTO BODY INC
Classification: Not a generator, verified

Date form received by agency: 12/31/2005
Facility name: KENS REDMOND AUTO BODY INC
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Facility name: KENS REDMOND AUTO BODY INC
Classification: Not a generator, verified

Date form received by agency: 12/31/1990

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

Facility name: KENS REDMOND AUTO BODY INC
Site name: KEN'S REDMOND AUTO BODY INC
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: WSQG
Waste name: A placeholder to allow BR submission to validate. In WA State, Conditionally Exempt Small Quantity Generators (Called SQG in WA) are not required to report waste streams, so no valid State or Fed codes are available for reporting to BR.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/04/1998
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005320376

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ALLSITES:
Facility Id: 98638394
Latitude: 47.6668000
Longitude: -122.10144
Geographic location identifier (alias facid): 98638394
Facility Name: Kens Redmond Auto Body Inc
Latitude Decimal Degrees: 47.666800000000002
Longitude Decimal Degrees: -122.10144
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

WA MANIFEST:

Facility Site ID Number:	98638394
SWC Desc:	Not reported
FWC Desc:	D001, D007
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD044595627
Facility Address 2:	Not reported
TAX REG NBR:	600417538
NAICS CD:	811121
BUSINESS TYPE:	Not reported
MAIL NAME:	Kens Redmond Auto Body Inc
MAIL ADDR LINE1:	18138 REDMOND WAY
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5016
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Kens Redmond Auto Body Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	18138 REDMOND WAY
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052-5016
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425-885-0661
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Tim Campbell
LAND ORG TYPE:	Private
LAND PERSON NAME:	Tim Campbell
LAND ADDR LINE1:	18138 REDMOND WAY
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5016
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-0661
OPERATOR ORG NAME:	Tim Campbell
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18138 REDMOND WAY

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5016
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-0661
OPERATOR EFFECTIVE DATE:	1/1/2003
SITE CONTACT NAME:	Tim Campbell
SITE CONTACT ADDR LINE1:	18138 REDMOND WAY
SITE CONTACT ZIP:	REDMOND, WA 98052-5016
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-0661
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Tim Campbell
FORM CONTACT ADDR LINE1:	18138 Redmond Way
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5016
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-0661
FORM CONTACT EMAIL:	redmond@premier1.net
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	98638394
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD044595627
Facility Address 2:	Not reported
TAX REG NBR:	600417538
NAICS CD:	811121
BUSINESS TYPE:	Not reported
MAIL NAME:	Kens Redmond Auto Body Inc
MAIL ADDR LINE1:	18138 REDMOND WAY
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5016
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Kens Redmond Auto Body Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	18138 REDMOND WAY
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052-5016
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425-885-0661
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Tim Campbell
LAND ADDR LINE1:	18138 REDMOND WAY
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5016
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-0661
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18138 REDMOND WAY
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5016
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-0661
OPERATOR EFFECTIVE DATE:	1/1/2003
SITE CONTACT NAME:	Tim Campbell
SITE CONTACT ADDR LINE1:	18138 REDMOND WAY
SITE CONTACT ZIP:	REDMOND, WA 98052-5016
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-0661
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Tim Campbell
FORM CONTACT ADDR LINE1:	18138 Redmond Way
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5016
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-0661
FORM CONTACT EMAIL:	redmond@premier1.net
GEN STATUS CD:	SQG
MONTHLY GENERATION:	FALSE
BATCH GENERATION:	TRUE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	TRUE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	98638394
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD044595627
Facility Address 2:	Not reported
TAX REG NBR:	600417538
NAICS CD:	811121
BUSINESS TYPE:	Not reported
MAIL NAME:	Kens Redmond Auto Body Inc
MAIL ADDR LINE1:	18138 REDMOND WAY
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5016
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Kens Redmond Auto Body Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	18138 REDMOND WAY
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052-5016
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425-885-0661
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Tim Campbell

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

LAND ADDR LINE1:	18138 REDMOND WAY
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5016
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-0661
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18138 REDMOND WAY
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5016
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-0661
OPERATOR EFFECTIVE DATE:	1/1/2003
SITE CONTACT NAME:	Tim Campbell
SITE CONTACT ADDR LINE1:	18138 REDMOND WAY
SITE CONTACT ZIP:	REDMOND, WA 98052-5016
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-0661
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Tim Campbell
FORM CONTACT ADDR LINE1:	18138 Redmond Way
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5016
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-0661
FORM CONTACT EMAIL:	redmond@premier1.net
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	True
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	98638394
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD044595627
Facility Address 2:	Not reported
TAX REG NBR:	600417538
NAICS CD:	811121
BUSINESS TYPE:	Not reported
MAIL NAME:	Kens Redmond Auto Body Inc
MAIL ADDR LINE1:	18138 REDMOND WAY
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5016
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Kens Redmond Auto Body Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	18138 REDMOND WAY
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052-5016
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425-885-0661
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Tim Campbell
LAND ADDR LINE1:	18138 REDMOND WAY
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5016
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-0661
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18138 REDMOND WAY
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5016
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-0661
OPERATOR EFFECTIVE DATE:	1/1/2003
SITE CONTACT NAME:	Tim Campbell
SITE CONTACT ADDR LINE1:	18138 REDMOND WAY
SITE CONTACT ZIP:	REDMOND, WA 98052-5016
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-0661
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Tim Campbell
FORM CONTACT ADDR LINE1:	18138 Redmond Way
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5016
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-0661
FORM CONTACT EMAIL:	redmond@premier1.net
GEN STATUS CD:	SQG
MONTHLY GENERATION:	No

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

BATCH GENERATION:	Yes
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	Yes
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	98638394
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Site Location Information - Name change only of Site Address. Should be 18138 Redmond Way.
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD044595627
Facility Address 2:	Not reported
TAX REG NBR:	600417538
NAICS CD:	811121
BUSINESS TYPE:	Not reported
MAIL NAME:	Kens Redmond Auto Body Inc
MAIL ADDR LINE1:	18138 REDMOND WAY
MAIL CITY,ST,ZIP:	REDMOND, WA 98052-5016
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Kens Redmond Auto Body Inc
LEGAL ORG TYPE:	Private

KENS REDMOND AUTO BODY INC (Continued) **1000375695**

LEGAL ADDR LINE1:	18138 REDMOND WAY
LEGAL CITY,ST,ZIP:	REDMOND, WA 98052-5016
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	425-885-0661
LEGAL EFFECTIVE DATE:	5/2/1996
LAND ORG NAME:	Not reported
LAND ORG TYPE:	Private
LAND PERSON NAME:	Tim Campbell
LAND ADDR LINE1:	18138 REDMOND WAY
LAND CITY,ST,ZIP:	REDMOND, WA 98052-5016
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)885-0661
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18138 REDMOND WAY
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98052-5016
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)885-0661
OPERATOR EFFECTIVE DATE:	1/1/2003
SITE CONTACT NAME:	Tim Campbell
SITE CONTACT ADDR LINE1:	18138 REDMOND WAY
SITE CONTACT ZIP:	REDMOND, WA 98052-5016
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(425)885-0661
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Tim Campbell
FORM CONTACT ADDR LINE1:	18138 Redmond Way
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98052-5016
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)885-0661
FORM CONTACT EMAIL:	redmond@premier1.net
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	True
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access additional WA MANIFEST: detail in the EDR Site Report.

41
West
1/4-1/2
0.370 mi.
1953 ft.

LINDER ELECTRIC
7004 180TH AVE NE
REDMOND, WA 98052

ALLSITES **U003604688**
UST **N/A**

Relative:
Lower

Actual:
56 ft.

ALLSITES:

Facility Id:	43748223	
Latitude:	47.6675210	
Longitude:	-122.10167	
Geographic location identifier (alias facid):		43748223
Facility Name:		LINDER ELECTRIC
Latitude Decimal Degrees:		47.667521000000001
Longitude Decimal Degrees:		-122.101675
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	43748223
Site ID:	491241
Lat Deg:	47
Lat Min:	40
Lat Sec:	3.0756000000025097
Long Deg:	-122
Long Min:	6
Long Sec:	6.0300000000006548
UBI:	Not reported
Phone Number:	Not reported
Tank ID:	491246
Tank Name:	1
Install Date:	1/1/1900
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Closure in Process
TankSystem Status Change Date:	4/5/1999
Tank Status:	Closure in Process
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	12/10/1999
Tag Number:	Not reported

G42 **REDMOOR CORPORATION** **ALLSITES** **U000587660**
West **6848 180TH AVE NE** **UST** **N/A**
1/4-1/2 **REDMOND, WA 98073**
0.372 mi.
1965 ft. **Site 3 of 3 in cluster G**

Relative:
Lower

Actual:
53 ft.

ALLSITES:

Facility Id:	34738394	
Latitude:	47.6665709	
Longitude:	-122.10165	
Geographic location identifier (alias facid):		34738394
Facility Name:		REDMOOR CORPORATION
Latitude Decimal Degrees:		47.666570999999998
Longitude Decimal Degrees:		-122.10165000000001
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	34738394
Site ID:	2518
Lat Deg:	47
Lat Min:	39
Lat Sec:	59.655599999991296
Long Deg:	-122
Long Min:	6
Long Sec:	5.9400000000232467
UBI:	Not reported
Phone Number:	2068859416

Tank ID:	17994
Tank Name:	#1
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

REDMOOR CORPORATION (Continued) **U000587660**

Tank ID:	18069
Tank Name:	#3
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	18135
Tank Name:	#2
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

REDMOOR CORPORATION (Continued) **U000587660**

Tank ID:	18226
Tank Name:	#4
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

H43 **SAMMAMISH POINT GROCERY DELI** **ALLSITES** **U001126375**
WSW **18065 REDMOND WAY** **UST** **N/A**
1/4-1/2 **REDMOND, WA 98053**
0.373 mi.
1972 ft. **Site 4 of 4 in cluster H**

Relative:
Lower

Actual:
59 ft.

ALLSITES:

Facility Id:	22136395	
Latitude:	47.6915430	
Longitude:	-122.08114	
Geographic location identifier (alias facid):		22136395
Facility Name:		SAMMAMISH POINT GROCERY DELI
Latitude Decimal Degrees:		47.691543000000003
Longitude Decimal Degrees:		-122.08114999999999
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	22136395
Site ID:	10490
Lat Deg:	47
Lat Min:	41
Lat Sec:	29.554800000010459
Long Deg:	-122
Long Min:	4
Long Sec:	52.139999999977817

SAMMAMISH POINT GROCERY DELI (Continued) **U001126375**

UBI:	6004094320010002
Phone Number:	4258832234

Tank ID:	1228
Tank Name:	2
Install Date:	5/1/1976
Capacity:	5,000 to 9,999 Gallons
Tank Upgrade Date:	4/7/1998
TankSystem Status:	Operational
TankSystem Status Change Date:	8/26/1996
Tank Status:	Operational
Tank Permit Expiration Date:	7/31/2012
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Annual
Tank Actual Status Date:	8/6/1996
Tag Number:	A8196

Tank ID:	1315
Tank Name:	4
Install Date:	12/31/1964
Capacity:	5,000 to 9,999 Gallons
Tank Upgrade Date:	4/7/1998
TankSystem Status:	Operational
TankSystem Status Change Date:	8/26/1996
Tank Status:	Operational
Tank Permit Expiration Date:	7/31/2012
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Annual

SAMMAMISH POINT GROCERY DELI (Continued) **U001126375**

Tank Actual Status Date:	8/6/1996
Tag Number:	A8196

Tank ID:	1361
Tank Name:	3
Install Date:	12/31/1964
Capacity:	5,000 to 9,999 Gallons
Tank Upgrade Date:	4/7/1998
TankSystem Status:	Operational
TankSystem Status Change Date:	8/26/1996
Tank Status:	Operational
Tank Permit Expiration Date:	7/31/2012
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Annual
Tank Actual Status Date:	8/6/1996
Tag Number:	A8196

Tank ID:	1395
Tank Name:	5
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	8/13/1998
TankSystem Status:	Operational
TankSystem Status Change Date:	8/26/1996
Tank Status:	Operational
Tank Permit Expiration Date:	7/31/2012
Tank Closure Date:	1/1/0001
Tank Pumping System:	Other
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported

SAMMAMISH POINT GROCERY DELI (Continued) **U001126375**

Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A8196

Tank ID:	1404
Tank Name:	1
Install Date:	3/1/1982
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	4/7/1998
TankSystem Status:	Operational
TankSystem Status Change Date:	8/26/1996
Tank Status:	Operational
Tank Permit Expiration Date:	7/31/2012
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detection
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Tank Primary Release Detection:	Automatic Tank Gauging
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	A8196

44
WNW
1/4-1/2
0.377 mi.
1989 ft.

SHULTZ DISTRIBUTING PLANT **SPILLS** **U003025262**
7822 180TH AVE. NE **ICR** **N/A**
REDMOND, WA 98052 **FINANCIAL ASSURANCE**

Relative:
Lower

Actual:
51 ft.

SPILLS:

Facility ID:	524952
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	15
Material Units:	GALLON
Date Received:	3/7/2002
Contact Name:	CLIFFARD

ICR:

Date Ecology Received Report:	10/22/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-13
County Code:	17

SHULTZ DISTRIBUTING PLANT (Continued) **U003025262**

Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-10
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/13/98
Contaminants Found at Site: Non-haologenated solvents
Media Contaminated: Groundwater
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-07
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/19/98
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/29/95
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-15
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/08/92
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-15
County Code: 17
Contact: Not reported
Report Title: Not reported

SHULTZ DISTRIBUTING PLANT (Continued) **U003025262**

Date Ecology Received Report:	03/29/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-03
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/01/93
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-08
County Code:	17
Contact:	Not reported
Report Title:	Not reported

WA FINANCIAL ASSURANCE:

edr_fstat:	WA
edr_fzip:	98052
edr_fcnty:	Not reported
edr_zip:	Not reported
DOE Site ID:	10210
Site Type:	PLIA
Financial Resp Type:	Great American
Inception Date:	10/30/2011
Expiration Date:	10/30/2012

J45 **KING CNTY DPW CADMAN PIT** **FINDS** **1007066209**
NNE **19101 NE UNION HILL RD** **ALLSITES** **N/A**
1/4-1/2 **REDMOND, WA 98053** **UST**
0.384 mi.
2026 ft. **Site 1 of 4 in cluster J**

Relative:
Lower

Actual:
68 ft.

FINDS:

Registry ID: 110015427885

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

KING CNTY DPW CADMAN PIT (Continued) **1007066209**

ALLSITES:

Facility Id:	72631177	
Latitude:	47.6761550	
Longitude:	-122.08917	
Geographic location identifier (alias facid):		72631177
Facility Name:		KING CNTY DPW CADMAN PIT
Latitude Decimal Degrees:		47.676155000000001
Longitude Decimal Degrees:		-122.089178
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		7
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	72631177
Site ID:	6874
Lat Deg:	47
Lat Min:	40
Lat Sec:	34.158000000005018
Long Deg:	-122
Long Min:	5
Long Sec:	21.040800000014315
UBI:	Not reported
Phone Number:	2068686110
Tank ID:	12204
Tank Name:	7562
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported
Tank ID:	12321

KING CNTY DPW CADMAN PIT (Continued) **1007066209**

Tank Name:	7561
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	12390
Tank Name:	7563
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

J46 **STRAND HUNT REDMOND YARD** **RCRA-NonGen** **1001081998**
NNE **19340 NE 80TH ST** **FINDS** **WAR000005637**
1/4-1/2 **REDMOND, WA 98052** **ALLSITES**
0.386 mi.
2039 ft. **Site 2 of 4 in cluster J**

Relative:
Lower

Actual:
68 ft.

RCRA-NonGen:

Date form received by agency:	10/08/1998
Facility name:	STRAND HUNT REDMOND YARD
Facility address:	19340 NE 80TH ST REDMOND, WA 98052
EPA ID:	WAR000005637
Mailing address:	12015 115TH AVE NE STE 220 KIRKLAND, WA 98034-6925
Contact:	KAREN FREDERICKSON
Contact address:	12015 115TH AVE NE STE 220 KIRKLAND, WA 98034-6925
Contact country:	US
Contact telephone:	(425)823-1954
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROLLIE HUNT
Owner/operator address:	12015 115TH AVE NE STE 220 KIRKLAND, WA 98034
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/06/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110005402359

Environmental Interest/Information System

STRAND HUNT REDMOND YARD (Continued) **1001081998**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	33427698	
Latitude:	47.6763800	
Longitude:	-122.07217	
Geographic location identifier (alias facid):		33427698
Facility Name:		Strand Hunt Redmond Yard
Latitude Decimal Degrees:		47.676380000000002
Longitude Decimal Degrees:		-122.07217
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		99
Location Verified Code:		N

---

47 SW 1/4-1/2 0.391 mi. 2065 ft. **GOLDER ASSOC INC** **ALLSITES** **S109824498**
18366 REDMOND FALL CITY RD **MANIFEST** **N/A**
REDMOND, WA 98052

Relative: Lower

Actual: 97 ft.

ALLSITES:

Facility Id:	24536	
Latitude:	47.6620399	
Longitude:	-122.09598	
Geographic location identifier (alias facid):		24536
Facility Name:		GOLDER ASSOC INC
Latitude Decimal Degrees:		47.662039999999998
Longitude Decimal Degrees:		-122.09598
Coordinate Point Areal Extent Code:		0
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		8
Location Verified Code:		N
Geographic Location Identifier (Alias Facid):		24536
Interaction (Aka Env Int) Type Code:		HWG
Interaction (Aka Env Int) Description:		Hazardous Waste Generator
Interaction Status:		A
Federal Program Indentifier:		WAH000034992
Interaction Start Date:		06/05/2009
Interaction End Date:		Not reported
prgm_facil:		GOLDER ASSOC INC
cur_sys_pr:		HAZWASTE
cur_sys_nm:		TURBOWASTE

WA MANIFEST:

Facility Site ID Number:	24536
SWC Desc:	WT02, WSC, WSC2, WTO, WT02/WP01, WTOW/WP01, WP03,
FWC Desc:	D001 - High TOC Ignitable, D002 - Corrosive managed in non-CWA/non-CWA-equivalent/non Class I S

GOLDER ASSOC INC (Continued) **S109824498**

Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAH000034992
Facility Address 2:	Not reported
TAX REG NBR:	600101623
NAICS CD:	541620
BUSINESS TYPE:	Ground Services & Env Con
MAIL NAME:	Golder Associates Inc
MAIL ADDR LINE1:	18300 NE Union Hill Rd Ste 200
MAIL CITY,ST,ZIP:	Redmond, WA 98052
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Golder Associates Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	18300 NE Union Hill Rd Ste 200
LEGAL CITY,ST,ZIP:	Redmond, WA 98052
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)883-0777
LEGAL EFFECTIVE DATE:	1/1/1991
LAND ORG NAME:	Rosen Properties
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 5003
LAND CITY,ST,ZIP:	Bellevue, WA 98004
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)454-6611
OPERATOR ORG NAME:	Golder Associates Inc
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	18300 NE Union Hill Rd
OPERATOR CITY,ST,ZIP:	Redmond, WA 98052
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(425)883-0777
OPERATOR EFFECTIVE DATE:	1/1/1991

GOLDER ASSOC INC (Continued) **S109824498**

SITE CONTACT NAME:	Todd Morris
SITE CONTACT ADDR LINE1:	18366 Redmond Fall City Rd
SITE CONTACT ZIP:	Redmond, WA 98052
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(206)619-9909
SITE CONTACT EMAIL:	tmorris@golder.com
FORM CONTACT NAME:	Amanda Cote
FORM CONTACT ADDR LINE1:	18300 NE Union Hill Rd Ste 200
FORM CONTACT CITY,ST,ZIP:	Redmond, WA 98052
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425)883-0777 2125
FORM CONTACT EMAIL:	acote@golder.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

J48 **OLYMPIAN PRECAST INC** **RCRA-NonGen** **1000474066**
NNE **19150 UNION HILL RD** **FINDS** **WAD988481511**
1/4-1/2 **REDMOND, WA 98053** **ICR**
0.393 mi.
2077 ft. **Site 3 of 4 in cluster J**

Relative:
Lower

Actual:
68 ft.

RCRA-NonGen:

Date form received by agency:	09/01/1993
Facility name:	OLYMPIAN PRECAST INC
Facility address:	19150 UNION HILL RD REDMOND, WA 980530539
EPA ID:	WAD988481511
Mailing address:	PO BOX 539 REDMOND, WA 980730539
Contact:	JUDITH JEWELL
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(206) 868-1922
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OLYMPIAN PRECAST INC
Owner/operator address:	PO BOX 539

OLYMPIAN PRECAST INC (Continued) **1000474066**

REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/04/1992
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/04/1992
Facility name: OLYMPIAN PRECAST INC
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/06/1991
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005357416

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

OLYMPIAN PRECAST INC (Continued) **1000474066**

corrective action activities required under RCRA.

ICR:

Date Ecology Received Report:	12/31/90
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Spill, Tank, Drum
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	91-24
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	04/15/91
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Spill, Tank, Drum
Region:	North Western
Type of Report Ecology Received:	Not reported
Site Register Issue:	91-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported

J49 **OLYMPIAN PRECAST INC** **CSCSL** **S105922725**
NNE **19150 NE UNION HILL RD** **ALLSITES** **N/A**
1/4-1/2 **REDMOND, WA 98053** **NPDES**
0.393 mi.
2077 ft. **Site 4 of 4 in cluster J**

Relative:
Lower

Actual:
68 ft.

CSCSL:

Facility ID:	2327
Region:	Northwest
Lat/Long:	47.675420000000 / -122.08503
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	1886
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum Products - unspecified
Ground Water:	C
Surface Water:	S
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

ALLSITES:

Facility Id:	2327	
Latitude:	47.6754200	
Longitude:	-122.08503	
Geographic location identifier (alias facid):		2327
Facility Name:		OLYMPIAN PRECAST INC
Latitude Decimal Degrees:		47.675420000000003

OLYMPIAN PRECAST INC (Continued) **S105922725**

Longitude Decimal Degrees:	-122.08503
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N
Geographic Location Identifier (Alias Facid):	2327
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD988481511
Interaction Start Date:	01/07/1991
Interaction End Date:	12/31/1991
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Geographic Location Identifier (Alias Facid):	2327
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD988481511
Interaction Start Date:	01/01/1994
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Geographic Location Identifier (Alias Facid):	2327
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	6479
Interaction Start Date:	02/29/2000
Interaction End Date:	05/03/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Geographic Location Identifier (Alias Facid):	2327
Interaction (Aka Env Int) Type Code:	INDPNDNT
Interaction (Aka Env Int) Description:	Independent Cleanup
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/1900
Interaction End Date:	Not reported
prgm_facil:	OLYMPIAN PRECAST INC
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Geographic Location Identifier (Alias Facid):	2327
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	ST0007280
Interaction Start Date:	06/29/1990
Interaction End Date:	Not reported

OLYMPIAN PRECAST INC (Continued) **S105922725**

prgm_facil: OLYMPIAN PRECAST INC
cur_sys_pr: WATQUAL
cur_sys_nm: PARIS

NPDES:
Facility Status: Active
Facility Type: Industrial to ground SWDP IP
Admin Region: Northwest
Latitude: 47.67542
Longitude: -122.08503
Permit ID: ST0007280
Permit Version: 4
Permit Status: Active
Permit SubStatus: Renewed
Ecology Contact: Jeanne Tran
WRIA: Cedar-Sammamish
Permit Expiration Date: 06/28/2012
Effective Date: 07/01/2007

K50 **SUNBELT RENTALS INC REDMOND** **ALLSITES** **U003026550**
West **17950 REDMOND WAY** **LUST** **N/A**
1/4-1/2 **REDMOND, WA 98052** **UST**
0.407 mi.
2148 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
52 ft.

ALLSITES:
Facility Id: 58128821
Latitude: 47.6671604
Longitude: -122.10056
Geographic location identifier (alias facid): 58128821
Facility Name: Sunbelt Rentals Inc Redmond
Latitude Decimal Degrees: 47.667160475899998
Longitude Decimal Degrees: -122.10056683400001
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 6
Coordinate Point Geographic Position Code: 8
Location Verified Code: Not reported

LUST:
FS ID: 58128821
Cleanup Site ID: 9794
Cleanup Unit Type: Upland
Process Type: Independent Action
Facility Status: Cleanup Started
Alternate Name: TWIN PEAKS EQUIPMENT
Release Notification Date: Not reported
Release Status Date: 11/20/1999
Site Response Unit Code: Northwest
Lat/Long: 47.6671604 / -122.10056

FS ID: 58128821
Cleanup Site ID: 9794
Cleanup Unit Type: Upland
Process Type: Independent Action
Facility Status: Awaiting Cleanup

SUNBELT RENTALS INC REDMOND (Continued) **U003026550**

Alternate Name: TWIN PEAKS EQUIPMENT
Release Notification Date: Not reported
Release Status Date: 11/19/1999
Site Response Unit Code: Northwest
Lat/Long: 47.6671604 / -122.10056

UST:
Facility ID: 58128821
Site ID: 3213
Lat Deg: Not reported
Lat Min: Not reported
Lat Sec: Not reported
Long Deg: Not reported
Long Min: Not reported
Long Sec: Not reported
UBI: 6005190660010001
Phone Number: 4258813359

Tank ID: 12162
Tank Name: A-DIESEL
Install Date: 1/1/1982
Capacity: 2,001 to 4,999 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 4/20/2000
Tank Status: Removed
Tank Permit Expiration Date: 2/28/2000
Tank Closure Date: 1/1/0001
Tank Pumping System: Suction System Tank Check Valve
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: None
Pipe Material: Not reported
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: None
Tank Primary Release Detection: Manual Inventory Control (daily)
Tank Second Release Detection: Not reported
Pipe Tightness Test: Every 3 Years (suction tank check valve)
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

Tank ID: 23557
Tank Name: B-KEROSENE
Install Date: 1/1/1982
Capacity: 2,001 to 4,999 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 4/20/2000
Tank Status: Removed
Tank Permit Expiration Date: 2/28/2000
Tank Closure Date: 1/1/0001

SUNBELT RENTALS INC REDMOND (Continued) **U003026550**

Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Tank Primary Release Detection:	Manual Inventory Control (daily)
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	35362
Tank Name:	C-UNLEADED
Install Date:	1/1/1982
Capacity:	2,001 to 4,999 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	4/20/2000
Tank Status:	Removed
Tank Permit Expiration Date:	2/28/2000
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Tank Primary Release Detection:	Manual Inventory Control (daily)
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

L51 **CADMAN REDMOND** **RCRA-NonGen** **1000885192**
North **18816 NE 80TH ST** **ALLSITES** **WAD006869887**
1/4-1/2 **REDMOND, WA 98052** **CSCSL NFA**
0.412 mi. **UST**
2174 ft. **Site 1 of 4 in cluster L** **MANIFEST**
NPDES

Relative:
Lower

Actual:
67 ft.

RCRA-NonGen:

Date form received by agency:	02/22/2010
Facility name:	CADMAN REDMOND
Facility address:	18816 NE 80TH ST

CADMAN REDMOND (Continued) **1000885192**

REDMOND, WA 98052
EPA ID: WAD006869887
Mailing address: PO BOX 97038
REDMOND, WA 98073
Contact: MAX AGOFF
Contact address: PO BOX 97038
REDMOND, WA 98073
Contact country: US
Contact telephone: (425) 961-7280
Contact email: MAGOFF@CADMAN.COM
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CADMAN INC
Owner/operator address: PO BOX 97038
REDMOND, 98073
Owner/operator country: US
Owner/operator telephone: (425)867-1234 3
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/04/1996
Owner/Op end date: Not reported

Owner/operator name: CADMAN GRAVEL CO
Owner/operator address: PO BOX 97038
REDMOND, 98073
Owner/operator country: US
Owner/operator telephone: 425-867-1234
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/15/2008
Facility name: CADMAN REDMOND

CADMAN REDMOND (Continued) **1000885192**

Classification: Not a generator, verified

Date form received by agency: 12/31/2007
Facility name: CADMAN REDMOND
Classification: Not a generator, verified

Date form received by agency: 12/31/2005
Facility name: CADMAN REDMOND
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Facility name: CADMAN REDMOND
Classification: Not a generator, verified

Date form received by agency: 03/01/1996
Facility name: CADMAN REDMOND
Site name: CADMAN INC (REDMOND)
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/05/1991
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ALLSITES:
Facility Id: 4791249
Latitude: 47.6766989
Longitude: -122.08873
Geographic location identifier (alias facid): 4791249
Facility Name: LAKESIDE INDUSTRIES REDMOND
Latitude Decimal Degrees: 47.676698999999999
Longitude Decimal Degrees: -122.088735
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: N

Facility Id: 9244371
Latitude: 47.6749239
Longitude: -122.08663
Geographic location identifier (alias facid): 9244371
Facility Name: Red E Topsoil & Landscaping
Latitude Decimal Degrees: 47.674923949700002
Longitude Decimal Degrees: -122.086632419
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 99
Location Verified Code: N

Facility Id: 1591411
Latitude: 47.6751

CADMAN REDMOND (Continued) **1000885192**

Longitude:	-122.08540
Geographic location identifier (alias facid):	1591411
Facility Name:	Cadman Redmond
Latitude Decimal Degrees:	47.6751
Longitude Decimal Degrees:	-122.08540000000001
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	8
Location Verified Code:	Y

CSCSL NFA:

Facility/Site Id:	1591411
CS Id:	7430
NFA Type:	NFA-II
NFA Date:	10/03/2011
Rank:	Not reported

UST:

Facility ID:	1591411
Site ID:	3984
Lat Deg:	47
Lat Min:	40
Lat Sec:	30.360000000001719
Long Deg:	-122
Long Min:	5
Long Sec:	7.440000000025293
UBI:	1760000990010001
Phone Number:	4258671234

Tank ID:	42466
Tank Name:	6
Install Date:	1/1/1978
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Closed in Place
TankSystem Status Change Date:	3/24/1999
Tank Status:	Closed in Place
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Other
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996

CADMAN REDMOND (Continued) **1000885192**

Tag Number:	Not reported

Tank ID:	42506
Tank Name:	2
Install Date:	1/1/1973
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	3/24/1999
Tank Status:	Removed
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42531
Tank Name:	4
Install Date:	1/1/1978
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	3/24/1999
Tank Status:	Removed
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)

CADMAN REDMOND (Continued) **1000885192**

Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42557
Tank Name:	8
Install Date:	1/1/1978
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Closed in Place
TankSystem Status Change Date:	3/24/1999
Tank Status:	Closed in Place
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Other
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42572
Tank Name:	3
Install Date:	1/1/1978
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	3/24/1999
Tank Status:	Removed
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported

CADMAN REDMOND (Continued) **1000885192**

Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42597
Tank Name:	7
Install Date:	1/1/1978
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Closed in Place
TankSystem Status Change Date:	3/24/1999
Tank Status:	Closed in Place
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Other
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42602
Tank Name:	1
Install Date:	1/1/1973
Capacity:	1,101 to 2,000 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Exempt
TankSystem Status Change Date:	8/26/1996
Tank Status:	Exempt
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Other
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Tank Primary Release Detection:	Not reported

CADMAN REDMOND (Continued) **1000885192**

Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42622
Tank Name:	9
Install Date:	1/1/1978
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	3/24/1999
Tank Status:	Removed
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Every 3 Years (suction tank check valve)
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	42634
Tank Name:	5
Install Date:	1/1/1978
Capacity:	10,000 to 19,999 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	3/24/1999
Tank Status:	Removed
Tank Permit Expiration Date:	3/31/1999
Tank Closure Date:	1/1/0001
Tank Pumping System:	Suction System Tank Check Valve
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Other
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode

CADMAN REDMOND (Continued) **1000885192**

Tank Primary Release Detection: Not reported
Tank Second Release Detection: Not reported
Pipe Tightness Test: Every 3 Years (suction tank check valve)
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

WA MANIFEST:
Facility Site ID Number: 1591411
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD006869887
Facility Address 2: Not reported
TAX REG NBR: 601139656
NAICS CD: 327320
BUSINESS TYPE: Not reported
MAIL NAME: Cadman Inc
MAIL ADDR LINE1: PO Box 97038
MAIL CITY,ST,ZIP: REDMOND, WA 98073
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Cadman Inc
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO Box 97038
LEGAL CITY,ST,ZIP: REDMOND, WA 98073
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (425)867-1234 328
LEGAL EFFECTIVE DATE: 5/4/1996
LAND ORG NAME: Cadman Inc
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: PO Box 97038

CADMAN REDMOND (Continued) **1000885192**

LAND CITY,ST,ZIP:	REDMOND, WA 98073
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)867-1234 311
OPERATOR ORG NAME:	CADMAN GRAVEL CO
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 97038
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9738
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	425-867-1234
OPERATOR EFFECTIVE DATE:	1/1/1997
SITE CONTACT NAME:	Steve Whitescarver
SITE CONTACT ADDR LINE1:	PO BOX 97038
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425-961-7150
SITE CONTACT EMAIL:	swhitescarver@cadman.com
FORM CONTACT NAME:	Eric Thompson
FORM CONTACT ADDR LINE1:	PO BOX 97038
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 961-7356
FORM CONTACT EMAIL:	ethompson@cadman.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	1591411
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False

CADMAN REDMOND (Continued) **1000885192**

Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD006869887
Facility Address 2:	Not reported
TAX REG NBR:	601139656
NAICS CD:	327320
BUSINESS TYPE:	Not reported
MAIL NAME:	Cadman Inc
MAIL ADDR LINE1:	PO Box 97038
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Cadman Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 97038
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)867-1234 328
LEGAL EFFECTIVE DATE:	5/4/1996
LAND ORG NAME:	Cadman Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 97038
LAND CITY,ST,ZIP:	REDMOND, WA 98073
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)867-1234 311
OPERATOR ORG NAME:	CADMAN GRAVEL CO
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 97038
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9738
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	425-867-1234
OPERATOR EFFECTIVE DATE:	1/1/1997
SITE CONTACT NAME:	Max Agoff
SITE CONTACT ADDR LINE1:	PO BOX 97038
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425-961-7280
SITE CONTACT EMAIL:	magoff@cadman.com
FORM CONTACT NAME:	Eric Thompson
FORM CONTACT ADDR LINE1:	PO BOX 97038
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 961-7356
FORM CONTACT EMAIL:	ethompson@cadman.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False

CADMAN REDMOND (Continued) **1000885192**

ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	1591411
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD006869887
Facility Address 2:	Not reported
TAX REG NBR:	601139656
NAICS CD:	32732
BUSINESS TYPE:	Not reported
MAIL NAME:	Cadman Inc
MAIL ADDR LINE1:	PO Box 97038
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Cadman Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 97038
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073

CADMAN REDMOND (Continued) **1000885192**

LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)867-1234 328
LEGAL EFFECTIVE DATE:	5/4/1996
LAND ORG NAME:	Cadman Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 97038
LAND CITY,ST,ZIP:	REDMOND, WA 98073
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)867-1234 311
OPERATOR ORG NAME:	CADMAN GRAVEL CO
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 97038
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9738
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	425-867-1234
OPERATOR EFFECTIVE DATE:	1/1/1997
SITE CONTACT NAME:	Brad Smith
SITE CONTACT ADDR LINE1:	PO BOX 97038
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425-313-1000
SITE CONTACT EMAIL:	bsmith@cadman.com
FORM CONTACT NAME:	Kyle Nelson
FORM CONTACT ADDR LINE1:	PO BOX 97038
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425867-1234 311
FORM CONTACT EMAIL:	knelson@cadman.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	No
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	1591411
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

CADMAN REDMOND (Continued) **1000885192**

Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD006869887
Facility Address 2:	Not reported
TAX REG NBR:	601139656
NAICS CD:	32732
BUSINESS TYPE:	Not reported
MAIL NAME:	Cadman Inc
MAIL ADDR LINE1:	PO Box 97038
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Cadman Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 97038
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)867-1234 328
LEGAL EFFECTIVE DATE:	5/4/1996
LAND ORG NAME:	Cadman Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 97038
LAND CITY,ST,ZIP:	REDMOND, WA 98073
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)867-1234 311
OPERATOR ORG NAME:	CADMAN GRAVEL CO
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 97038
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9738
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	425-867-1234
OPERATOR EFFECTIVE DATE:	1/1/1997
SITE CONTACT NAME:	Brad Smith
SITE CONTACT ADDR LINE1:	PO BOX 97038
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425-313-1000
SITE CONTACT EMAIL:	bsmith@cadman.com
FORM CONTACT NAME:	J. Deonna Jernigan
FORM CONTACT ADDR LINE1:	PO BOX 97038

CADMAN REDMOND (Continued) **1000885192**

FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(425) 961-7356
FORM CONTACT EMAIL:	knelson@cadman.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	1591411
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD006869887
Facility Address 2:	Not reported
TAX REG NBR:	601139656
NAICS CD:	32732
BUSINESS TYPE:	Not reported
MAIL NAME:	Cadman Inc

CADMAN REDMOND (Continued) **1000885192**

MAIL ADDR LINE1:	PO Box 97038
MAIL CITY,ST,ZIP:	REDMOND, WA 98073
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Cadman Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 97038
LEGAL CITY,ST,ZIP:	REDMOND, WA 98073
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(425)867-1234 328
LEGAL EFFECTIVE DATE:	5/4/1996
LAND ORG NAME:	Cadman Inc
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 97038
LAND CITY,ST,ZIP:	REDMOND, WA 98073
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)867-1234 311
OPERATOR ORG NAME:	CADMAN GRAVEL CO
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 97038
OPERATOR CITY,ST,ZIP:	REDMOND, WA 98073-9738
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	425-867-1234
OPERATOR EFFECTIVE DATE:	1/1/1997
SITE CONTACT NAME:	Brad Smith
SITE CONTACT ADDR LINE1:	PO BOX 97038
SITE CONTACT ZIP:	REDMOND, WA 98073
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	425-313-1000
SITE CONTACT EMAIL:	bsmith@cadman.com
FORM CONTACT NAME:	Kyle Nelson
FORM CONTACT ADDR LINE1:	PO BOX 97038
FORM CONTACT CITY,ST,ZIP:	REDMOND, WA 98073
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	425867-1234 311
FORM CONTACT EMAIL:	knelson@cadman.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	FALSE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

CADMAN REDMOND (Continued) **1000885192**

NPDES:

Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Northwest
Latitude:	47.6751
Longitude:	-122.0854
Permit ID:	WAG503111
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Jerry Shervey
WRIA:	Cedar-Sammamish
Permit Expiration Date:	10/01/2015
Effective Date:	10/01/2010

L52 **CADMAN, INC.** **ICR** **U003026798**
North **18816 NE 80TH** **N/A**
1/4-1/2 **REDMOND, WA 98052**
0.412 mi.
2174 ft. **Site 2 of 4 in cluster L**

Relative:
Lower

Actual:
67 ft.

ICR:

Date Ecology Received Report:	12/08/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-15
County Code:	17
Contact:	Not reported
Report Title:	Not reported

L53 **CADMAN INC.** **ICR** **S104783001**
North **18816 NE 80TH** **N/A**
1/4-1/2 **REDMOND, WA 98052**
0.412 mi.
2174 ft. **Site 3 of 4 in cluster L**

Relative:
Lower

Actual:
67 ft.

ICR:

Date Ecology Received Report:	04/02/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-30
County Code:	17
Contact:	Not reported
Report Title:	Interim TPH Policy Report

L54 **CADMAN INC. - REDMOND PIT** **SWF/LF** **S108108086**
North **18816 NE 80TH ST.** **N/A**
1/4-1/2 **REDMOND, WA 98052**
0.412 mi.
2174 ft. **Site 4 of 4 in cluster L**

Relative:
Lower

Actual:
67 ft.

SWF/LF:

Facility ID:	1748
Region:	STATE
Permit Status:	EXEMPT
Date Closed:	Not reported
Contact Organization:	CADMAN BLACK DIAMOND INC
Contact Address1:	PO BOX 97038
Contact Address2:	Not reported
Contact City:	REDMOND
Contact State:	WA
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	425-867-1234
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	425-867-1234
Operator Name:	Not reported
Operator Organization:	Not reported
EMail:	Not reported
Recycle Survey Code:	7115
Ownership:	PRIVATE
Type:	RECYCLE FACILITY
Contact Name:	Not reported
Contact Title:	REG COMPLIANCE SPECIALIST
Activity1:	RECYCLING (EXEMPT)

M55 **WATSON ASPHALT PAVING CO INC** **ALLSITES** **S109552499**
NE **19220 UNION HILL RD** **NPDES** **N/A**
1/4-1/2 **REDMOND, WA 98053**
0.415 mi.
2192 ft. **Site 1 of 4 in cluster M**

Relative:
Lower

Actual:
67 ft.

ALLSITES:

Facility Id:	328819	
Latitude:	47.6754249	
Longitude:	-122.08401	
Geographic location identifier (alias facid):		328819
Facility Name:		WATSON ASPHALT PAVING CO INC
Latitude Decimal Degrees:		47.675424999999997
Longitude Decimal Degrees:		-122.084011
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		8
Location Verified Code:		Not reported
Geographic Location Identifier (Alias Facid):		328819
Interaction (Aka Env Int) Type Code:		RECYCLE
Interaction (Aka Env Int) Description:		Recycling
Interaction Status:		A
Federal Program Indentifier:		Not reported
Interaction Start Date:		01/01/1967
Interaction End Date:		Not reported
prgm_facil:		Watson Asphalt Paving Co Inc
cur_sys_pr:		W2R

WATSON ASPHALT PAVING CO INC (Continued) **S109552499**

cur_sys_nm:	SWFD
Geographic Location Identifier (Alias Facid):	328819
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	05/14/2009
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	WATQUAL
cur_sys_nm:	DMS
Geographic Location Identifier (Alias Facid):	328819
Interaction (Aka Env Int) Type Code:	SANDGP
Interaction (Aka Env Int) Description:	Sand and Gravel GP
Interaction Status:	A
Federal Program Indentifier:	WAG503043
Interaction Start Date:	10/21/1994
Interaction End Date:	Not reported
prgm_facil:	WATSON ASPHALT PAVING CO INC
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

NPDES:

Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Northwest
Latitude:	47.675425
Longitude:	-122.084011
Permit ID:	WAG503043
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Jerry Shervey
WRIA:	Cedar-Sammamish
Permit Expiration Date:	10/01/2015
Effective Date:	10/01/2010

M56 **WATSON ASPHALT PAVING CO INC** **SWF/LF** **S108108291**
NE **19220 NE 80TH ST** **N/A**
1/4-1/2 **REDMOND, WA 98053**
0.415 mi.
2192 ft. **Site 2 of 4 in cluster M**

Relative:
Lower

Actual:
67 ft.

SWF/LF:

Facility ID:	1141
Region:	STATE
Permit Status:	EXEMPT
Date Closed:	Not reported
Contact Organization:	WATSON ASPHALT PAVING CO INC
Contact Address1:	PO BOX 845
Contact Address2:	Not reported
Contact City:	REDMOND
Contact State:	WA
Contact Postal:	98073

WATSON ASPHALT PAVING CO INC (Continued) **S108108291**

Contact EMail:	PSCHROEDER@WATSONASPHALT.COM
Contact Phone:	425-868-4377
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	425-868-4377
Operator Name:	Not reported
Operator Organization:	Not reported
EMail:	pschroeder@watsonasphalt.com
Recycle Survey Code:	1538
Ownership:	PRIVATE
Type:	RECYCLE FACILITY
Contact Name:	PETE SCHROEDER
Contact Title:	SECRETARY/TREASURER
Activity1:	RECYCLING (EXEMPT)

M57 **SCHROEDER & SONS** **ALLSITES** **U000593263**
NE **19222 NE 80TH** **UST** **N/A**
1/4-1/2 **REDMOND, WA 98053**
0.416 mi.
2196 ft. **Site 3 of 4 in cluster M**

Relative:
Lower

Actual:
67 ft.

ALLSITES:

Facility Id:	64684783	
Latitude:	47.675182	
Longitude:	-122.08551	
Geographic location identifier (alias facid):		64684783
Facility Name:		SCHROEDER & SONS
Latitude Decimal Degrees:		47.675182
Longitude Decimal Degrees:		-122.085511
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	64684783
Site ID:	8893
Lat Deg:	47
Lat Min:	40
Lat Sec:	30.655199999998217
Long Deg:	-122
Long Min:	5
Long Sec:	7.8395999999884225
UBI:	Not reported
Phone Number:	2068684377
Tank ID:	38425
Tank Name:	2
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001

SCHROEDER & SONS (Continued) **U000593263**

Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	38464
Tank Name:	1
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	38497
Tank Name:	3
Install Date:	12/31/1964
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001

SCHROEDER & SONS (Continued) **U000593263**

Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

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58 **SE REDMOND REGIONAL STORMWATER** **ALLSITES** **S110626222**
North **18655 NE UNION HILL ROAD** **N/A**
1/4-1/2 **REDMOND, WA 98052**
0.419 mi.
2210 ft.

Relative:
Lower

Actual:
67 ft.

ALLSITES:

Facility Id:	2953	
Latitude:	47.6760532	
Longitude:	-122.08973	
Geographic location identifier (alias facid):		2953
Facility Name:		SE Redmond Regional Stormwater
Latitude Decimal Degrees:		47.6760532009
Longitude Decimal Degrees:		-122.089733366
Coordinate Point Areal Extent Code:		0
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		8
Location Verified Code:		Not reported
Geographic Location Identifier (Alias Facid):		2953
Interaction (Aka Env Int) Type Code:		CONSTGP
Interaction (Aka Env Int) Description:		Construction SW GP
Interaction Status:		A
Federal Program Indentifier:		WAR012514
Interaction Start Date:		06/14/2010
Interaction End Date:		Not reported
prgm_facil:		SE Redmond Regional Stormwater
cur_sys_pr:		WATQUAL
cur_sys_nm:		PARIS

M59 **GOLDEN RULE & B&J ROOFING** **ALLSITES** **U003025492**
NE **19205 NE 80TH** **UST** **N/A**
1/4-1/2 **REDMOND, WA 98053**
0.420 mi.
2218 ft. **Site 4 of 4 in cluster M**

Relative:
Lower

Actual:
67 ft.

ALLSITES:

Facility Id:	46792516	
Latitude:	47.6749599	
Longitude:	-122.08584	
Geographic location identifier (alias facid):		46792516
Facility Name:		GOLDEN RULE & B&J ROOFING
Latitude Decimal Degrees:		47.674959999999999
Longitude Decimal Degrees:		-122.08584399999999
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	46792516
Site ID:	11042
Lat Deg:	47
Lat Min:	40
Lat Sec:	29.85599999999522
Long Deg:	-122
Long Min:	5
Long Sec:	9.038399999980129
UBI:	Not reported
Phone Number:	2068681818
Tank ID:	5863
Tank Name:	#1
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

N60
West
1/4-1/2
0.425 mi.
2244 ft.

HOME DEPOT 4723
17777 NE 76TH ST
REDMOND, WA 98052

Site 1 of 2 in cluster N

RCRA-SQG
ALLSITES

1010337798
WAH000024236

Relative:
Lower

Actual:
51 ft.

RCRA-SQG:

Date form received by agency:	03/05/2010
Facility name:	HOME DEPOT 4723
Facility address:	17777 NE 76TH ST REDMOND, WA 98052
EPA ID:	WAH000024236
Mailing address:	5151 SAN FELIPE ST, SUITE 1600 HOUSTON, TX 77056
Contact:	JORGE GOMEZ
Contact address:	5151 SAN FELIPE ST, SUITE 1600 HOUSTON, TX 77056
Contact country:	US
Contact telephone:	(713) 625-7015
Contact email:	JGOMEZ2@PSCNOW.COM
EPA Region:	10
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	THE HOME DEPOT USA
Owner/operator address:	2455 PACES FERRY RD ATLANTA, GA 30339
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/25/2002
Owner/Op end date:	Not reported

Owner/operator name:	THE HOME DEPOT USA
Owner/operator address:	2455 PACES FERRY RD ATLANTA, CA 30339
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/25/2002
Owner/Op end date:	Not reported

Owner/operator name:	THE HOME DEPOT USA
Owner/operator address:	2455 PACES FERRY RD ATLANTA, 30339
Owner/operator country:	US
Owner/operator telephone:	(770)433-8211
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/25/2002
Owner/Op end date:	Not reported

HOME DEPOT 4723 (Continued) **1010337798**

Owner/operator name: THE HOME DEPOT USA
Owner/operator address: 2455 PACES FERRY RD
ATLANTA, 30339
Owner/operator country: US
Owner/operator telephone: (770)433-8211
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/25/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/17/2008
Facility name: HOME DEPOT 4723
Classification: Small Quantity Generator

Date form received by agency: 12/31/2007
Facility name: HOME DEPOT 4723
Classification: Small Quantity Generator

Date form received by agency: 12/31/2005
Facility name: HOME DEPOT 4723
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

HOME DEPOT 4723 (Continued) **1010337798**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D016
Waste name: 2,4-D

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

ALLSITES:
Facility Id: 5672743
Latitude: 47.6712630
Longitude: -122.10139
Geographic location identifier (alias facid): 5672743
Facility Name: Home Depot 4723
Latitude Decimal Degrees: 47.671263000000003
Longitude Decimal Degrees: -122.101393
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: Not reported

N61
West
1/4-1/2
0.425 mi.
2244 ft.

HOME DEPOT 4723 **ALLSITES** **S107672276**
17777 NE 76TH ST **MANIFEST** **N/A**
REDMOND, WA 98052 **NPDES**

Site 2 of 2 in cluster N

Relative:
Lower

Actual:
51 ft.

ALLSITES:
Facility Id: 6763
Latitude: 47.6696858
Longitude: -122.10222

WA MANIFEST:
Facility Site ID Number: 5672743
SWC Desc: Not reported
FWC Desc: D001- Ignitable, D002- Corrosive, D005- Cadmium, D006-Barium, D007- Chromium, D008-Lead, D009-

HOME DEPOT 4723 (Continued) **S107672276**

Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAH000024236
Facility Address 2:	Not reported
TAX REG NBR:	581853319
NAICS CD:	444110
BUSINESS TYPE:	Home Center
MAIL NAME:	The Home Depot 4723
MAIL ADDR LINE1:	5151 San Felipe St, Suite 1600
MAIL CITY,ST,ZIP:	Houston, TX 77056
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	The Home Depot USA
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2455 Paces Ferry Rd
LEGAL CITY,ST,ZIP:	Atlanta, GA 30339
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(770)433-8211
LEGAL EFFECTIVE DATE:	7/25/2002
LAND ORG NAME:	The Home Depot USA
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	2455 Paces Ferry Rd
LAND CITY,ST,ZIP:	Atlanta, GA 30339
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(770)433-8211
OPERATOR ORG NAME:	The Home Depot USA
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	2455 Paces Ferry Rd
OPERATOR CITY,ST,ZIP:	Atlanta, CA 30339
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(770)433-8211
OPERATOR EFFECTIVE DATE:	7/25/2002

HOME DEPOT 4723 (Continued) **S107672276**

SITE CONTACT NAME:	Jorge Gomez
SITE CONTACT ADDR LINE1:	5151 San Felipe St, Suite 1600
SITE CONTACT ZIP:	Houston, TX 77056
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	713-625-7015
SITE CONTACT EMAIL:	jgomez2@pscnow.com
FORM CONTACT NAME:	Jorge Gomez
FORM CONTACT ADDR LINE1:	5151 San Felipe St, Suite 1600
FORM CONTACT CITY,ST,ZIP:	Houston, TX 77056
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	713-625-7015
FORM CONTACT EMAIL:	jgomez2@pscnow.com
GEN STATUS CD:	MQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	5672743
SWC Desc:	Not reported
FWC Desc:	D001, D005, D006, D007, D008, D009, D0011, D013, D016, D18, D035D001 D002 D009 D016 D035
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE

HOME DEPOT 4723 (Continued) **S107672276**

Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAH000024236
Facility Address 2:	Not reported
TAX REG NBR:	581853319
NAICS CD:	44411
BUSINESS TYPE:	Home Center
MAIL NAME:	The Home Depot 4723
MAIL ADDR LINE1:	1905 Aston Ave
MAIL CITY,ST,ZIP:	Carlsbad, WA 92008
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	The Home Depot USA
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2455 Paces Ferry Rd
LEGAL CITY,ST,ZIP:	Atlanta, GA 30339
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(770)433-8211
LEGAL EFFECTIVE DATE:	7/25/2002
LAND ORG NAME:	The Home Depot USA
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	2455 Paces Ferry Rd
LAND CITY,ST,ZIP:	Atlanta, GA 30339
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(770)433-8211
OPERATOR ORG NAME:	The Home Depot USA
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	2455 Paces Ferry Rd
OPERATOR CITY,ST,ZIP:	Atlanta, CA 30339
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(770)433-8211
OPERATOR EFFECTIVE DATE:	7/25/2002
SITE CONTACT NAME:	Melanie Koske
SITE CONTACT ADDR LINE1:	1905 Aston Ave
SITE CONTACT ADDR LINE2:	Ste 100
SITE CONTACT ZIP:	Carlsbad, CA 92008
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(760)602-8700,ext 7486
SITE CONTACT EMAIL:	MKOSKE@3ECOMPANY.COM
FORM CONTACT NAME:	Melanie Koske
FORM CONTACT ADDR LINE1:	1905 Aston Ave
FORM CONTACT ADDR LINE2:	Ste 100
FORM CONTACT CITY,ST,ZIP:	Carlsbad, CA 92008
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(760)602-8700,ext 7486
FORM CONTACT EMAIL:	MKOSKE@3ECOMPANY.COM
GEN STATUS CD:	MQG
MONTHLY GENERATION:	TRUE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE

HOME DEPOT 4723 (Continued) **S107672276**

USED OIL TRANSFER FACLTY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

Facility Site ID Number: 5672743
SWC Desc: Not reported
FWC Desc: D001- Ignitable, D002- Corrosive, D005- Cadmium, D006-Barium, D007- Chromium, D008-Lead, D009-
Form Comm: Not reported
Data Year: 2009
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAH000024236
Facility Address 2: Not reported
TAX REG NBR: 581853319
NAICS CD: 444110
BUSINESS TYPE: Home Center
MAIL NAME: The Home Depot 4723
MAIL ADDR LINE1: 5151 San Felipe St, Suite 1600
MAIL CITY,ST,ZIP: Houston, TX 77056
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: The Home Depot USA
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 2455 Paces Ferry Rd
LEGAL CITY,ST,ZIP: Atlanta, GA 30339
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (770)433-8211
LEGAL EFFECTIVE DATE: 7/25/2002
LAND ORG NAME: The Home Depot USA
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 2455 Paces Ferry Rd
LAND CITY,ST,ZIP: Atlanta, GA 30339

HOME DEPOT 4723 (Continued) **S107672276**

LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(770)433-8211
OPERATOR ORG NAME:	The Home Depot USA
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	2455 Paces Ferry Rd
OPERATOR CITY,ST,ZIP:	Atlanta, CA 30339
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(770)433-8211
OPERATOR EFFECTIVE DATE:	7/25/2002
SITE CONTACT NAME:	Jorge Gomez
SITE CONTACT ADDR LINE1:	5151 San Felipe St, Suite 1600
SITE CONTACT ZIP:	Houston, TX 77056
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	713-625-7015
SITE CONTACT EMAIL:	jgomez2@pscnow.com
FORM CONTACT NAME:	Jorge Gomez
FORM CONTACT ADDR LINE1:	5151 San Felipe St, Suite 1600
FORM CONTACT CITY,ST,ZIP:	Houston, TX 77056
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	713-625-7015
FORM CONTACT EMAIL:	jgomez2@pscnow.com
GEN STATUS CD:	MQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	5672743
SWC Desc:	Not reported
FWC Desc:	D001, D005, D006, D007, D008, D009, D0011, D013, D016, D18, D035D001 D002 D009 D016 D035
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No

HOME DEPOT 4723 (Continued) **S107672276**

Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAH000024236
Facility Address 2:	Not reported
TAX REG NBR:	581853319
NAICS CD:	44411
BUSINESS TYPE:	Home Center
MAIL NAME:	The Home Depot 4723
MAIL ADDR LINE1:	1905 Aston Ave
MAIL CITY,ST,ZIP:	Carlsbad, WA 92008
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	The Home Depot USA
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2455 Paces Ferry Rd
LEGAL CITY,ST,ZIP:	Atlanta, GA 30339
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(770)433-8211
LEGAL EFFECTIVE DATE:	7/25/2002
LAND ORG NAME:	The Home Depot USA
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	2455 Paces Ferry Rd
LAND CITY,ST,ZIP:	Atlanta, GA 30339
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(770)433-8211
OPERATOR ORG NAME:	The Home Depot USA
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	2455 Paces Ferry Rd
OPERATOR CITY,ST,ZIP:	Atlanta, CA 30339
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(770)433-8211
OPERATOR EFFECTIVE DATE:	7/25/2002
SITE CONTACT NAME:	Robert Perkins
SITE CONTACT ADDR LINE1:	1905 Aston Ave
SITE CONTACT ZIP:	Carlsbad, CA 92008
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(760)602-8700
SITE CONTACT EMAIL:	RPERKINS@3ECOMAPNY.COM
FORM CONTACT NAME:	Robert Perkins
FORM CONTACT ADDR LINE1:	1905 Aston Ave
FORM CONTACT CITY,ST,ZIP:	Carlsbad, CA 92008
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(760)602-8700
FORM CONTACT EMAIL:	RPERKINS@3ECOMAPNY.COM
GEN STATUS CD:	MQG
MONTHLY GENERATION:	No
BATCH GENERATION:	No
ONE TIME GENERATION:	No

HOME DEPOT 4723 (Continued) **S107672276**

TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	5672743
SWC Desc:	Not reported
FWC Desc:	D001, D005, D006, D007, D008, D009, D0011, D013, D016, D18, D035D001 D002 D009 D016 D035
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAH000024236
Facility Address 2:	Not reported
TAX REG NBR:	581853319
NAICS CD:	44411
BUSINESS TYPE:	Home Center
MAIL NAME:	The Home Depot 4723
MAIL ADDR LINE1:	1905 Aston Ave
MAIL CITY,ST,ZIP:	Carlsbad, WA 92008
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	The Home Depot USA
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	2455 Paces Ferry Rd
LEGAL CITY,ST,ZIP:	Atlanta, GA 30339
LEGAL COUNTRY:	UNITED STATES

HOME DEPOT 4723 (Continued) **S107672276**

LEGAL PHONE NBR:	(770)433-8211
LEGAL EFFECTIVE DATE:	7/25/2002
LAND ORG NAME:	The Home Depot USA
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	2455 Paces Ferry Rd
LAND CITY,ST,ZIP:	Atlanta, GA 30339
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(770)433-8211
OPERATOR ORG NAME:	The Home Depot USA
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	2455 Paces Ferry Rd
OPERATOR CITY,ST,ZIP:	Atlanta, CA 30339
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(770)433-8211
OPERATOR EFFECTIVE DATE:	07/25/02
SITE CONTACT NAME:	Melanie Koske
SITE CONTACT ADDR LINE1:	1905 Aston Ave
SITE CONTACT ADDR LINE2:	Ste 100
SITE CONTACT ZIP:	Carlsbad, CA 92008
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(760)602-8700,ext 7486
SITE CONTACT EMAIL:	MKOSKE@3ECOMPANY.COM
FORM CONTACT NAME:	Melanie Koske
FORM CONTACT ADDR LINE1:	1905 Aston Ave
FORM CONTACT ADDR LINE2:	Ste 100
FORM CONTACT CITY,ST,ZIP:	Carlsbad, CA 92008
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(760)602-8700,ext 7486
FORM CONTACT EMAIL:	MKOSKE@3ECOMPANY.COM
GEN STATUS CD:	MQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access additional WA MANIFEST: detail in the EDR Site Report.

NPDES:

Facility Status:	Active
Facility Type:	Construction SW GP
Admin Region:	Headquarters
Latitude:	47.66968585
Longitude:	-122.102227
Permit ID:	WAR125344

HOME DEPOT 4723 (Continued) **S107672276**

Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Ken Waldo
WRIA:	Cedar-Sammamish
Permit Expiration Date:	12/31/2015
Effective Date:	10/11/2011

K62 **LUMBERMENS BUILDING CENTER REDMOND** **ALLSITES** **U000925536**
West **17875 REDMOND WAY** **UST** **N/A**
1/4-1/2 **REDMOND, WA 98073**
0.429 mi.
2263 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
52 ft.

ALLSITES:

Facility Id:	82742138
Latitude:	47.6670909
Longitude:	-122.10319
Geographic location identifier (alias facid):	82742138
Facility Name:	LUMBERMENS BUILDING CENTER REDMOND
Latitude Decimal Degrees:	47.667090999999999
Longitude Decimal Degrees:	-122.103193
Coordinate Point Areal Extent Code:	4
Horizontal Accuracy Code:	7
Coordinate Point Geographic Position Code:	5
Location Verified Code:	N

UST:

Facility ID:	82742138
Site ID:	101416
Lat Deg:	47
Lat Min:	40
Lat Sec:	1.5275999999971646
Long Deg:	-122
Long Min:	6
Long Sec:	11.494800000016312
UBI:	Not reported
Phone Number:	2068830788
Tank ID:	18384
Tank Name:	1-1000
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

LUMBERMENS BUILDING CENTER REDMOND (Continued) **U000925536**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	30888
Tank Name:	2-1000
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

63
SW
1/4-1/2
0.452 mi.
2384 ft.

CLASSIC CLEANERS E LAKE SAMMAMISH PKWY **ALLSITES** **U004120648**
6255 E LAKE SAMMAMISH PKWY NE **UST** **N/A**
REDMOND, WA 98052

Relative:
Lower

Actual:
53 ft.

ALLSITES:

Facility Id:	8669262	
Latitude:	47.6632850	
Longitude:	-122.09925	
Geographic location identifier (alias facid):		8669262
Facility Name:		Classic Cleaners E Lake Sammamish Pkwy
Latitude Decimal Degrees:		47.663285000000002
Longitude Decimal Degrees:		-122.09925200000001
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		8
Location Verified Code:		N

CLASSIC CLEANERS E LAKE SAMMAMISH PKWY (Continued) **U004120648**

UST:

Facility ID:	8669262
Site ID:	619451
Lat Deg:	47
Lat Min:	39
Lat Sec:	47.826000000006843
Long Deg:	-122
Long Min:	5
Long Sec:	57.307200000025205
UBI:	Not reported
Phone Number:	Not reported

Tank ID:	619635
Tank Name:	2
Install Date:	1/1/0001
Capacity:	1,101 to 2,000 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Abandoned
TankSystem Status Change Date:	3/27/2008
Tank Status:	Abandoned
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	3/26/2008
Tag Number:	Not reported

Tank ID:	619636
Tank Name:	1
Install Date:	1/1/0001
Capacity:	1,101 to 2,000 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Abandoned
TankSystem Status Change Date:	3/27/2008
Tank Status:	Abandoned
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported

CLASSIC CLEANERS E LAKE SAMMAMISH PKWY (Continued) **U004120648**

Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	3/26/2008
Tag Number:	Not reported

64
SW
1/4-1/2
0.453 mi.
2390 ft.

REDMOND WASTE OIL **RCRA-NonGen** **1000659739**
6206 E LAKE SAMMAMISH PKWY **FINDS** **WAD988494159**
REDMOND, WA 98052 **ALLSITES**

Relative:
Lower

Actual:
51 ft.

RCRA-NonGen:

Date form received by agency:	10/17/1991
Facility name:	REDMOND WASTE OIL
Facility address:	6206 E LAKE SAMMAMISH PKWY REDMOND, WA 98052
EPA ID:	WAD988494159
Mailing address:	3190 160TH AVE SE BELLEVUE, WA 98008-5452
Contact:	BRIDGETT HOOVER
Contact address:	3190 160TH AVE SE BELLEVUE, WA 98008-5452
Contact country:	US
Contact telephone:	(425)649-7213
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WA ECY
Owner/operator address:	3190 160TH AVE SE BELLEVUE, WA 98008
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/17/1991
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

REDMOND WASTE OIL (Continued) **1000659739**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005366709

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALLSITES:

Facility Id:	38661877
Latitude:	47.6613899
Longitude:	-122.09752
Geographic location identifier (alias facid):	38661877
Facility Name:	Redmond Waste Oil
Latitude Decimal Degrees:	47.661389999999997
Longitude Decimal Degrees:	-122.09752
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

65
SSW
1/4-1/2
0.459 mi.
2424 ft.

DEER CREEK CONDOMINIUMS **ALLSITES S111101800**
18500 REDMOND FALL CITY ROAD **NPDES N/A**
REDMOND, WA 98052

Relative:
Lower

Actual:
132 ft.

ALLSITES:

Facility Id:	23380
Latitude:	47.6602626
Longitude:	-122.09362

NPDES:

Facility Status:	Active
Facility Type:	Construction SW GP
Admin Region:	Headquarters
Latitude:	47.66026264
Longitude:	-122.093626
Permit ID:	WAR125048
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Coverage Issued

DEER CREEK CONDOMINIUMS (Continued) **S111101800**

Ecology Contact: Ken Waldo
WRIA: Cedar-Sammamish
Permit Expiration Date: 12/31/2015
Effective Date: 06/15/2011

66
West
1/4-1/2
0.463 mi.
2444 ft.

CAR WASH ENTERPRISES **ALLSITES** **S103504043**
17809 REDMOND WAY **CSCSL NFA** **N/A**
REDMOND, WA 98052 **VCP**
ICR

Relative:
Lower

Actual:
52 ft.

ALLSITES:
Facility Id: 65584429
Latitude: 47.6672009
Longitude: -122.10413
Geographic location identifier (alias facid): 65584429
Facility Name: Car Wash Enterprises CWE Redmond Fall
Latitude Decimal Degrees: 47.667200999999999
Longitude Decimal Degrees: -122.104135
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 7
Coordinate Point Geographic Position Code: 5
Location Verified Code: N

CSCSL NFA:
Facility/Site Id: 65584429
CS Id: 6467
NFA Type: NFA-VCP Review
NFA Date: 12/02/2008
Rank: Not reported

VCP:
edr_fstat: WA
edr_fzip: 98052
edr_fcnty: KING COUNTY
edr_zip: Not reported
Facility ID: 65584429
VCP Status: Not reported
VCP: Y
Ecology Status: Not reported
NFA Type: NFA-VCP Review
Date NFA: 12/02/2008
Rank: Not reported

ICR:
Date Ecology Received Report: 02/26/98
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-04
County Code: 17
Contact: Not reported
Report Title: Not reported

CAR WASH ENTERPRISES (Continued) **S103504043**

Date Ecology Received Report: 08/25/98
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/29/98
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-15
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/02/99
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/18/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-28
County Code: 17
Contact: Not reported
Report Title: Sampling - May 2000

Date Ecology Received Report: 02/02/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-27
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/07/00
Contaminants Found at Site: Petroleum products

CAR WASH ENTERPRISES (Continued) **S103504043**

Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-25
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/16/93
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-50
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/10/93
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/30/95
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/16/01
Contaminants Found at Site: Not reported
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-42
County Code: 17
Contact: Not reported
Report Title: Ground Water Monitoring Report

Date Ecology Received Report: 10/26/99
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank

CAR WASH ENTERPRISES (Continued) **S103504043**

Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-30
County Code:	17
Contact:	Not reported
Report Title:	Quarterly Monitoring - Third Quarter 1999
Date Ecology Received Report:	05/30/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-54
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	10/30/01
Contaminants Found at Site:	Not reported
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-43
County Code:	17
Contact:	Not reported
Report Title:	Third Quarter Ground Water Monitoring - August 2001
Date Ecology Received Report:	01/04/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	17
Contact:	Not reported
Report Title:	Tosco Marketing Company Quarterly Report
Date Ecology Received Report:	05/24/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-37
County Code:	17
Contact:	Not reported
Report Title:	Monitoring - February 2001

67
NW
1/4-1/2
0.465 mi.
2454 ft.

BEAR CREEK COMMONS
18100 NE UNION HILL RD
REDMOND, WA 98052

ALLSITES **S110038279**
N/A

Relative:
Lower

Actual:
54 ft.

ALLSITES:

Facility Id:	12797	
Latitude:	47.6760999	
Longitude:	-122.105	
Geographic location identifier (alias facid):		12797
Facility Name:		BEAR CREEK COMMONS
Latitude Decimal Degrees:		47.676099999999998
Longitude Decimal Degrees:		-122.105
Coordinate Point Areal Extent Code:		0
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		0
Location Verified Code:		Not reported
Geographic Location Identifier (Alias Facid):		12797
Interaction (Aka Env Int) Type Code:		CONSTGP
Interaction (Aka Env Int) Description:		Construction SW GP
Interaction Status:		A
Federal Program Indentifier:		WAR010384
Interaction Start Date:		06/23/2008
Interaction End Date:		Not reported
prgm_facil:		BEAR CREEK COMMONS
cur_sys_pr:		WATQUAL
cur_sys_nm:		PARIS

68
ENE
1/4-1/2
0.470 mi.
2479 ft.

NW SAND & GRAVEL PIT
7311 196TH NE
REDMOND, WA 98053

ALLSITES **U001126668**
UST **N/A**

Relative:
Lower

Actual:
63 ft.

ALLSITES:

Facility Id:	91229643	
Latitude:	47.6703109	
Longitude:	-122.08035	
Geographic location identifier (alias facid):		91229643
Facility Name:		NW SAND & GRAVEL PIT
Latitude Decimal Degrees:		47.670310999999998
Longitude Decimal Degrees:		-122.080353
Coordinate Point Areal Extent Code:		4
Horizontal Accuracy Code:		6
Coordinate Point Geographic Position Code:		5
Location Verified Code:		N

UST:

Facility ID:	91229643
Site ID:	11168
Lat Deg:	47
Lat Min:	40
Lat Sec:	13.11959999999317
Long Deg:	-122
Long Min:	4

NW SAND & GRAVEL PIT (Continued) **U001126668**

Long Sec:	49.270800000008421
UBI:	Not reported
Phone Number:	Not reported

Tank ID:	2073
Tank Name:	2
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

Tank ID:	2111
Tank Name:	1
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported

NW SAND & GRAVEL PIT (Continued) **U001126668**

Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

69
WSW
1/4-1/2
0.475 mi.
2508 ft.

NOW IMPRESSIONS
17985 NE 65TH ST
REDMOND, WA 98052

RCRA-CESQG **1000878743**
FINDS **WAD988520656**
ALLSITES

Relative:
Lower

Actual:
51 ft.

RCRA-CESQG:

Date form received by agency:	09/29/1995
Facility name:	NOW IMPRESSIONS
Facility address:	17985 NE 65TH ST REDMOND, WA 98052-4964
EPA ID:	WAD988520656
Contact:	JEFF WALESBY
Contact address:	17985 NE 65TH ST REDMOND, WA 98052-4964
Contact country:	US
Contact telephone:	(425) 881-5911
Contact email:	Not reported
EPA Region:	10
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	KENT OSBORNE
Owner/operator address:	17985 NE 65TH ST REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	(425) 881-5911
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	08/02/1996
Owner/Op end date:	Not reported
Owner/operator name:	JEFF WALESBY
Owner/operator address:	17985 NE 65TH ST REDMOND, WA 98052
Owner/operator country:	US
Owner/operator telephone:	(425) 881-5911
Legal status:	Other

NOW IMPRESSIONS (Continued) **1000878743**

Owner/Operator Type: Operator
Owner/Op start date: 08/02/1996
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/07/1995
Facility name: NOW IMPRESSIONS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/29/1996
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005386224

Environmental Interest/Information System
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NOW IMPRESSIONS (Continued) **1000878743**

ALLSITES:

Facility Id:	33169346	
Latitude:	47.6637800	
Longitude:	-122.10030	
Geographic location identifier (alias facid):		33169346
Facility Name:		Now Impressions
Latitude Decimal Degrees:		47.663780000000003
Longitude Decimal Degrees:		-122.10030999999999
Coordinate Point Areal Extent Code:		99
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		99
Location Verified Code:		N

70
NNE
1/2-1
0.533 mi.
2815 ft.

ALL WOOD RECYCLING AKA ALL SEASONS CONST **CSCSL** **S108021684**
8504 192ND AVE NE **ALLSITES** **N/A**
REDMOND, WA 98053 **NPDES**

Relative:
Lower

Actual:
56 ft.

CSCSL:

Facility ID:	2397
Region:	Northwest
Lat/Long:	47.691360000000 / -122.084
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	3793
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Asbestos
Ground Water:	S
Surface Water:	S
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	2397
Region:	Northwest
Lat/Long:	47.691360000000 / -122.084
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	3793
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Conventional Contaminants, Inorganic
Ground Water:	S
Surface Water:	S
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	2397
Region:	Northwest

ALL WOOD RECYCLING AKA ALL SEASONS CONST (Continued) **S108021684**

Lat/Long:	47.691360000000 / -122.084
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	3793
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Conventional Contaminants, Organic
Ground Water:	S
Surface Water:	S
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	2397
Region:	Northwest
Lat/Long:	47.691360000000 / -122.084
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	3793
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Corrosive Wastes
Ground Water:	S
Surface Water:	S
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	2397
Region:	Northwest
Lat/Long:	47.691360000000 / -122.084
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	3793
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Halogenated Organics
Ground Water:	S
Surface Water:	S
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	2397
Region:	Northwest
Lat/Long:	47.691360000000 / -122.084
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	3793
Site Status:	Awaiting Cleanup
PSI?:	Not reported

ALL WOOD RECYCLING AKA ALL SEASONS CONST (Continued) **S108021684**

Contaminant Name: Metals Priority Pollutants
Ground Water: S
Surface Water: S
Soil: S
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 2397
Region: Northwest
Lat/Long: 47.691360000000 / -122.084
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 3793
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Non-Halogenated Solvents
Ground Water: S
Surface Water: S
Soil: S
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 2397
Region: Northwest
Lat/Long: 47.691360000000 / -122.084
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 3793
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Petroleum Products - unspecified
Ground Water: S
Surface Water: C
Soil: C
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 2397
Region: Northwest
Lat/Long: 47.691360000000 / -122.084
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 3793
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Polynuclear Aromatic Hydrocarbons
Ground Water: S
Surface Water: S
Soil: S
Sediment: Not reported
Air: Not reported

ALL WOOD RECYCLING AKA ALL SEASONS CONST (Continued) **S108021684**

Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:
Facility Id: 2397
Latitude: 47.6913600
Longitude: -122.084

Geographic location identifier (alias facid):	2397
Facility Name:	All Wood Recycling AKA All Seasons Const
Latitude Decimal Degrees:	47.691360000000003
Longitude Decimal Degrees:	-122.084
Coordinate Point Areal Extent Code:	99
Horizontal Accuracy Code:	99
Coordinate Point Geographic Position Code:	99
Location Verified Code:	N

Geographic Location Identifier (Alias Facid):	2397
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/1900
Interaction End Date:	12/20/1996
prgm_facil:	All Wood Recycling AKA All Seasons Const
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Geographic Location Identifier (Alias Facid):	2397
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	07/13/2006
Interaction End Date:	Not reported
prgm_facil:	All Wood Recycling AKA All Seasons Const
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Geographic Location Identifier (Alias Facid):	2397
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	02/27/2007
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	WATQUAL
cur_sys_nm:	DMS

Geographic Location Identifier (Alias Facid):	2397
Interaction (Aka Env Int) Type Code:	RSVP
Interaction (Aka Env Int) Description:	Revised Site Visit Program
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	04/03/2006
Interaction End Date:	Not reported
prgm_facil:	All Wood Recycling AKA All Seasons Const

ALL WOOD RECYCLING AKA ALL SEASONS CONST (Continued) **S108021684**

cur_sys_pr:	HAZWASTE
cur_sys_nm:	RSVP
Geographic Location Identifier (Alias Facid):	2397
Interaction (Aka Env Int) Type Code:	INDUSTSWDP
Interaction (Aka Env Int) Description:	Industrial to ground SWDP IP
Interaction Status:	A
Federal Program Indentifier:	ST0007455
Interaction Start Date:	05/13/2010
Interaction End Date:	Not reported
prgm_facil:	All Wood Recycling AKA All Seasons Const
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

NPDES:

Facility Status:	Active
Facility Type:	Industrial to ground SWDP IP
Admin Region:	Northwest
Latitude:	47.69136
Longitude:	-122.084
Permit ID:	ST0007455
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Temporary
Ecology Contact:	Jerry Shervey
WRIA:	Cedar-Sammamish
Permit Expiration Date:	Not reported
Effective Date:	Not reported

71
WSW
1/2-1
0.672 mi.
3548 ft.

Relative:
Lower

Actual:
49 ft.

LAKE WASHINGTON SCHOOL DIST 414
6505 176TH NE MARYMOOR ANNEX
REDMOND, WA 98052

RCRA-NonGen **1000199238**
FINDS **WAD982653586**
CSCSL
ALLSITES
UST
BROWNFIELDS

RCRA-NonGen:

Date form received by agency:	07/29/1988
Facility name:	LAKE WASHINGTON SCHOOL DIST 414
Facility address:	6505 176TH NE MARYMOOR ANNEX REDMOND, WA 98052
EPA ID:	WAD982653586
Mailing address:	PO BOX 97039 REDMOND, WA 98073
Contact:	MARY LINVILLE
Contact address:	PO BOX 97039 REDMOND, WA 98073
Contact country:	US
Contact telephone:	(425)828-3232
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LAKE WASHINGTON SCHOOL DIST

LAKE WASHINGTON SCHOOL DIST 414 (Continued) **1000199238**

Owner/operator address: PO BOX 97039
REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/29/1988
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005345894

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CSCSL:
Facility ID: 23529559
Region: Northwest
Lat/Long: 47.663631000000 / -122.1066030000
Brownfield Status: Yes
Rank Status: Not reported
Clean Up Siteid: 1104
Site Status: Awaiting Cleanup
PSI?: Not reported

LAKE WASHINGTON SCHOOL DIST 414 (Continued) **1000199238**

Contaminant Name: Halogenated Organics
Ground Water: B
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 23529559
Region: Northwest
Lat/Long: 47.663631000000 / -122.1066030000
Brownfield Status: Yes
Rank Status: Not reported
Clean Up Siteid: 1104
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Metals Priority Pollutants
Ground Water: S
Surface Water: S
Soil: C
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 23529559
Region: Northwest
Lat/Long: 47.663631000000 / -122.1066030000
Brownfield Status: Yes
Rank Status: Not reported
Clean Up Siteid: 1104
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Non-Halogenated Solvents
Ground Water: S
Surface Water: Not reported
Soil: C
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 23529559
Region: Northwest
Lat/Long: 47.663631000000 / -122.1066030000
Brownfield Status: Yes
Rank Status: Not reported
Clean Up Siteid: 1104
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Pesticides-Unspecified
Ground Water: Not reported
Surface Water: Not reported
Soil: C
Sediment: Not reported
Air: Not reported

LAKE WASHINGTON SCHOOL DIST 414 (Continued) **1000199238**

Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 23529559
Region: Northwest
Lat/Long: 47.663631000000 / -122.1066030000
Brownfield Status: Yes
Rank Status: Not reported
Clean Up Siteid: 1104
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Petroleum Products - unspecified
Ground Water: S
Surface Water: S
Soil: C
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 23529559
Region: Northwest
Lat/Long: 47.663631000000 / -122.1066030000
Brownfield Status: Yes
Rank Status: Not reported
Clean Up Siteid: 1104
Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Polynuclear Aromatic Hydrocarbons
Ground Water: Not reported
Surface Water: Not reported
Soil: C
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:
Facility Id: 23529559
Latitude: 47.6636310
Longitude: -122.10660
Geographic location identifier (alias facid): 23529559
Facility Name: Lake Washington School Dist 414
Latitude Decimal Degrees: 47.663631000000002
Longitude Decimal Degrees: -122.10660300000001
Coordinate Point Areal Extent Code: 4
Horizontal Accuracy Code: 13
Coordinate Point Geographic Position Code: 5
Location Verified Code: Y

UST:
Facility ID: 23529559
Site ID: 9722
Lat Deg: 47
Lat Min: 39

LAKE WASHINGTON SCHOOL DIST 414 (Continued) **1000199238**

Lat Sec:	49.071600000008289
Long Deg:	-122
Long Min:	6
Long Sec:	23.770800000024792
UBI:	Not reported
Phone Number:	2068283425

Tank ID:	25230
Tank Name:	1
Install Date:	12/31/1964
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Exempt
TankSystem Status Change Date:	8/22/2006
Tank Status:	Exempt
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	8/6/1996
Tag Number:	Not reported

BROWNFIELDS:

Facilty ID:	23529559
Rank:	Not reported
Cleanup Site Id:	1104
Facility Status:	Awaiting Cleanup
ISIS User Display Name:	Musa, Donna
Latitude:	47.664
Longitude:	-122.107
Is VCP Flag:	Not reported
Is NFA Flag:	Not reported

72
WNW
1/2-1
0.697 mi.
3680 ft.

Relative:
Lower

Actual:
49 ft.

AA AUTO SERVICE CENTER **CSCSL** **S104971543**
8004 AVONDALE RD NE **ALLSITES** **N/A**
REDMOND, WA 98052 **CSCSL NFA**

CSCSL:

Facility ID:	2264
Region:	Northwest
Lat/Long:	47.674460000000 / -122.109872
Brownfield Status:	Not reported

AA AUTO SERVICE CENTER (Continued) **S104971543**

Rank Status: Not reported
Clean Up Siteid: 5078
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Benzene
Ground Water: S
Surface Water: S
Soil: C
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 2264
Region: Northwest
Lat/Long: 47.674460000000 / -122.109872
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 5078
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Halogenated Organics
Ground Water: S
Surface Water: S
Soil: S
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 2264
Region: Northwest
Lat/Long: 47.674460000000 / -122.109872
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 5078
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Metals Priority Pollutants
Ground Water: S
Surface Water: Not reported
Soil: S
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 2264
Region: Northwest
Lat/Long: 47.674460000000 / -122.109872
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 5078
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Non-Halogenated Solvents
Ground Water: S

AA AUTO SERVICE CENTER (Continued) **S104971543**

Surface Water:	S
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest
Facility ID:	2264
Region:	Northwest
Lat/Long:	47.674460000000 / -122.109872
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	5078
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum Products - unspecified
Ground Water:	S
Surface Water:	S
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest
Facility ID:	2264
Region:	Northwest
Lat/Long:	47.674460000000 / -122.109872
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	5078
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Diesel
Ground Water:	C
Surface Water:	S
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest
Facility ID:	2264
Region:	Northwest
Lat/Long:	47.674460000000 / -122.109872
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	5078
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Gasoline
Ground Water:	C
Surface Water:	S
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

AA AUTO SERVICE CENTER (Continued) **S104971543**

Facility ID:	2264
Region:	Northwest
Lat/Long:	47.674460000000 / -122.109872
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	5078
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Other
Ground Water:	S
Surface Water:	S
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

ALLSITES:

Facility Id:	2264
Latitude:	47.6744600
Longitude:	-122.10987
Geographic location identifier (alias facid):	2264
Facility Name:	AA Auto Service Center
Latitude Decimal Degrees:	47.674460000000003
Longitude Decimal Degrees:	-122.109872
Coordinate Point Areal Extent Code:	4
Horizontal Accuracy Code:	6
Coordinate Point Geographic Position Code:	5
Location Verified Code:	N

Geographic Location Identifier (Alias Facid):	2264
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	06/19/1990
Interaction End Date:	12/28/1995
prgm_facil:	AA Auto Service Center
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Geographic Location Identifier (Alias Facid):	2264
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	8892
Interaction Start Date:	08/05/1992
Interaction End Date:	05/15/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Geographic Location Identifier (Alias Facid):	2264
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD988511093

AA AUTO SERVICE CENTER (Continued) **S104971543**

Interaction Start Date:	08/28/1992
Interaction End Date:	03/10/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Geographic Location Identifier (Alias Facid):	2264
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	A
Federal Program Indentifier:	8892
Interaction Start Date:	03/20/2000
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Geographic Location Identifier (Alias Facid):	2264
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD988511093
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

CSCSL NFA:

Facility/Site Id:	2264
CS Id:	5078
NFA Type:	NFA-SHA
NFA Date:	12/28/1995
Rank:	Not reported

73
WSW
1/2-1
0.716 mi.
3781 ft.

TTM TECHNOLOGIES INC REDMOND DIVISION **CSCSL** **S110039798**
17460 NE 67TH CT **ALLSITES** **N/A**
REDMOND, WA 98052 **VCP**

Relative:
Lower

Actual:
47 ft.

CSCSL:

Facility ID:	13804
Region:	Northwest
Lat/Long:	47.665264000000 / -122.10688
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	1397
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Metals Priority Pollutants
Ground Water:	C
Surface Water:	Not reported
Soil:	C
Sediment:	Not reported
Air:	Not reported

TTM TECHNOLOGIES INC REDMOND DIVISION (Continued) **S110039798**

Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:
Facility Id: 13804
Latitude: 47.6652640
Longitude: -122.10688
Geographic location identifier (alias facid): 13804
Facility Name: TTM Technologies Inc Redmond Division
Latitude Decimal Degrees: 47.665264000000001
Longitude Decimal Degrees: -122.10688
Coordinate Point Areal Extent Code: 0
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: Not reported

Geographic Location Identifier (Alias Facid): 13804
Interaction (Aka Env Int) Type Code: VOLCLNST
Interaction (Aka Env Int) Description: Voluntary Cleanup Sites
Interaction Status: A
Federal Program Indentifier: nw2195
Interaction Start Date: 08/21/2009
Interaction End Date: Not reported
prgm_facil: TTM Technologies, Inc. Redmond Division
cur_sys_pr: TOXICS
cur_sys_nm: ISIS

VCP:
edr_fstat: WA
edr_fzip: 98052
edr_fcnty: KING COUNTY
edr_zip: Not reported
Facility ID: 13804
VCP Status: VCP
VCP: Not reported
Ecology Status: Cleanup Started
NFA Type: Cleanup Started
Date NFA: Cleanup Started
Rank: Cleanup Started

74
West
1/2-1
0.829 mi.
4375 ft.

BEAR CREEK CLEANERS **CSCSL** **S104971562**
17260 REDMOND WAY **ALLSITES** **N/A**
REDMOND, WA 98052 **CSCSL NFA**
VCP

Relative:
Lower

Actual:
45 ft.

CSCSL:
Facility ID: 83531133
Region: Northwest
Lat/Long: 47.671067999999 / -122.1098329999
Brownfield Status: Not reported
Rank Status: Not reported
Clean Up Siteid: 1719
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Halogenated Organics

BEAR CREEK CLEANERS (Continued) **S104971562**

Ground Water: C
Surface Water: Not reported
Soil: R
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:
Facility Id: 83531133
Latitude: 47.6710679
Longitude: -122.10983
Geographic location identifier (alias facid): 83531133
Facility Name: BEAR CREEK CLEANERS
Latitude Decimal Degrees: 47.671067999999998
Longitude Decimal Degrees: -122.10983299999999
Coordinate Point Areal Extent Code: 99
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: N

CSCSL NFA:
Facility/Site Id: 83531133
CS Id: 1719
NFA Type: NFA-VCP Review
NFA Date: 12/01/1998
Rank: Not reported

VCP:
edr_fstat: WA
edr_fzip: 98052
edr_fcnty: KING COUNTY
edr_zip: Not reported
Facility ID: 83531133
VCP Status: Not reported
VCP: Y
Ecology Status: Not reported
NFA Type: NFA-VCP Review
Date NFA: 12/01/1998
Rank: Not reported

edr_fstat: WA
edr_fzip: 98052
edr_fcnty: KING COUNTY
edr_zip: Not reported
Facility ID: 83531133
VCP Status: VCP
VCP: Not reported
Ecology Status: Cleanup Started
NFA Type: Cleanup Started
Date NFA: Cleanup Started
Rank: Cleanup Started

75
South
1/2-1
0.898 mi.
4740 ft.

LAKESIDE DIVISION 1
NE 65TH ST & 188TH AVE NE
REDMOND, WA 98027

CSCSL **S105152400**
ALLSITES **N/A**

Relative:
Lower

Actual:
68 ft.

CSCSL:

Facility ID:	99486392
Region:	Northwest
Lat/Long:	47.653666000000 / -122.090249
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	4411
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Metals - Other
Ground Water:	B
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	99486392
Region:	Northwest
Lat/Long:	47.653666000000 / -122.090249
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	4411
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Metals Priority Pollutants
Ground Water:	C
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	99486392
Region:	Northwest
Lat/Long:	47.653666000000 / -122.090249
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	4411
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum Products - unspecified
Ground Water:	C
Surface Water:	Not reported
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

LAKESIDE DIVISION 1 (Continued) **S105152400**

ALLSITES:

Facility Id:	99486392	
Latitude:	47.6536660	
Longitude:	-122.09024	
Geographic location identifier (alias facid):		99486392
Facility Name:		Lakeside Division 1
Latitude Decimal Degrees:		47.653666000000001
Longitude Decimal Degrees:		-122.090249
Coordinate Point Areal Extent Code:		2
Horizontal Accuracy Code:		99
Coordinate Point Geographic Position Code:		8
Location Verified Code:		N

76
West
1/2-1
0.985 mi.
5203 ft.

US NATIONAL BANK OF WA BEAR CREEK
17000 AVONDALE WAY NE
REDMOND, WA 98052

CSCSL **U003750338**
ALLSITES **N/A**
LUST
UST
ICR

Relative:
Lower

Actual:
50 ft.

CSCSL:

Facility ID:	92325969
Region:	Northwest
Lat/Long:	47.672381000000 / -122.114704
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	11062
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Benzene
Ground Water:	S
Surface Water:	Not reported
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	92325969
Region:	Northwest
Lat/Long:	47.672381000000 / -122.114704
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	11062
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum-Diesel
Ground Water:	C
Surface Water:	Not reported
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	92325969
Region:	Northwest

US NATIONAL BANK OF WA BEAR CREEK (Continued) **U003750338**

Lat/Long:	47.672381000000 / -122.114704
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	11062
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum-Gasoline
Ground Water:	S
Surface Water:	Not reported
Soil:	S
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	92325969
Region:	Northwest
Lat/Long:	47.672381000000 / -122.114704
Brownfield Status:	Not reported
Rank Status:	Not reported
Clean Up Siteid:	11062
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum-Other
Ground Water:	C
Surface Water:	Not reported
Soil:	C
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

ALLSITES:

Facility Id:	92325969
Latitude:	47.6723810
Longitude:	-122.11470
Geographic location identifier (alias facid):	92325969
Facility Name:	US NATIONAL BANK OF WA BEAR CREEK
Latitude Decimal Degrees:	47.672381000000001
Longitude Decimal Degrees:	-122.114704
Coordinate Point Areal Extent Code:	4
Horizontal Accuracy Code:	6
Coordinate Point Geographic Position Code:	5
Location Verified Code:	N

LUST:

FS ID:	92325969
Cleanup Site ID:	11062
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Facility Status:	Awaiting Cleanup
Alternate Name:	US NATIONAL BANK OF WA BEAR CREEK
Release Notification Date:	Not reported
Release Status Date:	07/01/2011
Site Response Unit Code:	Northwest

US NATIONAL BANK OF WA BEAR CREEK (Continued) **U003750338**

Lat/Long: 47.6723810 / -122.11470

FS ID: 92325969
Cleanup Site ID: 11062
Cleanup Unit Type: Upland
Process Type: Independent Action
Facility Status: Awaiting Cleanup
Alternate Name: US NATIONAL BANK OF WA BEAR CREEK
Release Notification Date: Not reported
Release Status Date: 10/25/1996
Site Response Unit Code: Northwest
Lat/Long: 47.6723810 / -122.11470

FS ID: 92325969
Cleanup Site ID: 11062
Cleanup Unit Type: Upland
Process Type: Independent Action
Facility Status: RCU
Alternate Name: US NATIONAL BANK OF WA BEAR CREEK
Release Notification Date: Not reported
Release Status Date: 01/29/2009
Site Response Unit Code: Northwest
Lat/Long: 47.6723810 / -122.11470

FS ID: 92325969
Cleanup Site ID: 11062
Cleanup Unit Type: Upland
Process Type: Independent Action
Facility Status: Cleanup Started
Alternate Name: US NATIONAL BANK OF WA BEAR CREEK
Release Notification Date: Not reported
Release Status Date: 01/29/2009
Site Response Unit Code: Northwest
Lat/Long: 47.6723810 / -122.11470

UST:
Facility ID: 92325969
Site ID: 375422
Lat Deg: 47
Lat Min: 40
Lat Sec: 20.571600000005219
Long Deg: -122
Long Min: 6
Long Sec: 52.934400000011692
UBI: Not reported
Phone Number: Not reported

Tank ID: 566976
Tank Name: 1
Install Date: 1/1/1900
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 5/7/2001
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001

US NATIONAL BANK OF WA BEAR CREEK (Continued) **U003750338**

Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	5/7/2001
Tag Number:	Not reported

Tank ID:	566981
Tank Name:	2
Install Date:	1/1/1900
Capacity:	Not reported
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	5/7/2001
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Tank Primary Release Detection:	Not reported
Tank Second Release Detection:	Not reported
Pipe Tightness Test:	Not reported
Tank Actual Status Date:	5/7/2001
Tag Number:	Not reported

ICR:

Date Ecology Received Report:	06/04/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-38
County Code:	17
Contact:	Not reported

US NATIONAL BANK OF WA BEAR CREEK (Continued) **U003750338**

Report Title: Not reported

Count: 28 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KING COUNTY	2011979999	AURORA AVE NORTH AND NORTH 85 STRE	AURORA AVE NORTH AND NORTH 85		ERNS
KING COUNTY	2011976798	1414 SOUTH CONCORD STREET	1414 SOUTH CONCORD STREET		ERNS
KING COUNTY	S108107942	WASTE MOBILE COLLECTIONS	MOVES LOCATIONS (SEE COMMENT F		SWF/LF
KING COUNTY	2011979323	NONE 1403 SW 308TH STREET	NONE 1403 SW 308TH STREET		ERNS
KING COUNTY	2011976701	SOUTH PORTLAND STREET	SOUTH PORTLAND STREET		ERNS
KING COUNTY	2011979064	5219 SHILL SHOAL AVENUE NW	5219 SHILL SHOAL AVENUE NW		ERNS
KING COUNTY	2011972213	NORTH SIDE OF EAST JEFFERSON STREE	NORTH SIDE OF EAST JEFFERSON S		ERNS
KING COUNTY	2011972271	AT THE INNERSECTION OF NORTHEAST N	AT THE INNERSECTION OF NORTHEA		ERNS
KING COUNTY	2010927863	UNKNOWN SHEEN INCIDENT NORTHEAST 1	UNKNOWN SHEEN INCIDENT NORTHEA		ERNS
KING COUNTY	2011973394	UNKNOWN SHEEN INCIDENT 653 NORTH W	UNKNOWN SHEEN INCIDENT 653 NOR		ERNS
KING COUNTY	2011977082	UNKNOWN SHEEN INCIDENT 4207 9TH AV	UNKNOWN SHEEN INCIDENT 4207 9T		ERNS
KING COUNTY	2011974648	UNKNOWN SHEEN INCIDENT - 653 NORTH	UNKNOWN SHEEN INCIDENT - 653 N		ERNS
REDMOND	1006931800	AEROJET GENERAL CORPORATION	11650 137TH PL NE	98052	RCRA-LQG, ALLSITES, MANIFEST, SPILLS
REDMOND	1014627869	14401 188TH AVE. NE	14401 188TH AVE NE	98052	PCB TRANSFORMER
REDMOND	1014627997	14401 188TH AVE. NE	14401 188TH AVE NE	98052	PCB TRANSFORMER
REDMOND	1014631002	14401 188TH AVE. NE	14401 188TH AVE NE	98052	PCB TRANSFORMER
REDMOND	2000528217	NORTHEAST 87TH STREET &	NORTHEAST 87TH STREET &	0	ERNS
REDMOND	2000520180	NE 90TH STREET BRIDGE	NE 90TH STREET BRIDGE	0	ERNS
REDMOND	S103502620	95 RIVERSIDE STREET	8288 NE 95TH ST	98052	ICR
REDMOND	S103502619	95 RIVERSIDE STREET (TWO REPORTS)	8288 NE 95TH ST	98052	ICR
REDMOND	1000658720	REDMOND ABANDONED TRU	COR OF 185TH ST NE & NE 76T S	98052	RCRA-NonGen, FINDS, ALLSITES
REDMOND	1001233942	DIESEL CLEANUP 107TH NE & 184TH NE	NE COR OF 107TH & 184TH NE	98052	RCRA-NonGen, FINDS, ALLSITES
REDMOND	S105150070	US POSTAL SERVICE REDMOND	NW CORNER OF 68TH ST NE & 185	98052	ALLSITES, CSCSL NFA, VCP
REDMOND	S110036973	NORTHWEST TECHNICAL CENTER	NW CORNER OF 185TH AVE NE & N	98052	ALLSITES
REDMOND	S103503161	PUGET SOUND ENERGY	18150 REDMOND FALL CITY HWY	98052	ICR
REDMOND	1004795050	PSE NORTH KING SVC CTR	18150 REDMOND FALL CY HWY	98052	RCRA-CESQG, FINDS, ALLSITES, CSCSL NFA, UST, MANIFEST, VCP
REDMOND	S110036489	RICH LANDSCAPING INC	27901 NE REDMOND FALL CITY RD	98053	ALLSITES, SPILLS
SAMMAMISH	S110036404	228TH STREET TOWNHOMES	228TH AVE	98074	ALLSITES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 01/11/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 01/11/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 01/10/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/31/2011
Date Data Arrived at EDR: 09/22/2011
Date Made Active in Reports: 11/10/2011
Number of Days to Update: 49

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/25/2011
Date Data Arrived at EDR: 10/27/2011
Date Made Active in Reports: 12/06/2011
Number of Days to Update: 40

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 01/26/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/11/2011
Date Data Arrived at EDR: 10/11/2011
Date Made Active in Reports: 11/10/2011
Number of Days to Update: 30

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/22/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 12/08/2011
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 11/23/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/22/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 12/08/2011
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 05/27/2009
Date Data Arrived at EDR: 05/28/2009
Date Made Active in Reports: 06/19/2009
Number of Days to Update: 22

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 11/15/2011
Date Data Arrived at EDR: 11/17/2011
Date Made Active in Reports: 12/08/2011
Number of Days to Update: 21
Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 10/25/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/06/2011
Number of Days to Update: 32
Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19
Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing
A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 10/25/2011
Date Data Arrived at EDR: 10/27/2011
Date Made Active in Reports: 12/06/2011
Number of Days to Update: 40
Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 01/26/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Quarterly

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 11/08/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/06/2011
Number of Days to Update: 28

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 02/02/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 10/25/2011
Date Data Arrived at EDR: 10/27/2011
Date Made Active in Reports: 12/06/2011
Number of Days to Update: 40

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 01/26/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Semi-Annually

CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 02/09/2009
Date Data Arrived at EDR: 03/18/2009
Date Made Active in Reports: 03/24/2009
Number of Days to Update: 6

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 02/14/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs

This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

SPILLS: Reported Spills
Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 09/23/2011
Date Data Arrived at EDR: 09/27/2011
Date Made Active in Reports: 11/10/2011
Number of Days to Update: 44
Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32
Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/01/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/07/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/12/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 119

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 12/13/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of underground injection wells.

Date of Government Version: 11/22/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 01/04/2012
Number of Days to Update: 42

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 11/23/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/30/2011
Date Made Active in Reports: 07/27/2011
Number of Days to Update: 27

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/30/2011
Date Made Active in Reports: 07/27/2011
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 11/15/2011
Date Data Arrived at EDR: 11/17/2011
Date Made Active in Reports: 01/04/2012
Number of Days to Update: 48

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/23/2011
Number of Days to Update: 43

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 12/23/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Annually

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/30/2011
Date Made Active in Reports: 07/27/2011
Number of Days to Update: 27
Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/19/2007
Number of Days to Update: 44
Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/30/2011
Date Made Active in Reports: 12/08/2011
Number of Days to Update: 8
Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 11/21/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/23/2011
Date Data Arrived at EDR: 05/26/2011
Date Made Active in Reports: 06/27/2011
Number of Days to Update: 32
Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 11/21/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/02/2009
Date Made Active in Reports: 07/08/2009
Number of Days to Update: 6
Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 03/08/2011
Date Data Arrived at EDR: 03/31/2011
Date Made Active in Reports: 05/06/2011
Number of Days to Update: 36

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

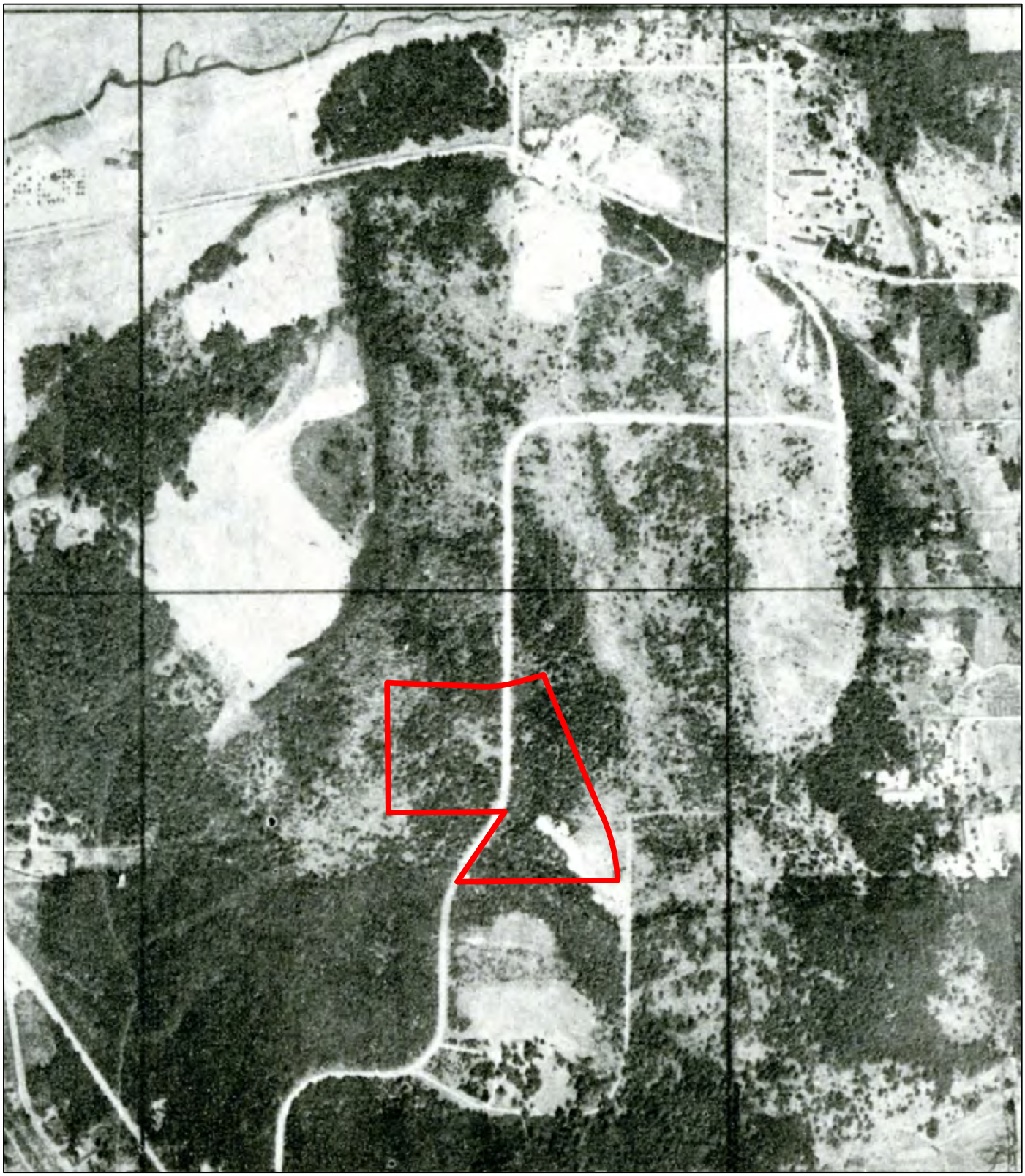
Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-1
RGI Project Number 2012-089	1944 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



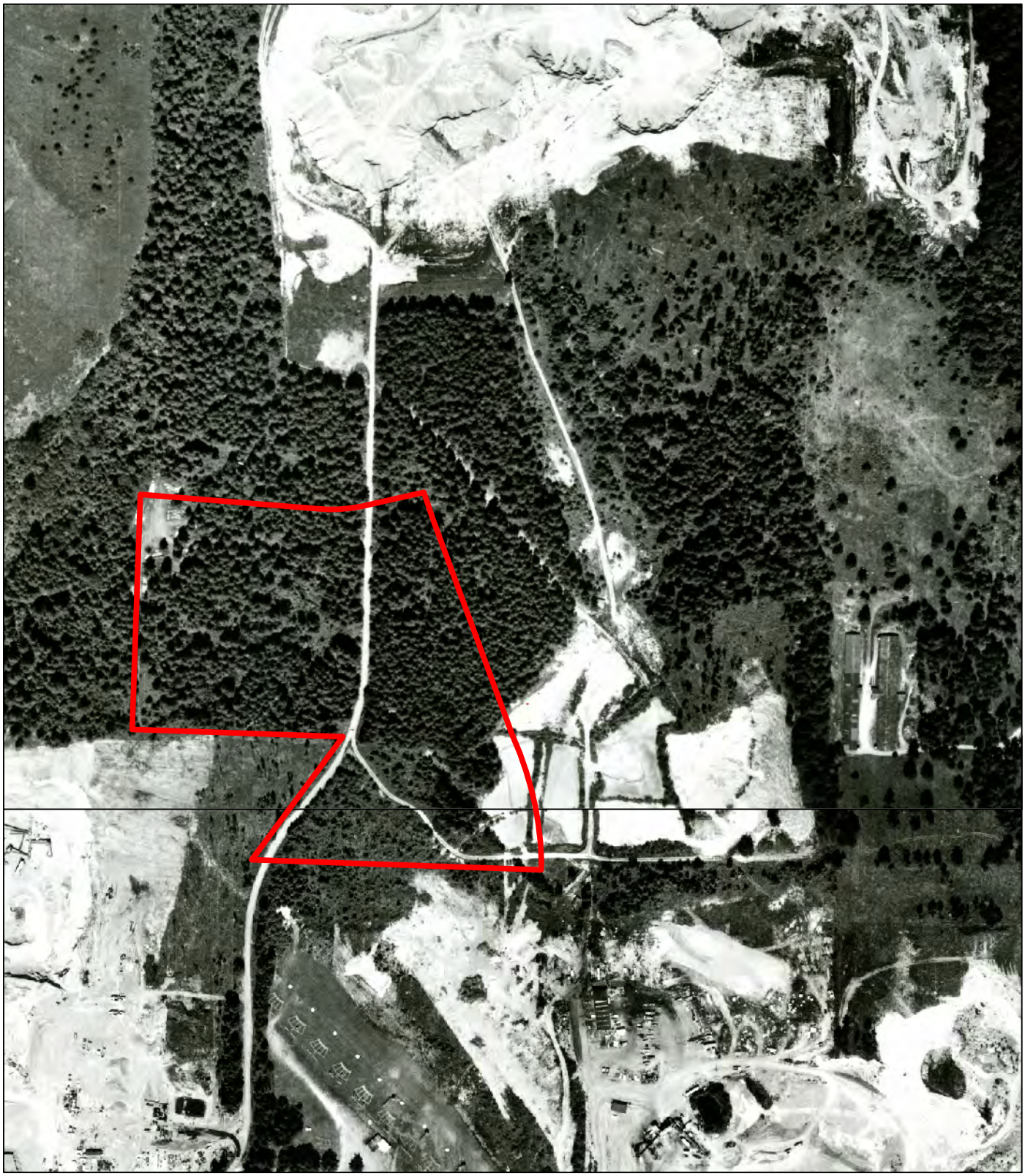
= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-2
RGI Project Number 2012-089	1961 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-3
RGI Project Number 2012-089	1970 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-4
RGI Project Number 2012-089	1981 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



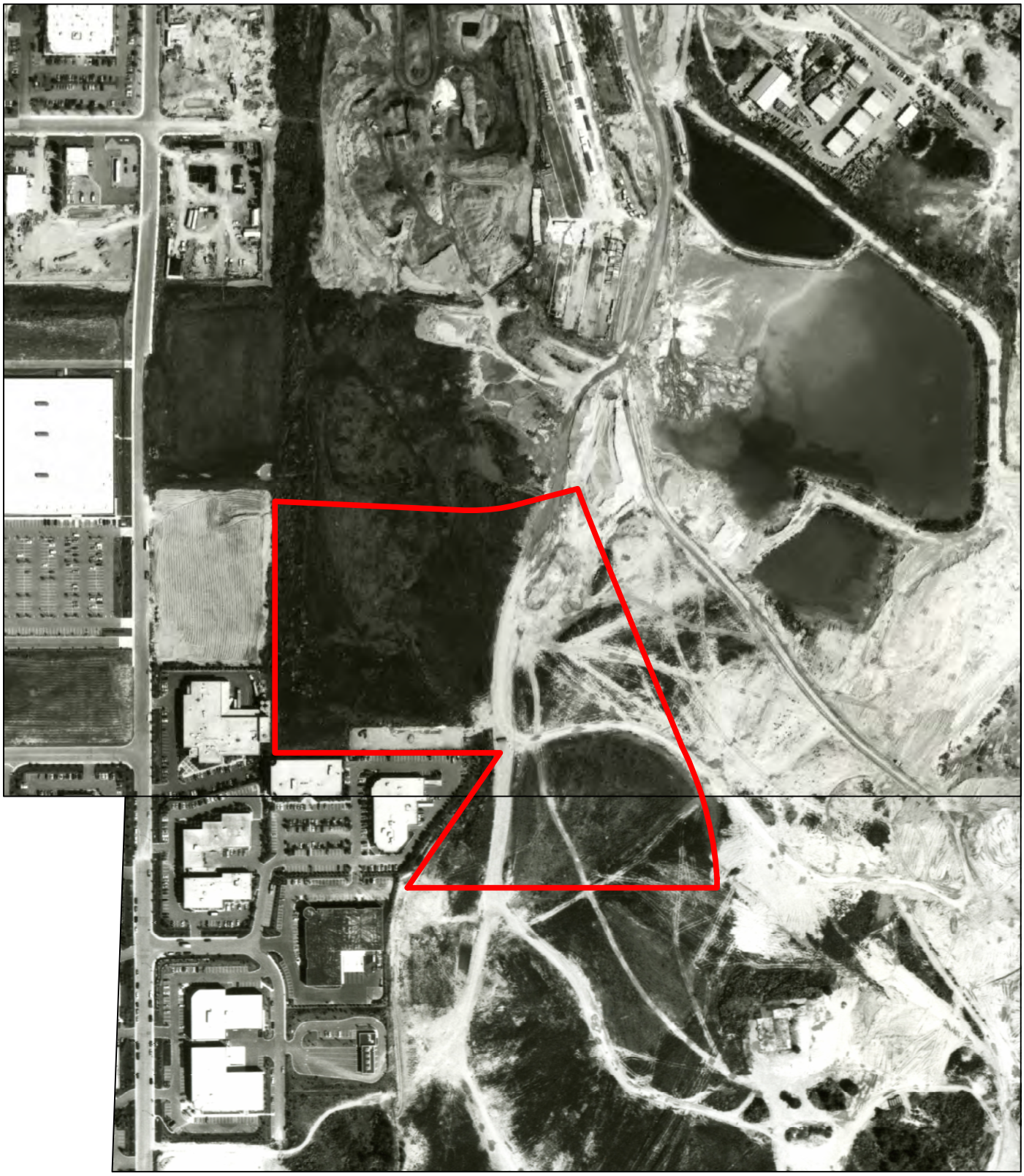
= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-5
RGI Project Number 2012-089	1990 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-6
RGI Project Number 2012-089	1995 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Approximate Site Location

Scale Not Reported

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-7
RGI Project Number 2012-089	2001 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Approximate Site Location

Approximate Scale: 1"=200'

0 100 200 400

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-8
RGI Project Number 2012-089	2007 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



= Approximate Site Location

Approximate Scale: 1"=200'

0 100 200 400

N

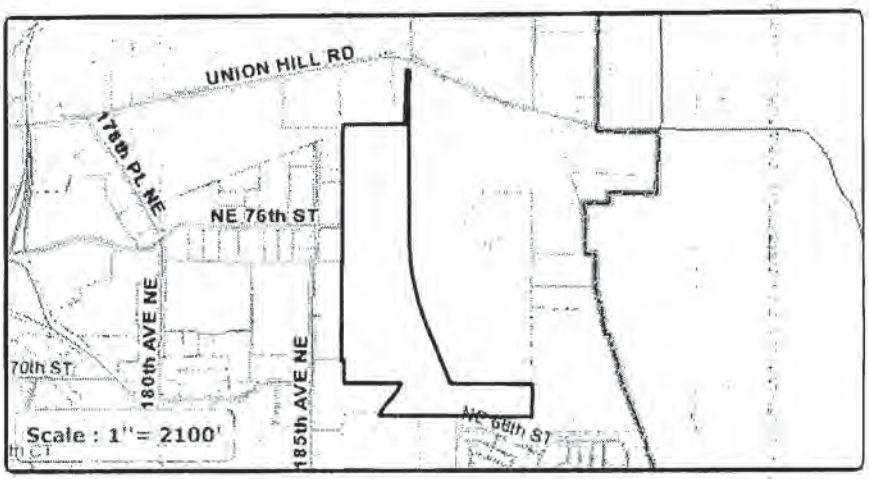
The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure E-9
RGI Project Number 2012-089	2011 Aerial Photograph	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

Parcel Score Card

Property Info

PIN:
0725069129
Redmond GIS Number:
6570
Site Address:
Multiple
Taxpayer Name:
TAYLOR UNION HILL LLC
Taxpayer Address:
15 LAKE BELLEVUE DR
#102
BELLEVUE
WA 98005



Zoning / LandUse

Land Use Function:
Quarrying and stone cutting establishment

Zoning code:
-R-12
-MP
-I

Land Use Structure:
Heavy industrial structures and facilities

Zoning Description:
-Multi-Family Urban
-Manufacturing Park
-Industrial

Land Use Site:
Developed site -- nonbuilding structures

Overlay Zoning Descr:
Commercial Cluster RCDG 20C.70.45-010

Land Use Designation:
-Multi-Family Urban
-Manufacturing Park

Planning Boundary

Annexation Year:
1995

Land Division (Plat, Short Plat, etc...):
N/A

Annexation Effective Date:
06/19/1995

Neighborhood:
SE Redmond

Annexation Name:
Southeast Redmond

Critical Areas

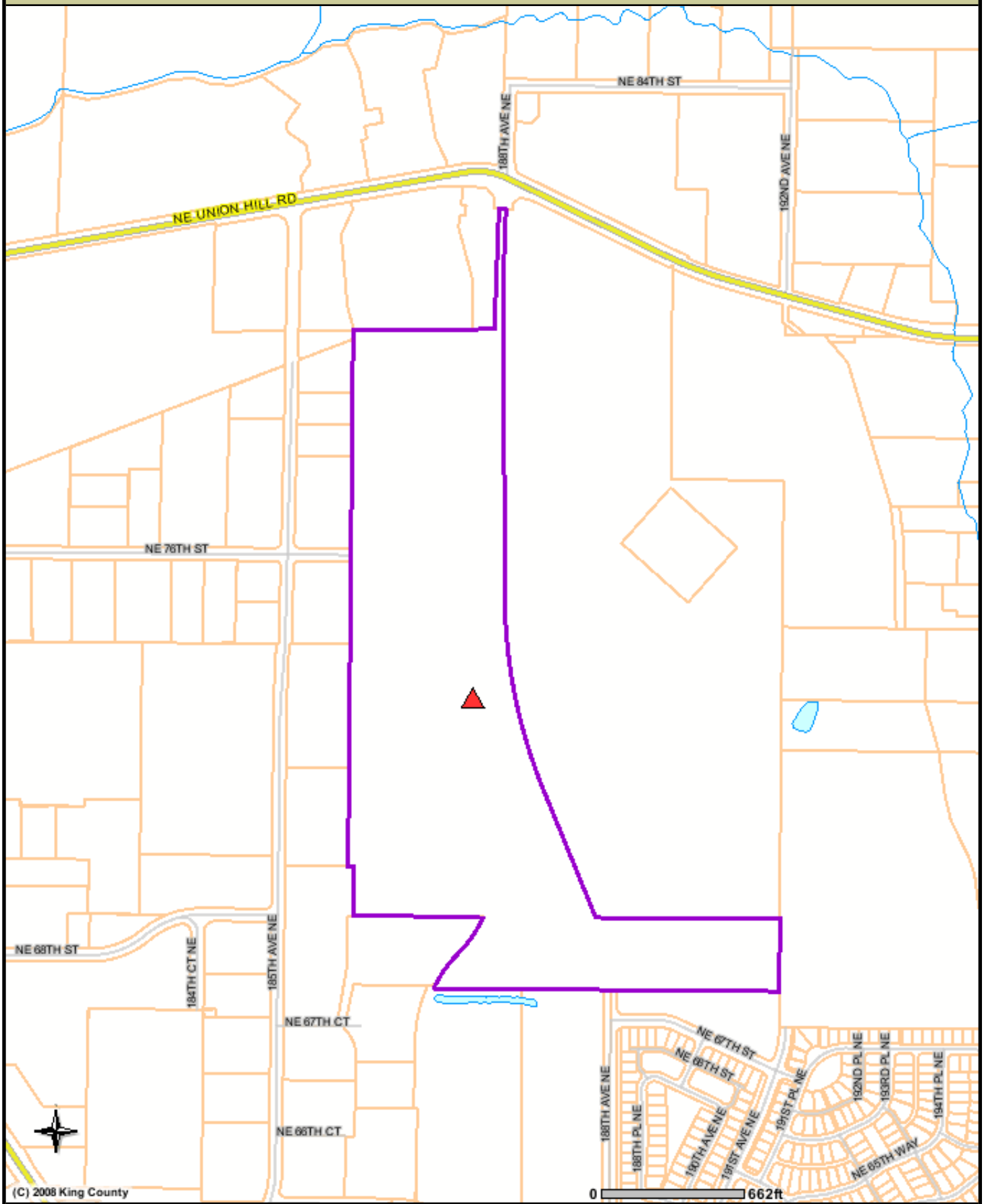
Class I-IV Stream:	No	**Wellhead Protection Zone:**	1,2,3,4
Class I Stream Buffer:	No	**NGPA Easements:**	No
Erosion Hazard:	Yes	**Open Space Easements:**	No
Landslide Hazard:	Yes	**TDR Easement**	No
Wetlands:	Yes	**Seismic Hazard:**	**Yes**
Flooded Areas:	No		

Construction Projects

Project Name:	188TH AVE NE/NE 76TH ST IM	**Project Review:**	CIVIL
Project Lead:	LRIGG	**Project Status:**	REV
Project Type:	TRANS		

Printed by on: 02/27/2012 3:12:49 PM

iMAP



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Date: 2/14/2012 Source: King County iMAP - Property Information (http://www.metrokc.gov/GIS/iMAP)

King County

New Search | Property Tax Bill | Map This Property | Glossary of Terms | Area Report | Print Property Detail

PARCEL DATA

Parcel	072506-9129	Jurisdiction	REDMOND
Name	TAYLOR UNION HILL LLC	Levy Code	2020
Site Address		Property Type	C
Geo Area	90-55	Plat Block / Building Number	
Spec Area	0-0	Plat Lot / Unit Number	
Property Name	VACANT INDUSTRIAL LAND	Quarter-Section-Township-Range	NE-7 -25-6

Legal Description

LOT 2 REDMOND BLA #L070381 REC #20080311900009 SD BLA BEING POR LOT A CADMAN GRAVEL COMPANY BSP AS AMENDED IN VOL 150 PGS 7-9 TGW POR S 1/2 OF SW 1/4 OF SE 1/4 STR 06-25-06 & POR OF N 1/2 OF NW 1/4 OF SE 1/4 & POR OF NE 1/4 OF NE 1/4 OF SW 1/4 & POR OF E 1/2 OF E 1/2 OF NW 1/4 & POR OF W 1/2 OF NE 1/4 STR 07-25-06

LAND DATA

Highest & Best Use As If Vacant	MANUFACTURING	Percentage Unusable	0
Highest & Best Use As Improved	(unknown)	Unbuildable	NO
Present Use	Vacant(Industrial)	Restrictive Size Shape	NO
Base Land Value SqFt	5	Zoning	MP
Base Land Value	13,202,200	Water	WATER DISTRICT
% Base Land Value Impacted	100	Sewer/Septic	PUBLIC
Base Land Valued Date	11/17/2011	Road Access	PUBLIC
Base Land Value Tax Year	2013	Parking	
Land SqFt	2,640,443	Street Surface	PAVED
Acres	60.62		

Views

Rainier	
Territorial	
Olympics	
Cascades	
Seattle Skyline	
Puget Sound	
Lake Washington	
Lake Sammamish	
Lake/River/Creek	
Other View	

Waterfront

Waterfront Location	
Waterfront Footage	
Lot Depth Factor	
Waterfront Bank	
Tide/Shore	
Waterfront Restricted Access	
Waterfront Access Rights	NO
Poor Quality	
Proximity Influence	NO

Designations

Historic Site	
Current Use	
Nbr Bldg Sites	
Adjacent to Golf Fairway	NO
Adjacent to Greenbelt	NO
Other Designation	NO
Deed Restrictions	NO
Development Rights Purchased	NO
Easements	NO
Native Growth Protection Easement	NO
DNR Lease	NO

Nuisances

Topography	NO
Traffic Noise	
Airport Noise	
Power Lines	NO
Other Nuisances	NO

Problems

Water Problems	NO
Transportation Concurrency	NO
Other Problems	NO

Environmental

Environmental	NO

BUILDING

Reference Links:

- King County Tax Links
- Property Tax Advisor
- Washington State Department of Revenue (External link)
- Washington State Board of Tax Appeals (External link)
- Board of Appeals/Equalization
- Districts Report
- iMap
- Recorder's Office

Scanned images of surveys and other map documents

TAX ROLL HISTORY

Account	Valued Year	Tax Year	Omit Year	Levy Code	Appraised Land Value	Appraised Imps Value	Appraised Total Value	New Dollars	Taxable Land Value	Taxable Imps Value	Taxable Total Value	Tax Value Reason
072506912905	2011	2012		2020	$13,202,200	$0	$13,202,200	$0	$13,202,200	$0	$13,202,200	
072506912905	2010	2011		2020	$13,202,200	$0	$13,202,200	$0	$13,202,200	$0	$13,202,200	
072506912905	2009	2010		2020	$13,202,200	$0	$13,202,200	$0	$13,202,200	$0	$13,202,200	
072506912905	2008	2009		2020	$0	$0	$0	$0	$11,182,600	$0	$11,182,600	
072506912905	2007	2008		2080	$11,182,600	$0	$11,182,600	$0	$11,182,600	$0	$11,182,600	
072506912905	2006	2007		2080	$9,416,900	$0	$9,416,900	$0	$9,416,900	$0	$9,416,900	
072506912905	2005	2006		2080	$8,239,800	$0	$8,239,800	$0	$8,239,800	$0	$8,239,800	
072506912905	2004	2005		2080	$0	$0	$0	$0	$8,255,700	$0	$8,255,700	
072506912905	2003	2004		2080	$7,076,300	$0	$7,076,300	$0	$7,076,300	$0	$7,076,300	
072506912905	2002	2003		2080	$7,076,300	$0	$7,076,300	$0	$7,076,300	$0	$7,076,300	
072506912905	2001	2002		2080	$7,084,100	$0	$7,084,100	$0	$7,084,100	$0	$7,084,100	
072506912905	2000	2001		2080	$0	$0	$0	$0	$4,722,700	$0	$4,722,700	
072506912905	1999	2000		2080	$4,722,700	$0	$4,722,700	$0	$4,722,700	$0	$4,722,700	
072506912905	1998	1999		2080	$4,722,700	$0	$4,722,700	$0	$4,722,700	$0	$4,722,700	
072506912905	1997	1998		2080	$0	$0	$0	$0	$4,722,700	$0	$4,722,700	
072506912905	1996	1997		2080	$0	$0	$0	$0	$4,700,000	$0	$4,700,000	
072506912905	1994	1995		2080	$0	$0	$0	$0	$4,700,000	$0	$4,700,000	
072506912905	1993	1994		2080	$0	$0	$0	$0	$2,326,000	$0	$2,326,000	
072506912905	1992	1993		2080	$0	$0	$0	$0	$2,326,000	$0	$2,326,000	
072506912905	1990	1991		2080	$0	$0	$0	$0	$2,320,000	$0	$2,320,000	
072506912905	1989	1990		2080	$0	$0	$0	$0	$2,320,000	$0	$2,320,000	

SALES HISTORY

Excise Number	Recording Number	Document Date	Sale Price	Seller Name	Buyer Name	Instrument	Sale Reason
2342044	20080417002213	3/18/2008	$209,313.00	TAYLOR UNION HILL LLC+MAGNUSSEN-CADMAN LLC	LEHIGH-CEMENT COMPANY	Quit Claim Deed	None
2257507	20061226002295	12/22/2006	$0.00	TAYLOR PAUL+KAREN	TAYLOR UNION HILL LLC	Quit Claim Deed	Other
2188048	20060223000576	12/31/2005	$0.00	MAGNUSSEN JON M SR	MAGNUSSEN CADMAN LLC	Quit Claim Deed	Other
2010349	20031226000901	6/19/2003	$18,332.00	TAYLOR PAUL+KAREN	REDMOND CITY OF	Statutory Warranty Deed	None
1735257	20000207001674	1/27/2000	$0.00	TAYLOR DEVELOPMENT INC	REDMOND CITY OF	DEED	Other
1351810	199401032666	12/13/1993	$0.00	MASTRO MICHAEL R	TAYLOR PAUL+KAREN+MAGNUSSEN J	Quit Claim Deed	Foreclosure

REVIEW HISTORY

PERMIT HISTORY

Permit Number	Permit Description	Type	Issue Date	Permit Value	Permit Status	Issuing Jurisdiction	Reviewed Date
B090119	Construction of stormwater detention vault	Building, New	6/9/2010	$260,000	Complete	REDMOND	7/20/2011

HOME IMPROVEMENT EXEMPTION

New Search | Property Tax Bill | Map This Property | Glossary of Terms | Area Report | Print Property Detail

Updated: Sept. 7, 2011

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JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER	JOINT OWNERSHIP DELINQUENT (A)	PARCEL STATUS (A)
072506 9129 05		FR ACTIVE TO

PRIOR NAME AND ADDRESS — DATE (S-MMYY)
(MORT. NO.) (LOAN NO.)

1. TAYLOR PAUL 560691
2. 7947 159TH PL NE #100
3. REDMOND WA 98052 ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (S-MMYY) (N)
(MORT. NO.) (LOAN NO.)

1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR/PRIOR ROLL YEAR	CUR/PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD

SPECIAL SEG. CLERK ACTION (A)

F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR

DATE	
SALE PRICE	
SOURCE	

ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	C23774-A1
FOLIO MAP	510
SEG. CLERK	A-B ←
PROC. CLERK	

COMPTROLLER
BY/DATE

(T)

	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR	97		T	2080		4700000	0		0				.00	.00		0.00	0.00
TO																	
FR	96		T	2080		4700000	0		0				.00	.00		64,014.61	32,007.30
TO																	
FR	95		T	2080		4700000	0		0				.00	.00		63,784.64	63,784.64
TO																	

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO. (V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
1	07-25-06	9129	1				
2	POR OF SECTIONS 6 & 7-25-06 -		2				
3	BEG AT CALCULATED POSITION		3				
4	FOR THE N 1/4 CORNER OF		4				
5	SECTION 7 SAID POSITION BEARS		5				
6	N 82-47-17 E 1.28 FT FROM		6				
7	EXISTING CONCRETE MONUMENT		7				
8	TH S 89-27-29 W 34.21 FT TO POB		8				
9	TH N 16-49-36 E 27.74 FT TO		9				
10	BEG OF AN 840 FT RADIUS		10				
11	TANGENT CURVE TO LEFT TH NLY		11				
12	ALG SAID 840 FT RADIUS CURVE		12				
13	THRU C/A OF 14-36-45 ARC		13				
14	DISTANCE OF 214.23 FT		14				
15	TH N 02-12-51 E 439.64 FT		15				

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER	JOINT OWNERSHIP DELINQUENT (A)	PARCEL STATUS (A)
07250- 0129 05 (CONTINUED)		FR / TO

PRIOR NAME AND ADDRESS — DATE

(MORT. NO.) (LOAN NO.) — (S-MMYY)

1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N)

(MORT. NO.) (LOAN NO.) — (S-MMYY)

1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD

SPECIAL SEG. CLERK ACTION (A)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	

ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	

COMPTROLLER
BY/DATE

(T)

	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID
FR	94		T	2080		2326000	0		0				.00	.00		32,392.39	32,392.39
TO																	
FR	93		T	2080		2326000	0		0				.00	.00		31,046.47	31,046.47
TO																	
FR	92		T	2080		1570000	0		0				.00	.00		20,613.72	20,613.72
TO																	

(T)

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO. (V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
16	TO SLY MGN OF NE UNION HILL		16				
17	ROAD & A PT ON 288.31 FT		17				
18	RADIUS CURVE TO RGT FROM		18				
19	WHICH THE CENTER BEARS		19				
20	S 20-50-17 W 288.31 FT		20				
21	DISTANT TH SELY ALONG SAID CURVE		21				
22	& SLY MGN THRU C/A OF 05-15-29		22				
23	ARC DISTANCE OF 26.46 FT		23				
24	TH S 63-54-14 E 77.07 FT		24				
25	TAP OF CUSP & BEG OF CURVE		25				
26	TO LEFT FROM WHICH		26				
27	THE CENTER BEARS		27				
28	S 26-05-46 W 25 FT TH WLY		28				
29	& SLY ALONG SAID CURVE		29				

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER

JOINT OWNERSHIP DELINQUENT (A)

PARCEL STATUS (A)

072506 9129 05 (CONTINUED)

FR
TO

PRIOR NAME AND ADDRESS — DATE

(MORT. NO.) (LOAN NO.) (S-MMYY)

1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N)

(MORT. NO.) (LOAN NO.) (S-MMYY)

1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD

SPECIAL SEG. CLERK ACTION (A)

F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR

DATE
SALE PRICE
SOURCE

ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	

COMPTROLLER

BY/DATE

(T)		ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR	91		T	2080		2320000	0		0					.00	.00		29,449.22	29,449.22
TO																		
FR																		
TO																		
FR																		
TO																		

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO. (V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
30	THRU C/A OF 113-52-55		30				
31	ARC DISTANCE OF 49.69 FT		31				
32	TH S 02-12-51 W 375.99 FT		32				
33	TO BEG OF 900 FT RADIUS TANGENT		33				
34	CURVE TO RIGHT TH SLY ALONG SAID		34				
35	CURVE THRU C/A OF 14-36-45 ARC		35				
36	DISTANCE OF 229.53 FT		36				
37	TH S 16-49-36 W 112.22 FT		37				
38	TO BEG OF 700 FT RADIUS TANGENT		38				
39	CURVE TO LEFT TH SLY ALONG SAID		39				
40	CURVE THRU C/A OF 39-29-28 ARC		40				
41	DISTANCE OF 482.47 FT		41				
42	TH S 22-39-52 E 4.32 FT		42				
43	TO BEG OF 700 FT RADIUS TANGENT		43				

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER

JOINT OWNERSHIP DELINQUENT (A)

PARCEL STATUS (A)

072506 9129 05 (CONTINUED)

FR
TO

PRIOR NAME AND ADDRESS — DATE

(MORT. NO.) (LOAN NO.) (S-MMYY)

1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N)

(MORT. NO.) (LOAN NO.) (S-MMYY)

1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD

SPECIAL SEG. CLERK ACTION (4)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	

ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	

COMPTROLLER

BY/DATE

(T) TAX ROLL (T)

	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID
FR																FR	
TO																TO	
FR																FR	
TO																TO	
FR																FR	
TO																TO	

PRIOR LEGAL DESCRIPTION / NEW LEGAL DESCRIPTION (V) (V)

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.) / (BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO.	NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.) / (BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION
44	CURVE TO RGT TH SLY ALONG SAID	44				
45	CURVE THRU C/A OF 22-26-33	45				
46	ARC DISTANCE OF 274.19 FT	46				
47	TH S 0-13-19 E 375.79 FT	47				
48	TO BEG OF 3400 FT RADIUS	48				
49	TANGENT CURVE OF LEFT TH	49				
50	SLY ALONG SAID CURVE THRU	50				
51	C/A OF 25-41-33 ARC	51				
52	DISTANCE OF 1524.62 FT	52				
53	TH S 25-54-52 E 116.97 FT	53				
54	TO BEG OF 900 FT RADIUS TANGENT	54				
55	CURVE TO RGT TH SLY ALONG SAID	55				
56	CURVE THRU C/A OF 16-15-24 ARC	56				
57	DISTANCE OF 255.36 FT TO S	57				

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER 072506 9129 05 (CONTINUED)

JOINT OWNERSHIP DELINQUENT (A) | PARCEL STATUS (A) | FR | TO

PRIOR NAME AND ADDRESS — DATE (S-MMYY)
(MORT. NO.) (LOAN NO.)
1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N) (S-MMYY)
(MORT. NO.) (LOAN NO.)
1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD
SPECIAL SEG. CLERK ACTION (A)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	
ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	
COMPTROLLER	
BY/DATE	

(T)	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR																	
TO																	
FR																	
TO																	
FR																	
TO																	

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO.	(V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
58	LINE OF N 1/2 OF N 1/2 OF		58					
59	NW 1/4 OF SE 1/4 OF SECTION 7		59					
60	TH N 89-28-30 W 16.45 FT		60					
61	TO NE CORNER OF W 550 FT OF		61					
62	S 3/4THS OF NW 1/4 OF SE 1/4		62					
63	OF SECTION 7 TH ALONG E LINE		63					
64	S 00-17-45 W 1197.70 FT		64					
65	THE S LINE OF W 550 FT OF		65					
66	N 200 FT OF SW 1/4		66					
67	OF SE 1/4 OF SECTION 7		67					
68	TH N 89-12-37 W 550.02 FT		68					
69	TH N 89-13-43 W 660.02 FT		69					
70	TO W LINE OF SAID SW 1/4 OF		70					
71	SE 1/4 TH N 00-17-46 E 166.85 FT		71					

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER | JOINT OWNERSHIP DELINQUENT (A) | PARCEL STATUS (A)

072506 9129 05 (CONTINUED)

PRIOR NAME AND ADDRESS — DATE

(MORT. NO.) (LOAN NO.) (S-MMYY)

1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N)

(MORT. NO.) (LOAN NO.) (S-MMYY)

1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD
SPECIAL SEG. CLERK ACTION (A)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	

ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	

COMPTROLLER

BY/DATE

(T)	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSMT. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR																FR	
TO																TO	
FR																FR	
TO																TO	
FR																FR	
TO																TO	

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO. (V)	NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
72	TO SLY MGN OF JAMES CAMPBELL		72					
73	ROAD TH ALONG THE SLY & ELY		73					
74	MARGIN OF SAID ROAD		74					
75	S 89-14-17 E 49.01 FT TO BEG		75					
76	OF 316.48 FT TANGENT RAD CURVE		76					
77	TO LEFT TH NELY ALONG SAID		77					
78	316.48 FT RAD CURVE THRU		78					
79	C/A OF 90-28-00 ARC		79					
80	DISTANCE OF 499.70 FT		80					
81	TH N 00-17-43 E 467.53 FT		81					
82	TO BEG OF 543.14 FT TANGENT		82					
83	RAD CURVE TO RGT TH NELY ALG		83					
84	SAID CURVE THRU C/A OF 43-00-00		84					
85	ARC DISTANCE OF 407.62 FT		85					

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No. H04049

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER | JOINT OWNERSHIP DELINQUENT (A) | PARCEL STATUS (A)

07250- 2129 05 (CONTINUED) | FROM | TO

PRIOR NAME AND ADDRESS — DATE

(MORT. NO.) (LOAN NO.) — (S-MMYY)

1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N)

(MORT. NO.) (LOAN NO.) — (S-MMYY)

1. $
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD
SPECIAL SEG. CLERK ACTION (A)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	
ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	
COMPTROLLER	
BY/DATE	

(T)

	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR																FR	
TO																TO	
FR																FR	
TO																TO	
FR																FR	
TO																TO	

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.) (BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO. (V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.) (BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
86	TH N 43-17-43 E 20.43 FT	86			
87	TO BEG OF 603.14 FT TANGENT	87			
88	RADIUS CURVE TO LEFT TH NLY	88			
89	ALONG SAID CURVE THRU C/A OF	89			
90	21-01-17 ARC DISTANCE OF	90			
91	221.29 FT TAP ON S LINE OF	91			
92	NW 1/4 OF SECTION 7 AND	92			
93	TERM OF SAID ROAD MARGIN	93			
94	TH N 89-33-48 W 618.95 FT	94			
95	TAP 27 FT E OF W LINE OF E 1/2	95			
96	OF SE 1/4 OF NW 1/4 OF SECTION 7	96			
97	TH N 00-33-35 E 228.87 FT	97			
98	TH N 89-33-48 W 27 FT	98			
99	TO NE CORNER OF PARCEL A OF	99			

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER 072506 9129 05 (CONTINUED)

JOINT OWNERSHIP DELINQUENT (A)

PARCEL STATUS (A) FR TO

PRIOR NAME AND ADDRESS DATE
(MORT. NO.) (LOAN NO.) (S-MMYY)
1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS DATE (N)
(MORT. NO.) (LOAN NO.) (S-MMYY)
1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD
SPECIAL SEG. CLERK ACTION (A)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	
ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	
COMPTROLLER	
BY/DATE	

(T)	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSM'T. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR																FR	
TO																TO	
FR																FR	
TO																TO	
FR																FR	
TO																TO	

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO.	(V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
	CITY OF REDMOND LOT LINE ADJ		100					
1	NO LLR 88-8 RECORDING		101					
2	NO 8812210190		102					
3	TH N 00-33-35 E 2461.20 FT		103					
4	TO N LINE OF SECTION 7		104					
5	TH N 89-27-29 E 613.35 FT		105					
6	TO POB LESS POR LY WITHIN		106					
7	SE 1/4 OF SW 1/4 OF SECTION 6 --		107					
8	AKA LOT 1 OF CITY OF		108					
9	REDMOND LOT LINE REVISION		109					
10	NO 90-21 RECORDING		110					
11	NO 9103259001 --- LESS		111					
12	S 3/4 THS OF NE 1/4 OF SW 1/4		112					
13	LY ELY OF CO ROAD LESS		113					

JOB - ATC001
BATCH NO.

DATE OF CHANGE

REAL PROPERTY SEGREGATION - MERGER
CHANGE ORDER No.

INQUIRY DATE 10/21/96

1/4 SECTION

ACCOUNT NUMBER 072506 9129 05 (CONTINUED)

JOINT OWNERSHIP DELINQUENT (A)

PARCEL STATUS (A) FROM / TO

PRIOR NAME AND ADDRESS — DATE (S-MMYY)
(MORT. NO.) (LOAN NO.)
1.
2.
3. ZIP
4. ZIP

(N) NEW NAME AND ADDRESS — DATE (N) (S-MMYY)
(MORT. NO.) (LOAN NO.)
1. S-
2.
3. ZIP
4. ZIP

(P) PARCELS TAKEN OVER (INCLUDING ORIGINAL) (P)

ACCOUNT NUMBER	CUR./PRIOR ROLL YEAR	CUR./PRIOR OMIT YEAR	LAND ASSESSED VALUE	IMPS. ASSESSED VALUE	F.F. ACRES	BENEFIT ACRES	TOTAL BENEFIT

CODE	TRANSACTION TYPE
R	REGULAR SEG. / MERGE
S	SEG. AND STATUS CHANGE
C	C of D STATUS CHANGE
L	LEGAL ONLY CHANGE
O	ADD OMIT TAXES
P	ADD PRIOR/CURRENT TAX
M	MISC. ASSESSMENT CHARGE
N	NEW PLATS ADDED
E	ESTABLISH NEW PARCEL
D	DELINQUENT PARCEL RECORD
SPECIAL SEG. CLERK ACTION (A)	
F	FORCE DEL. ROLL YEARS
A	LEGAL CORR. - NO AUDIT
Y	ONLY SEG. O/SPLIT CODE
C	CONDOMINIUM - DO NOT SEG. PAID TAX - REFUND OVERPAY

DO NOT SEND TAX BILL CORRECTION FOLLOWS

ASSESSOR	
DATE	
SALE PRICE	
SOURCE	
ROUTING	BY
MAP DEPT.	
SPOT MAP	
FOLIO NO.	
FOLIO MAP	
SEG. CLERK	
PROC. CLERK	
COMPTROLLER	
BY/DATE	

(T)	ROLL YEAR	OMIT YEAR	TAX STATUS	LEVY CODE	OMIT LEVY CODE	LAND ASSESSED VALUE	IMPROVEMENTS ASSESSED VALUE	PRO-RATA DATE MO. DAY	STATE FF ACRES	SR. CIT EX.	NEW CONST.	DRAIN DISTRICT	BENEFIT ACRES	TOTAL BENEFIT	MISC. ASSMT. CHRG.	TOTAL FULL TAX	TOTAL TAX PAID (T)
FR																FR	
TO																TO	
FR																FR	
TO																TO	
FR																FR	
TO																TO	

NO.	PRIOR LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NEW NO.	STARTING NO. (V) NEW LEGAL DESCRIPTION (LOT) OR (SEC. - TWN. - RNG.)	(BLOCK) OR (TL. NO.)	NO.	NEW LEGAL DESCRIPTION (V)
14	W 550 FT OF S 3/4 THS OF		114				
15	NW 1/4 OF SE 1/4 LESS		115				
16	W 550 FT OF N 200 FT OF		116				
17	SW 1/4 OF SE 1/4 LESS		117				
18	E 660 FT OF N 200 FT OF		118				
19	SE 1/4 OF SW 1/4 LESS CO RD		119				
20	----EXHIBIT B----			120 TGW PORTION ELY HALF OF VACATED			
				121 JAMES CAMPBELL RD AS VACATED BY			
				122 CITY OF REDMOND ORD NO 1882			
				123 REC NO 9608020055			

RV1150-18 (DATA ENTRY: RV1100-J)
C/I DATA COLLECTION AND DISPLAY FORM (100)
LOG/DATE: DS3 12/16/96
LEVY CODE: 2080
TAX STATUS: TAXABLE
Q/SC/TW/RG: NE/07/25/06

ACCOUNT NO: 072506-9129-0
FOLIO: 23774-A-1

LAST UPDATE: 12/16/96 BY: RBR
APPR ID: ____ MO__DA__YR__
__/__/__/__

AREA: 510
KIRKLAND/REDMOND

LAND USE: 936
VACANT LAND-IN

PROP NAME: VACANT INDUSTRIAL LAND (105)

PROPERTY ADDRESS: (110)

RB NUM FR PR STREET NAME TY SU

(112) COMMERCIAL/INDUSTRIAL LAND RECORD

ZONING JURIS/__	REDMOND	% USABLE/_	100
ZONE ACTUAL/__	MP-P	TOPOGRAPHY/_	LEVEL
ZONE CODE/__	INDUSTRL	SHAPE/_	IRREGULAR
LOT SIZE/_____.__	54.21	ACCESS/_	LIMITED
UNIT/S_A_	ACRES	VISUAL EXPOSURE/_	STANDARD
CORNER LOT/Y_N_	NO	OPEN SPACE CLASS.	NO
WATERFRONT ON/_	NONE	RESTRICTIVE CONDITIONS/Y_N_	NO
		CONTAMINATED PROP NO_ HW_ HC_ UT_ AS_	NO

(335) PERMIT ACTIVITY

ACT	BLDG:	TYPE	PERMIT DATE	VALUE	% COMPLETE
---					% ___%
---					% ___%
ADD	___	____	__/__/__	_____	% ___%
					___%

(510) ++DEL ALL BLDGS /__/+++++++ PROPERTY WIDE IMPROVEMENTS SUMMARY

DESC:

YEAR BLT/__ 0 CLASS/__
EFF YEAR/__ 0 QUAL/__
LOT COVERAGE/_____ 0
NUMBER OF UNITS/___ 0

TOTAL BLDGS ON PROPERTY/__ 0
GROSS AREA (ALL BLDGS)/_____ 0
NET AREA (ALL BLDGS)/_____ 0
MULTI-USE/Y_N_
MULTI-PARCEL PROP/Y_N_

(500) INDIVIDUAL BUILDING DETAILS

BLD NUM	CL AS	QU AL	DESCRIPTION	NU ST	GROSS AREA	NET AREA	YB/EY	% CMP	HE AT	SP KL
#1										N
#2	--	-	----------	--	------	------	__/__	--	--	N
#3	--	-	----------	--	------	------	__/__	--	--	N
#4	--	-	----------	--	------	------	__/__	--	--	N
	--	-	----------	--	------	------	__/__	--	--	N

(520) INTERIOR SECTION DETAILS

BLD#	SECT 1 AREA	SECT 1 STR-HT	SECT 2 AREA	SECT 2 STR-HT	SECT 3 AREA	SECT 3 STR-HT	SECT 4 AREA	SECT 4 STR-HT
1								
2	------	-- -/__	------	-- -/__	------	-- -/__	------	-- -/__
3	------	-- -/__	------	-- -/__	------	-- -/__	------	-- -/__
4	------	-- -/__	------	-- -/__	------	-- -/__	------	-- -/__
	------	-- -/__	------	-- -/__	------	-- -/__	------	-- -/__

(589) ACCESSORY IMPROVEMENT SUMMARY

ACT	ENT	DESCRIPTION	ACT	ENT	DESCRIPTION
/__/	(1)	_____	/__/	(2)	_____

(160) COMMENTS

_____

)0345

**JOB RVI100 C/I PARCEL VALUE ANALYSIS WORKSHEET PARCEL NO: 072506-9129-0
RPT RVI150-20 PRINTED ON: 10/23/93 FOLIO: 23774-A-1
PROP NAME: VACANT INDUSTRIAL LAND Q-S-T-R: NE-07-25-06
PROP ADDR: 19147 AREA: 510 LUC: 936
CLASS: QUAL: TAX STATUS: TAXABLE
YR-BLT/EFF-YR: / #STY: #UNITS: LOG/DATE: 510 10/23/93
GBA/NRA: / AVG-UNIT-SIZE: SEG-MERGE DATE:

* * * * * * * ECONOMIC INCOME * * * * * * * * * * * * * * * * *

USE	AREA	RATE	GROSS	VCL	EXP	NET INC
		$				
		$				
		$				
		$				
		$				
		$				

* * * * ECONOMIC INCOME APPROACH * * * * * * * * *

NET INCOME _____
LESS PER. PROP. INCOME _____
LESS LAND INCOME _____
_____X(___+___) = _____
LAND VALUE INT + TAX
NET IMPROVEMENT INCOME _____
CAPITALIZATION RATE _____
_____ + _____ + _____ = _____
INT + TAX + RECAP
CAPITALIZED IMP. VALUE _____
LAND VALUE _____
EXCESS LAND/ADD LAND _____
TOTAL BY INCOME APPROACH $_____
= $_____/SF

* * * * OTHER VALUE INDICATORS * * * * *

NET INC( )/( ) OAR=_____
GR INC ( )X( ) GRM=_____
UNITS( )X( ) $/UNIT=_____
GBA ( )X( ) $/SF=_____
RA ( )X( ) $/SF=_____

* * * * * * * * LAND * * * * * * * *

ZONE/TYPE	AREA	$/SF	VALUE
			=$
			=$
	2.39406	6.25	=$ 4689253
TOTAL	53.94AC		=$

RATIOS: (SF LAND)/(SF GBA) = .0
(SF LAND)/(SF RA) = .0

* * * * * SELECTED VALUE * * * * * * * *

APPRAISER _____ LAND $ _____
DATE _____ IMPS $ _____
TOTAL $ _____
=$_____/UNIT OR =$_____/SF

* * * * COST APPROACH * * * *

OCC#_____ CL__ RANK__
#STY __ STY HT __ EFF AGE__
HEAT __ ELEV __ SPR_____
AREA _____ PERIM____
MISC ___CODE _____SF
___CODE _____SF
___CODE _____SF

ACCY IMPS	AREA	COST	DEP	RCNLD

M&S BASE				
HEAT				
SPRINKLER				
ELEVATOR				
TOT BASE				
STY FACT				
HGT FACT				
AREA FACT				
REF COST				
COST MULT				
LCL MULT				
FINAL COST				

STY/BLDG	AREA	FIN COST	RCN-BLDG#1
SUB TOTAL			

PHYSICAL DEPRECIATION _____
ECON-FUNCT OBSOLESCENCE _____
DEPRECIATED IMP VALUE _____
ACCESSORY IMPS(SEE ABOVE) _____
TOTAL IMPROVEMENTS _____
LAND _____
TOTAL BY COST APPROACH _____
=$_____/SF

* * * * * * * * * * * * * * * * SALES & COMPARABLES * * * * * * * * * * * * * *

PARCEL #	E-NUMBER	SALES PRICE	VC	DATE	$/RA	REMARKS

* * * * * * * * * * * * * * * * APPEAL ACTIVITY * * * * * * * * * * * * * * * *

PETITION	CHG ORDER	DATE	FROM-LAND	TO-LAND	FROM-IMPS	TO-IMPS

OTHER APPEALS:

* * * * * * * * * * * * * * * * * * *COMMENTS * * * * * * * * * * * * * * * * * * *

04849

**JOB RV1100 C/I PARCEL VALUE ANALYSIS WORKSHEET PARCEL NO: 072506-9129-0
RPT RV1150-20 PRINTED ON: 05/15/93 FOLIO: 23774-A-1
PROP NAME: VACANT LAND Q-S-T-R: NE-07-25-06
PROP ADDR: 7041 AREA: 510 LUC: 937
CLASS: QUAL: TAX STATUS: TAXABLE
YR-BLT/EFF-YR: / #STY: #UNITS: LOG/DATE: 510 05/15/93
GBA/NRA: / AVG-UNIT-SIZE: SEG-MERGE DATE:

* * * * * * * ECONOMIC INCOME * * * * * * * * * * * * * * * COST APPROACH * * * *

USE	AREA	RATE	GROSS	VCL	EXP	NET INC
		$				
		$				
		$				
		$				
		$				
		$				

* * * * ECONOMIC INCOME APPROACH * * * * * * *

NET INCOME
LESS PER. PROP. INCOME
LESS LAND INCOME
_____ X (___ + ___) =
LAND VALUE INT + TAX
NET IMPROVEMENT INCOME
CAPITALIZATION RATE
_____ + _____ + _____ =
INT + TAX + RECAP
CAPITALIZED IMP. VALUE
LAND VALUE
EXCESS LAND/ADD LAND
TOTAL BY INCOME APPROACH $

= $_____/SF

* * * * OTHER VALUE INDICATORS * * * * *

NET INC ( ) / ( ) OAR=
GR INC ( ) X ( ) GRM=
UNITS ( ) X ( ) $/UNIT=
GBA ( ) X ( ) $/SF=
RA ( ) X ( ) $/SF=

* * * * * * * * * LAND * * * * * * * * *

ZONE/TYPE	AREA	$/SF	VALUE
			=$
			=$
	53,184	SITE	=$236,2000
TOTAL	~~79.05~~ AC		=$

RATIOS: (SF LAND) / (SF GBA) = .0
(SF LAND) / (SF RA) = .0

* * * * * SELECTED VALUE * * * * * * * *

APPRAISER RKM LAND $ 236,2000
DATE 6/15/93 IMPS $ 0
TOTAL $ 236,2000

=$_____/UNIT OR =$_____/SF

OCC#	CL	RANK
#STY	STY HT	EFF AGE
HEAT	ELEV	SPR
AREA		PERIM
MISC	CODE	SF
	CODE	SF
	CODE	SF

ACCY IMPS	AREA	COST	DEP	RCNLD

M&S BASE				
HEAT				
SPRINKLER				
ELEVATOR				
TOT BASE				
STY FACT				
HGT FACT				
AREA FACT				
REF COST				
COST MULT				
LCL MULT				
FINAL COST				

STY/BLDG	AREA	FIN COST	RCN-BLDG#1

SUB TOTAL
PHYSICAL DEPRECIATION
ECON-FUNCT OBSOLESCENCE
DEPRECIATED IMP VALUE
ACCESSORY IMPS (SEE ABOVE)
TOTAL IMPROVEMENTS
LAND
TOTAL BY COST APPROACH =$_____/SF

* * * * * * * * * * * * * * * SALES & COMPARABLES * * * * * * * * * * * * *

PARCEL #	E-NUMBER	SALES PRICE	VC	DATE	$/RA	REMARKS

* * * * * * * * * * * * * * * * * * APPEAL ACTIVITY * * * * * * * * * * * * * * * *

PETITION	CHG ORDER	DATE	FROM-LAND	TO-LAND	FROM-IMPS	TO-IMPS

OTHER APPEALS:

* *COMMENTS *

)2170

RV1150-3 (DATA ENTRY: RV1100-5)
C/I PROPERTY VALUE SUMMARY RECORD

ACCOUNT NO. : 072506-9129-0

LOG/DATE : 510 05/15/93
STATUS :CURRENT 05/15/93
BLDG.CNT : 00
COMP.TYPE : 0
CNDO/TWN H:

FOLIO NO. : 23774-A-1
SEC-TWN-RNG : NE-07-25-06
AREA : 510
LEVY CODE : 2080
TAX STATUS : TAXABLE

* ACTION CODE
__1. COST COMP WITHOUT COMP SHEET
__2. COST COMP WITH COMP SHEET
__3. FINAL VALUE/DATA UPDATE
__4. REVIEW WITHOUT VALUE CHANGE
__5. REVIEW WITH VALUE CHANGE
__6. NO VALUE CHANGE, MOVE TO STATIC RBR 6/15/93

* 150 * REVIEW STATUS

MAINTENANCE REVALUE, POST TO __ ROLL

* 130 * VALUE SUMMARY

CONTROL VAL 002326000 SEQ 01 ___

	LAND	IMP	RLYR	TOTAL	DATE	TYPE	APR	RVR
ROLL	2326000	0	94		05/03/93	CO#: D 1953	SEGREGATION	
LAST	3443300	0		3443300	03/09/92	S	SWI	
APR								
RVR					__/__/__			

NEW CONSTRUCTION _

* 335 * BUILDING PERMIT ACTIVITY

	BLDG:	TYPE	PERMIT DATE	VALUE	% COMPLETE
ADD	___	___	___/___/___		____ %

* LAST COST INDEX UPDATE 01/01/77

* 125 * LAND VALUE SUMMARY

CHG	LINE	DESCRIPTION	ASFZ	UNIT VALUE		SIZE		VALUE
___	___		___		X		=	
___	___		___		X		=	
___	___		___		X		=	
___	___		___		X		=	
___	___		___		X		=	

LAND VALUE TOTAL $0

* 160 * NOTE:

02171

JOB RVI100 C/I PARCEL VALUE ANALYSIS WORKSHEET PARCEL NO: 072506-9129-0
RPT RVI150-20 PRINTED ON: 11/11/91 FOLIO: 23774-A-1
PROP NAME: VACANT LAND Q-S-T-R: NE-07-25-06
PROP ADDR: 19147 AREA: 510 LUC: 937
CLASS: QUAL: TAX STATUS: TAXABLE
YR-BLT/EFF-YR: / #STY: #UNITS: LOG/DATE: 510 11/11/91
GBA/NRA: / AVG-UNIT-SIZE: SEG-MERGE DATE:

USE	AREA	RATE	GROSS	VCL	EXP	NET INC
		$				
		$				
		$				
		$				
		$				
		$				

OCC#_____ CL__ RANK__
#STY __ STY HT __ EFF AGE__
HEAT __ ELEV __ SPR_____
AREA _____ PERIM____
MISC ___CODE _____SF
___CODE _____SF
___CODE _____SF

ECONOMIC INCOME APPROACH

NET INCOME _____
LESS PER. PROP. INCOME _____
LESS LAND INCOME _____
_____X(____+____) = _____
LAND VALUE INT + TAX
NET IMPROVEMENT INCOME _____
CAPITALIZATION RATE
_____ + _____ + _____ = _____
INT + TAX + RECAP
CAPITALIZED IMP. VALUE _____
LAND VALUE _____
EXCESS LAND/ADD LAND _____
TOTAL BY INCOME APPROACH $_____
= $_____/SF

OTHER VALUE INDICATORS

NET INC( )/( )OAR=_____
GR INC ( )X( )GRM=_____
UNITS( )X( )$/UNIT=_____
GBA ( )X( )$/SF=_____
RA ( )X( )$/SF=_____

LAND

ZONE/TYPE	AREA	$/SF	VALUE
	3,443,311	1.00	=$3,443,311
			=$_____
			=$_____
TOTAL	79.05AC		=$_____

RATIOS: (SF LAND)/(SF GBA)= .0
(SF LAND)/(SF RA) = .0

SELECTED VALUE

APPRAISER SW/ LAND $ 3,443,300
DATE 3/9/92 IMPS $ _____0
TOTAL $ 3,443,300
=$_____/UNIT OR =$_____/SF

COST APPROACH

ACCY IMPS	AREA	COST	DEP	RCNLD

M&S BASE				
HEAT				
SPRINKLER				
ELEVATOR				
TOT BASE				
STY FACT				
HGT FACT				
AREA FACT				
REF COST				
COST MULT				
LCL MULT				
FINAL COST				

STY/BLDG	AREA	FIN COST	RCN-BLDG#1

SUB TOTAL _____
PHYSICAL DEPRECIATION _____
ECON-FUNCT OBSOLESCENCE _____
DEPRECIATED IMP VALUE _____
ACCESSORY IMPS(SEE ABOVE)_____
TOTAL IMPROVEMENTS _____
LAND _____
TOTAL BY COST APPROACH _____
=$_____/SF

SALES & COMPARABLES

PARCEL #	E-NUMBER	SALES PRICE	VC	DATE	$/RA	REMARKS

APPEAL ACTIVITY

PETITION	CHG ORDER	DATE	FROM-LAND	TO-LAND	FROM-IMPS	TO-IMPS

OTHER APPEALS:

COMMENTS

_____

_____

_____

_____

_____

_____

_____

_____

14984

RVI150-3

C/I PROPERTY VALUE SUMMARY RECORD

ACCOUNT NO. : 072506-9129-0

LOG/DATE : 510 06/02/90
STATUS :CURRENT 06/02/90
BLDG.CNT : 00
COMP.TYPE : 0
CNDO/TWN H:

FOLIO NO. : 23774-A-1
SEC-TWN-RNG : NE-07-25-06
AREA : 510
LEVY CODE : 2080
TAX STATUS : TAXABLE

* ACTION CODE
__1. COST COMP WITHOUT COMP SHEET
__2. COST COMP WITH COMP SHEET
X 3. FINAL VALUE/DATA UPDATE
__4. REVIEW WITHOUT VALUE CHANGE
__5. REVIEW WITH VALUE CHANGE
__6. NO VALUE CHANGE,MOVE TO STATIC

* 150 * REVIEW STATUS

MAINTENANCE REVALUE,POST TO 91 ROLL

* 130 * VALUE SUMMARY

CONTROL VAL 002320000 SEQ 01 ___

	LAND	IMP	RLYR	TOTAL	DATE	TYPE	APR	RVR
ROLL	2320000	0	00		04/30/90 CO#:			
LAST	0	0			00/00/00			
APR	2,320,000	0		2,320,000	06/12/90	S	JP1	JP1
RVR	----------	----------		----------	--/--/--	--	-----	-----

NEW CONSTRUCTION _

* 335 * BUILDING PERMIT ACTIVITY

	BLDG:	TYPE	PERMIT DATE	VALUE	% COMPLETE
ADD	___	___	___/___/___	----------	------ %

* LAST COST INDEX UPDATE 01/01/77

* 125 * LAND VALUE SUMMARY

CHG	LINE	DESCRIPTION	ASFZ	UNIT VALUE		SIZE		VALUE
___	___	----------	___	----------	X	----------	=	----------
___	___	----------	___	----------	X	----------	=	----------
___	___	----------	___	----------	X	----------	=	----------
___	___	----------	___	----------	X	----------	=	----------
___	___	----------	___	----------	X	----------	=	----------

LAND VALUE TOTAL $0

* 160 * NOTE:

03653

25

1. DISTRICT
LIMITS
CODE NO.

2. ADDITION TAX LOTS
SECTION 7 TWP. 25 N. RANGE 6 EWM BLOCK TRACT OR LOT NO. TAX LOT 26
DESCRIPTION E½ of E½ of NW¼ Also W 8¼' of N½ of NW¼ of NE¼ Less 64M Rights Less Co. Rd. ~~E½ of NE¼ OF NW¼ TGW W 8¼' OF N½ OF NW¼ OF NE¼ LESS C & M RTS LESS~~ CO RD. and per Vac Rd
W 8¼' OF N½ OF NW¼ OF NE¼ LESS C & M RTS ~~ALSO E½ OF NE¼ OF NW¼ (INCLUDING VAC RD)~~

3. ADDRESS OF PROPERTY CONTR 072506-026 2770 2080 ~~0110 0711~~
4. FEE OWNER Mary Field

LAND INFORMATION

1. SIZE OF TRACT OR LOT X TOPOGRAPHY GRADE FT. 2. STREET-ROAD SURFACE
ALLEY 3. SIDEWALK SEWAGE WATER PUMP DRAINAGE
4. LANDSCAPING CONDITION 5. TREND VALUE OF LOT $ FRONT STREET
FACTOR $ SIDE STREET FACTOR $ DEPTH FACTOR $ CREDIT
6. USE 7. DISTRICT

LAND USE	SOIL TYPE	CROPS-TIMBER STAND	NO. ACRES	VALUE ACRE	VALUE
				$	$
					$
					$
					$
LAND SIZE X			TOTAL		$

C O	OWNER OR CONTRACT PURCHASER	DATE	FILE NO.	PRICE	MTGE.	STAMP
	Cadman Gravel Co	11-2-50	2993-65		5236	

ASSESSED VALUE LAND

LOT	$
UNIMPROVED ACRES	$
IMPROVED ACRES	$
OTHER LANDS	$
TIMBER	$
TOTAL ASSESSED VALUE 50%	$
DATE	1-1-40

REMARKS

DISTRICT: ROAD	SCHOOL	WATER	FIRE	SEWER	HSPTL.	AIRPT.	FERRY	METRO
3 REDMOND #3	208 414	59	~~36~~		HOS. #2			

EVANS CREEK FLOOD ZONE

ASSESSED VALUE YEAR	AC.	LAND	DECREASE OR INCREASE IN ASSESSED VALUATION DATE	BY	REASON	LAND DECREASE	LAND INCREASE
19 40	19.69	130					
19 52	32.05	260	10-3-51	JJ (W)	(40) Killed RV		
19 55	"	630	5-25-53	NB			
19 55	5.05	1110	1-10-55	JJ (B)	Merge 26 & 27 RV	Seg	6-216
19 58	"	7080	12-11-56	LM			
19 57	32.17	820	11/12/57	MT(T)	SEG TL 75 fr 26	E - 6181	(Chg legal - Comm Recd 1/6/58 FJ (T) 9/10/58 F-4812)
19 58	"	5180	"	"	"	"	
19					Seg T L (80) fr "		CHG LEGAL NL(k) 1/15/60 H-383
19 60	10.36	2130	4/7/60	MT (T)	~~Seg T L~~ (75) T (26)		H-2344 ord. # 3843
19 63		2770	11-28-61	MB	RV		
19 70		6920	8/20/68	KS	RV L 13840 B	T 13840*072506-9026-0 8/9	

VACANT—KING COUNTY ASSESSOR—SEATTLE, WASHINGTON

LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES _____ ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

SECTION 7
TWP 25 N.
RANGE 6 E.

TAX LOT NO. 26
PARCEL NO. _____

E½ of NE¼ of NW¼ ~~less Co Rd 3-9-31~~
ALSO W 8 1/4' of ~~N½~~ of NW¼ of NE¼ Less C+M right
~~thru~~ Less Co Rd. (40 deeded)

BRUSH
F

ROLLING
E

26

Co. Rd.

AERIAL PHOTO _____
QUARTER MAP _____
PLAT MAP _____

Folio Co #23774

	LAND USE	ACRES
111	CULTIVATED	
#	PASTURE	
OO	TIMBER	
XX	STUMP	
...	GRAVEL OR USELESS	
V	SWAMP	

	LAND TYPE	ACRES
A	SHOT CLAY	
B	BOG	
C	PEAT	
D	SILT	
E	_____LOAM	
F	GRAVEL	
G	BOTTOM	
H	UPLANDS	
K	HILLY	

IF USED AS ¼ SECT. SCALE ONE INCH 400 FEET OR 160 ACRES OR 2640 FEET
IF USED AS ¼ OF ¼ " SCALE ONE INCH 200 FEET OR 40 ACRES OR 1320 FEET
IF USED AS ¼-¼-¼ " SCALE ONE INCH 100 FEET OR 10 ACRES OR 660 FEET

1. DISTRICT

LIMITS CO

CODE NO.

2. ADDITION TAX LOTS

SECTION 7 TWP. 25 N. RANGE 6 EWM. BLOCK TRACT OR LOT NO. TAX LOT 27

DESCRIPTION

26

3. ADDRESS OF PROPERTY CONTRACT PURCHASER

4. FEE OWNER Mary Young (10-5-37)

LAND INFORMATION

1. SIZE OF TRACT OR LOT X TOPOGRAPHY GRADE FT. 2. STREET-ROAD SURFACE

ALLEY 3. SIDEWALK SEWAGE WATER PUMP DRAINAGE

4. LANDSCAPING CONDITION 5. TREND VALUE OF LOT $ FRONT STREET

FACTOR $ SIDE STREET FACTOR $ DEPTH FACTOR $ CREDIT

6. USE 7. DISTRICT

LAND USE	SOIL TYPE	CROPS-TIMBER STAND	NO. ACRES	VALUE ACRE	VALUE
				$	$
					$
					$
					$
LAND SIZE X			TOTAL		$

OWNER OR CONTRACT PURCHASER	DATE	FILE NO.	PRICE	MTGE.	STAMP

ASSESSED VALUE LAND

LOT	$
UNIMPROVED ACRES	$
IMPROVED ACRES	$
OTHER LANDS	$
TIMBER	$
TOTAL ASSESSED VALUE 50%	$

DATE 1-1-40

REMARKS Merged (26) Sq 6-216

DISTRICT: ROAD	SCHOOL	WATER	FIRE	SEWER	HSPTL.	AIRPT.	FERRY
3	~~208~~ 414	59	34		HOS. #2		

ASSESSED VALUE — DECREASE OR INCREASE IN ASSESSED VALUATION

YEAR	AC.	LAND	DATE	BY	REASON	LAND DECREASE	LAND INCREASE
1940	19	120					
1948	19.00	130					
1955	"	480	5-25-53	N3	RV		
19							
19							
19							
19							
19							
19							
19							
19							

LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES _____ ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

SECTION 7
TWP 25 N.
RANGE 6 E.

TAX LOT NO. 27
PARCEL NO. _____

~~E½ of SE¼ of NW¼ less Co Rd 12-11-30 3-9-31~~
~~W 8¼ of N½ of NW¼ of NE¼ LESS C & M RTS ALSO E½ OF NE¼ OF NW¼ (INCLUDING VAC RD)~~
E½ OF SE¼ OF NW¼ LESS CO RD 12-11-30 3-9-31

Old Highway 99 West

BRUSH
F

ROLLING

27

AERIAL PHOTO _____
QUARTER MAP _____
PLAT MAP _____
Folio Co #23774

	LAND USE	ACRES
111	CULTIVATED	
#	PASTURE	
OO	TIMBER	
XX	STUMP	
. . .	GRAVEL OR USELESS	
V	SWAMP	

	LAND TYPE	ACRES
A	SHOT CLAY	
B	BOG	
C	PEAT	
D	SILT	
E	_____LOAM	
F	GRAVEL	
G	BOTTOM	
H	UPLANDS	
K	HILLY	

IF USED AS ¼ SECT. SCALE ONE INCH 400 FEET OR 160 ACRES OR 2640 FEET
IF USED AS ¼ OF ¼ " SCALE ONE INCH 200 FEET OR 40 ACRES OR 1320 FEET
IF USED AS ¼-¼-¼ " SCALE ONE INCH 100 FEET OR 10 ACRES OR 660 FEET

ROLL0 23725
PERMIT NO.
DATE

ADDITION Tax Lots (46) Legal on Back
Section SE 7 Twp 25 Range 6 EWM. Block ____ Lot or ____
Tax Lot 46 Tract ____
Address 6570 187TH NE REDMOND
BLDG #2

Fee Owner Seattle Skeet & Trap Club Architect ____ Contractor ____
Zoning RURAL Condition of Exterior F Interior F Foundation F Floor Plan: Good ____ Accept. ✓ Poor ____

USE Dining Hall
1 No. Stories
No. Stores
No. Rooms
Basement
No. Offices Unit Sq. Ft.
No. Apartmts.
1 rm. ☐ 2 rm. ☐ 3 rm.
4 rm. ☐ 5 rm. ☐ 6 rm.

TYPE OF CONSTRUCTION
✓ Frame
Metal-Prefab
Ordinary Masonry
Mill Construction
Class A Rein. Conc.
Stru. Steel and Conc.
Struct. Steel, Frame
or
QUALITY-TYPE
Good Med. Cheap ✓

FOUNDATION
Mud Sill ☐ Post Pier
✓ Conc. ☐ Brick
Load Hgt. ☐ Piling

BASEMENT
Full % Port.
Sub-Basement
Size
Garage ☐ No. Cars
Floors
Plastered ☐ Pl. Bd.
No. Apartments
Service Rooms

EXTERIOR WALL CONST.
Single ☐ Double
✓ Stud Walls
Brick ____ Pil. ☐
Conc. ____ Pil. ☐
Rein. Conc. Skeleton
Str. Stl.-Frame
Pre-Fab Metal
Tilt-Up
____ Filler Wall
____ Curtain Wall
✓ Poles

EXTERIOR FACING
✓ Siding WD
Stucco ____ Shakes
Marblecrete
Brick ☐ Veneer
Conc. ☐ Conc. Blk.

FLOOR CONSTRUCTION
Joist ____ x ____ O.C.
Mill ____ Car Deck
✓ R-Conc. ____ Elev.
Steel ____ GLB.
or

ROOF COVERING
✓ Bit.-Up Tar & Gr.
X Comp. ____ Metal
or SHINGLE

ROOF CONSTRUCTION
✓ Frame-Joist
Mill-Deck
Rein. Conc. ____ GLB
Steel Fr. ____ Metal Deck
Trusses ____ Span
Wood ____ Steel

FLOOR FINISHES
Fir ☐ Maple
Oak ☐ 2x6TG
Lino ☐ 3x6TG
✓ Cement ☐ Lgtwgt. Conc.
Terrazzo
Asphalt Tile ☐ Vinyl Tile
or

☐ Tile ☐ Line ☐ Form.
Bath Floor
Bath Walls
Tub Recess
Drain Bds.
Vanities
✓ Concrete

Date Built 1937 ABT Date Add. Built ____ ☐ Finished ☐ Unfinished ADD ✓ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. 70 Dep for Ob. ____ Dep. for Es. ____ Total 70



PLUMBING
5 No. Fixtures
2 Toilets 1 Urinals
Tubs Leg. or Pem.
2 Basins ____ Dr. Ftns.
Sinks
Washers ____ Dryers
Showers (tub) (stall)
1 H.W. Tanks ____ Ldy. Trays
D-Washers Disposals
Sprinkler Sys.

HEATING None
Elec. ____ Oil ____ Gas
H.W. ____ St. ____ H.A.
B.Bd. ____ Suspended
FHA ____ Pipeless
A. Cond. ____ Wall Unit
Comb. Unit ____ Custom
Refrig. ____ Convector
Heat Pump ____ Fireplace

YEAR	ASSESSED VALUE
1966	500-RS-1966
69	800-W.F.'67
71	1600

MISC. TANKS, Etc.
HOISTS: Elec. Hydr.

ELEVATORS
Pass. ____ Frght.
Auto. ____ Elec.
Man. ____ Hydr.
Doors-Auto ____ Man. ____
Escalators
____ Stops ____ Speed
Cap'y. ____

DOCKS AND PIERS
Hvy. ____ Med. ____ Lgt.
Untrtd. Pile Tmbr.
Conc. Piles & Bms.
Trtd. Pile Tmbr.
Paved
Dolphins
Deck

WIRING
Knob & Tube
Flex. Cable
✓ Conduit
Pwr. Wiring
Range Wiring
____ Outlets

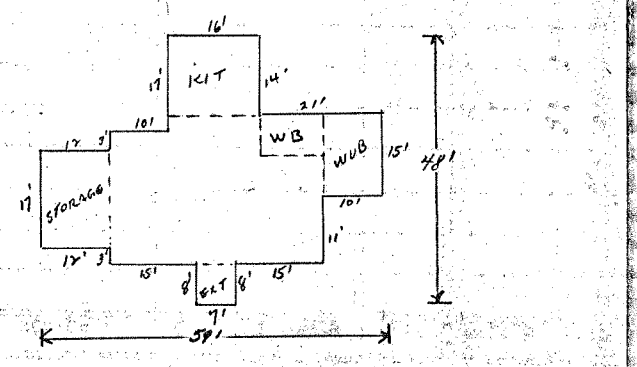
INTERIOR WALLS & CEILING
Stud ✓ Wood Metal
Plaster Dry Wall
Acc. Tile Celotex
Ceiled Plywood
Solid Block
Sound Proofed Lamin.
Finished ✓ Unfinished
✓ Painted Varnished

INSULATION None
Exter. ____ Partitions
Roof ____ Floor

INTERIOR TRIM
✓ Fir ____ Birch
Mah. ____ Oak
Metal
Wood ____ Metal Doors
Wood ____ Metal Sash
Stained ____ Varnish
Painted ____ Unfin.

SB	C. Hgt.
B	
1	10'
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24	
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26	

GROUND FLOOR AREA 1563
TOTAL FLOOR AREA



20M 11/68

FOLIO 23775
PERMIT NO.
DATE

ADDITION Tax Lot
Section 36 Twp 25 Range 6 EWM. Block ____ Lot or ____
Tax Lot 46 Tract ____
Address 65W 189 NE Redmond
BLDG #3

Fee Owner Seattle Skeet & Trap Club Architect ____ Contractor ____
Zoning ____ Condition of Exterior ____ Interior ____ Foundation ____ Floor Plan: Good ____ Accept. ____ Poor ✓

USE
- 1 No. Stories
- No. Stores
- No. Rooms
- Basement
- No. Offices — Unit Sq. Ft.
- No. Apartmts.
- 1 rm. ☐ 2 rm. ☐ 3 rm.
- 4 rm. ☐ 5 rm. ☐ 6 rm.

TYPE OF CONSTRUCTION
- ✓ Frame
- Metal-Prefab
- Ordinary Masonry
- Mill Construction
- Class A Rein. Conc.
- Stru. Steel and Conc.
- Struct. Steel, Frame

or

QUALITY-TYPE
Good Med. Cheap ✓

FOUNDATION
- Mud Sill ☐ Post Pier
- Conc. ☐ Brick
- Load Hgt. ☐ Piling

BASEMENT
- Full ____ % Part.
- Sub-Basement
- Size ____
- Garage ☐ No. Cars
- ____ Floors
- Plastered ☐ Pl. Bd.
- No. Apartments
- Service Rooms

EXTERIOR WALL CONST.
- ✓ Single ☐ Double
- Stud Walls
- Brick ____ Pil. ☐
- Conc. ____ Pil. ☐
- Rein. Conc. Skeleton
- 1 Str. Stl.-Frame
- Pre-Fab Metal
- Tilt-Up
- ____ Filler Wall
- ____ Curtain Wall

EXTERIOR FACING
- ✓ ~~Siding~~ Pole
- Stucco ____ Shakes
- Marblecrete
- Brick ☐ Veneer
- Conc. ☐ Conc. Blk.

FLOOR CONSTRUCTION
- Joist ____ x ____ x ____ O.C.
- Mill ____ Car Deck
- R-Conc. ____ Elev.
- Steel ____ GLB.

or DIRT

ROOF COVERING
- ✓ Blt.-Up ____ Tar & Gr.
- Comp. ____ Metal

or OLD WD SHINGLES

ROOF CONSTRUCTION
- ✓ Frame-Joist ____
- Mill-Deck ____
- Rein. Conc. ____ GLB
- Steel Fr. ____ Metal Deck
- Trusses ____ Spon
- Wood ____ Steel

FLOOR FINISHES ☐ Tile ☐ Lino ☐ Farm.
- Fir ☐ Maple
- Oak ☐ 2x6TG
- Lino ☐ 3x6TG
- Cement ☐ Lgtwgt. Conc.
- Terrazzo
- Asphalt Tile ☐ Vinyl Tile

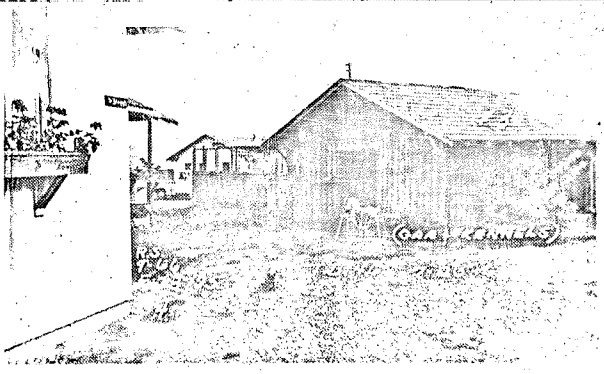
or DIRT

Bath Floor
Bath Walls
Tub Recess
Drain Bds.
Vanities

PLUMBING none
- No. Fixtures
- Toilets ____ Urinals
- Tubs Leg. or Pem.
- Basins ____ Dr. Fins.
- Sinks
- Washers ____ Dryers
- Showers (tub) (stall)
- H.W. Tanks ____ Ldy. Trays
- D-Washers ____ Disposals
- Sprinkler Sys.

HEATING none
- Elec. ____ Oil ____ Gas
- H.W. ____ St. ____ H.A.
- B.Bd. ____ Suspended
- FHA ____ Pipeless
- A. Cond. ____ Wall Unit
- Comb. Unit ____ Custom
- Refrig. ____ Convector
- Heat Pump ____ Fireplace

Date Built 0 Date Add. Built ____ ☐ Finished ☐ Unfinished ☐ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. 90% Dep for Ob. ____ Dep. for Es. ____ Total ____



YEAR	ASSESSED VALUE
1968	50-RS-1966
69	100-WF-'67
71	200

MISC. TANKS, Etc.
HOISTS: Elec. Hydr.

ELEVATORS
- Pass. ____ Frght.
- Auto. ____ Elec.
- Mon. ____ Hydr.
- Doors-Auto ____ Manu.
- ____ Escalators
- ____ Stops ____ Speed
- Cap'y. ____

DOCKS AND PIERS
- Hvy. ____ Med. ____ Lgt.
- Untrtd. Pile Tmbr.
- Conc. Piles & Bms.
- Trtd. Pile Tmbr.
- Paved
- Dolphins
- Deck

WIRING
- Knob & Tube
- Flex. Cable
- ✓ Conduit
- Pwr. Wiring
- Range Wiring
- ____ Outlets

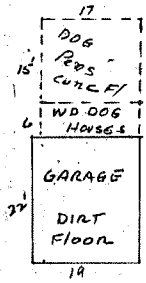
INTERIOR WALLS & CEILING

Stud	Wood Metal
Plaster	DryWall
Acc. Tile	Celotex
Ceiled	Plywood
Solid	Block
Sound Proofed	Lamin.
Finished	✓ Unfinished
Painted	Varnished

INSULATION none
- Exter. ____ Partitions
- Roof ____ Floor

INTERIOR TRIM
- Fir ____ Birch
- Mah. ____ Oak
- Metal
- Wood ____ Metal Doors
- Wood ____ Metal Sash
- Stained ____ Varnish
- Painted ____ Unfin.

C.Hgt. SB		GROUND FLOOR AREA / TOTAL FLOOR AREA
B		
1		
2		
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25		
26		



POLIO 23775
PERMIT NO.
DATE

ADDITION TAX LOTS
Section SE 7 Twp 25 Range 6 EWM. Block ____ Lot or ____
Tax Lot 46 Tract ____
Address 6570 184 NE Redmond
BLDG #4

Fee Owner Seattle Skeet & Trap Club Architect ____ Contractor ____
Zoning ____ Condition of Exterior ____ Interior ____ Foundation ____ Floor Plan: Good ____ Accept. ____ Poor ____

USE Care Takers House

1	No. Stories
	No. Stores
	No. Rooms
	Basement Unit Sq. Ft.
	No. Offices
	No. Apartmts.
	1 rm. ☐ 2 rm. ☐ 3 rm.
	4 rm. ☐ 5 rm. ☐ 6 rm.

ROOF CONSTRUCTION

✓	Frame-Joist 2x4' 16#
	Mill-Deck
	Rein. Conc. ____ GLB
	Steel Fr. ____ Metal Deck
	Trusses ____ Span
	Wood ____ Steel

FLOOR FINISHES

✓	Fir	☐	Maple
	Oak	☐	2x6TG
✓	Lino	☐	3x6TG
	Cement	☐	Lgtwgt. Conc.
	Terrazzo		
	Asphalt Tile	☐	Vinyl Tile
	or		

☐	Tile	☑	Lino	☐ Form.
✓	Bath Floor			
	Bath Walls			
	Tub Recess			
	Drain Bds.			
	Vanities			

PLUMBING

	No. Fixtures
1	Toilets ____ Urinals
1	Tubs Leg. or Pem.
1	Basins ____ Dr. Ftns.
	Sinks
	Washers ____ Dryers
	Showers (tub) (stall)
1	H.W. Tanks ____ Ldy. Trays
	D-Washers ____ Disposals
	Sprinkler Sys.

Date Built 1923 est Date Add. Built ____ ☐ Finished ☐ Unfinished ☑ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. 59 Dep. for Ob. ____ Dep. for Ec. ____ Total ____

TYPE OF CONSTRUCTION

✓	Frame
	Metal-Prefab
	Ordinary Masonry
	Mill Construction
	Class A Rein. Conc.
	Stru. Steel and Conc.
	Struct. Steel, Frame
	or

QUALITY-TYPE
Good ____ Med. ____ Cheap ✓

FACT
122
+ 9
+ 2
133
59
800

FOUNDATION

	Mud Sill ☑ Post Pier
	Conc. ☐ Brick
	Load Hgt. ☐ Piling

BASEMENT

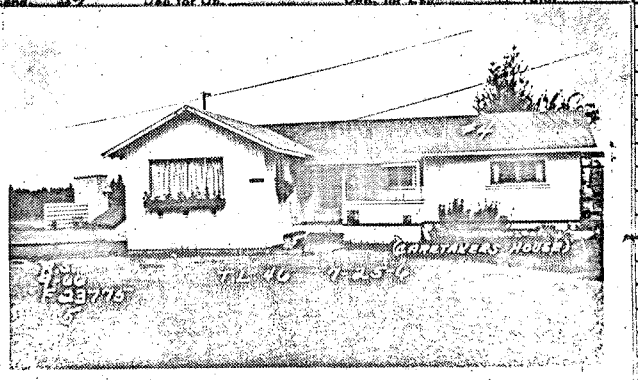
	Full ____ % Part.
	Sub-Basement
	Size ____
	Garage ☐ No. Cars
	Floors
	Plastered ☐ Pl. Bd.
	No. Apartments
	Service Rooms

HEATING

✓	Elec. ____ Oil ____ Gas
	H.W. ____ St. ____ H.A.
✓	B.Bd. ____ Suspended
	FHA ____ Pipeless
	A. Cond. ____ Wall Unit
	Comb. Unit ____ Custom
	Refrig. ____ Convector
	Heat Pump ____ Fireplace

ok 67

YEAR	ASSESSED VALUE
68	Land RS-1966
71	1200



MISC. TANKS, Etc.
HOISTS: Elec. Hydr.

ELEVATORS

	Pass.	____	Frght.
	Auto.	____	Elec.
	Man.	____	Hydr.
	Doors-Auto	____	Man.
	Escalators		
	Stops	____	Speed
	Cap'y.		

DOCKS AND PIERS

	Hvy.	____ Med.	____ Lgt.
	Untrtd. Pile Tmbr.		
	Conc. Piles & Bms		
	Trtd. Pile Tmbr.		
	Paved		
	Dolphins		
	Deck		

WIRING

	Knob & Tube
	Flex. Cable
✓	Conduit
	Pwr. Wiring
	Range Wiring
	Outlets

EXTERIOR WALL CONST.

✓	Single ☐ Double
✓	Stud Walls
	Brick ____ Pil. ☐
	Conc. ____ Pil. ☐
	Rein. Conc. Skeleton
	Str. Stl.-Frame
	Pre-Fab Metal
	Tilt-Up
	____ Filler Wall
	____ Curtain Wall

EXTERIOR FACING

✓	Siding WD
	Stucco ____ Shakes
	Marblecrete
	Brick ☐ Veneer
	Conc. ☐ Conc. Blk.

FLOOR CONSTRUCTION

	Joist x ____ x ____ O.C.
	Mill ____ Car Deck
	R-Conc. ____ Elev.
	Steel ____ GLB.
	or

ROOF COVERING

	Blt.-Up ____ Tar & Gr.
✓	Comp. ____ Metal
	or

INTERIOR WALLS & CEILING

Stud	✓	Wood	Metal
Plaster	✓	DryWall	
Acc. Tile		Celotex	
Ceiled		Plywood	
Solid		Block	
Sound Proofed		Lamin.	
Finished		Unfinished	
✓ Painted		Varnished	

INSULATION

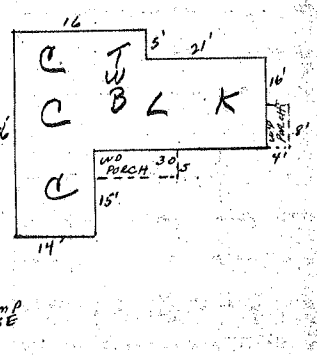
	Exter.	____	Partitions
	Roof	____	Floor

INTERIOR TRIM

✓	Fir	____	Birch	
	Mah.	____	Oak	
	Metal			
	Wood	____	Metal Doors	
	Wood	____	Metal Sash	
	Stained	____	Varnish	
	Painted	____	Unfin.	

	C. Hgt.	SB
		B
1	8'	1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9
10		10
11		11
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21		21
22		22
23		23
24		24
25		25
26		26

GROUND FLOOR AREA 777 #
TOTAL FLOOR AREA



5' 5' Pump HSE

ZOM 11/68

FOLIO 23775
PERMIT NO.
DATE

ADDITION Tax Lots
Section 5E 7 Twp 25 Range 6 EWM. Block ____ Lot or ____
Tax Lot 46 Tract ____
Address 6540 180 NE Redmond
BLDG #5

Fee Owner Seattle Skeet-Trap Club Architect ____ Contractor ____
Zoning ____ Condition of Exterior ____ Interior ____ Foundation ____ Floor Plan: Good ____ Accept. ✓ Poor ____

USE Tool Sheds

No. Stories
No. Stores
No. Rooms
Basement
No. Offices — Unit Sq. Ft.
No. Apartmts.
1 rm. ☐ 2 rm. ☐ 3 rm.
4 rm. ☐ 5 rm. ☐ 6 rm.

TYPE OF CONSTRUCTION

Frame
Metal-Prefab
Ordinary Masonry
Mill Construction
Class A Rein. Conc.
Stru. Steel and Conc.
Struct. Steel, Frame
or
QUALITY-TYPE
Good Med. Cheap ✓

FOUNDATION

Mud Sill ☒ Post Pier
✓ Conc. ☐ Brick
Load Hgt. ☐ Piling

BASEMENT

Full ____ % Part.
Sub-Basement
Size ____
Garage ☐ No. Cars
Floors
Plastered ☐ Pl. Bd.
No. Apartments
Service Rooms

EXTERIOR WALL CONST.

Single ☐ Double
Stud Walls
Brick ____ Pil. ☐
Conc. ____ Pil. ☐
Rein. Conc. Skeleton
Str. Stl.-Frame
Pre-Fab Metal
Tilt-Up
____ Filler Wall
____ Curtain Wall

EXTERIOR FACING

✓ Siding un
Stucco ____ Shakes
Marblecrete
Brick ☐ Veneer
Conc. ☐ Conc. Blk.

FLOOR CONSTRUCTION

Joist ____ x ____ x ____ O.C.
Mill ____ Car Deck
✓ Conc. ____ Elev.
Steel ____ GLB.
or WOOD

ROOF COVERING

✓ Blt.-Up ____ Tar.&Gr.
Comp. ____ Metal
or

ROOF CONSTRUCTION

✓ Frame-Joist
Mill-Deck
Rein. Conc. ____ GLB
Steel Fr. ____ Metal Deck
Trusses ____ Span
Wood ____ Steel

FLOOR FINISHES ☐ Tile ☐ Lino ☐ Form.

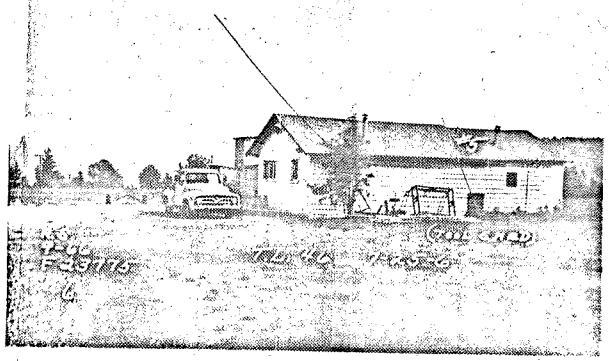
✓ Fir ☐ Maple
Oak ☐ 2x6TG
Lino ☐ 3x6TG
✓ Cement ☐ Lgtwgt. Conc.
Terrazzo
Asphalt Tile ☐ Vinyl Tile
or

Both Floor
Both Walls
Tub Recess
Drain Bds.
Vanities

PLUMBING none

No. Fixtures
Toilets ____ Urinals
Tubs Leg. or Pem.
Basins ____ Dr. Ftns.
Sinks
Washers ____ Dryers
Showers (tub) (stall)
H.W. Tanks ____ Ldy. Trays
D-Washers ____ Disposals
Sprinkler Sys.

Date Built ____ Date Add. Built ____ ☐ Finished ☐ Unfinished ☐ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. 60% Dep for Ob. ____ Dep. for Es. ____ Total ____



HEATING none

Elec. ____ Oil ____ Gas
H.W. ____ St. ____ H.A.
B.Bd. ____ Suspended
FHA ____ Pipeless
A. Cond. ____ Wall Unit
Comb. Unit ____ Custom
Refrig. ____ Convector
Heat Pump ____ Fireplace
04'67 - WF

YEAR	ASSESSED VALUE
1968	300 - ES-66
71	400

MISC. TANKS, Etc.

HOISTS: Elec. Hydr.

ELEVATORS

Pass. ____ Frght.
Auto. ____ Elec.
Man. ____ Hydr.
Doors-Auto ____ Man. ____
Escalators
Stops ____ Speed
Cap'y. ____

DOCKS AND PIERS

Hvy. ____ Med. ____ Lgt.
Untrtd. Pile Tmbr.
Conc. Piles & Bms.
Trtd. Pile Tmbr.
Paved
Dolphins
Deck

WIRING

Knob & Tube
Flex. Cable
✓ Conduit
Pwr. Wiring
Range Wiring
____ Outlets

INTERIOR WALLS & CEILING

✓ Stud Wood Metal
Plaster Dry Wall
Acc. Tile Celotex
Ceiled Plywood
Solid Block
Sound Proofed Lamin.
Finished ✓ Unfinished
Painted Varnished

INSULATION none

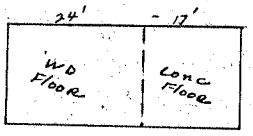
Exter. ____ Partitions
Roof ____ Floor

INTERIOR TRIM none

Fir ____ Birch
Mah. ____ Oak
Metal
Wood ____ Metal Doors
Wood ____ Metal Sash
Stained ____ Varnish
Painted ____ Unfin.

SB	C.Hgt.
B	
1	8'
2	
3	
4	
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GROUND FLOOR AREA
TOTAL FLOOR AREA



20M 11/68

FOLIO 23775

PERMIT NO.

DATE

ADDITION TAX LOTS

Section SE 7 Twp 25 Range 6 EWM. Block ____ Lot or ____

Tax Lot ____ Tract ____

Address 6570 167 NE REDMOND

MISC BLDGS - SKEET HOUSES (5-FRAME & MASONARY)

Fee Owner Seattle Skeet & Trap Club Architect Bldg #6 Contractor ____

Zoning ____ Condition of Exterior ____ Interior ____ Foundation ____ Floor Plan: Good ____ Accept. ____ Poor ____

USE Skeet Houses

- No. Stories
- No. Stores
- No. Rooms
- Basement
- No. Offices — Unit Sq. Ft.
- No. Apartmts.
- 1 rm. ☐ 2 rm. ☐ 3 rm.
- 4 rm. ☐ 5 rm. ☐ 6 rm.

TYPE OF CONSTRUCTION

- Frame
- Metal-Prefab
- Ordinary Masonry
- Mill Construction
- Class A Rein. Conc.
- Stru. Steel and Conc.
- Struct. Steel, Frame

or

QUALITY-TYPE

Good Med. Cheap

FOUNDATION

- Mud Sill ☐ Post Pier
- Conc. ☐ Brick
- Load Hgt. ☐ Piling

BASEMENT

- Full ____ % Part.
- Sub-Basement
- Size ____
- Garage ☐ No. Cars
- Floors
- Plastered ☐ Pl. Bd.
- No. Apartments
- Service Rooms

EXTERIOR WALL CONST.

- ✓ Single ☐ Double
- Stud Walls
- Brick ____ Pil. ☐
- ✓ Conc. GLB Pil. ☐
- Rein. Conc. Skeleton
- Str. Stl.-Frame
- Pre-Fab Metal
- Tilt-Up
- ____ Filler Wall
- ____ Curtain Wall

EXTERIOR FACING

- ✓ Siding WD
- Stucco ____ Shakes
- Marblecrete
- Brick ☐ Veneer
- Conc. ☒ Conc. Blk.

FLOOR CONSTRUCTION

Joist ____ x ____ x ____ O.C.

- Mill ____ Car Deck
- ✓ R-Conc. ____ Elev.
- Steel ____ GLB.

or

ROOF COVERING

- Blt.-Up ____ Tar & Gr.
- Comp. ____ Metal

or Flat

ROOF CONSTRUCTION

- Frame-Joist ____
- Mill-Deck ____
- Rein. Conc. ____ GLB
- Steel Fr. ____ Metal Deck
- Trusses ____ Span
- Wood ____ Steel

FLOOR FINISHES

- Fir ☐ Maple
- Oak ☐ 2x6TG
- Lino ☐ 3x6TG
- ✓ Cement ☐ Lgtwgt. Conc.
- Terrazzo
- Asphalt Tile ☐ Vinyl Tile

or

☐ Tile ☐ Lino ☐ Form.

- Bath Floor
- Bath Walls
- Tub Recess
- Drain Bds.
- Vanities

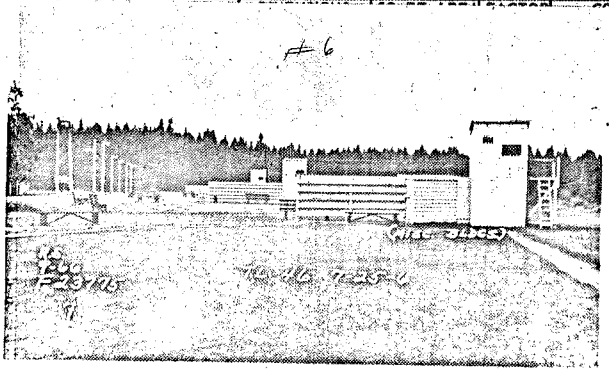
PLUMBING

- No. Fixtures
- Toilets ____ Urinals
- Tubs Leg. or Pem.
- Basins ____ Dr. Ftns.
- Sinks
- Washers ____ Dryers
- Shawers (tub) (stall)
- H.W. Tanks ____ Ldy. Trays
- D-Washers ____ Disposals
- Sprinkler Sys.

Date Built ? Date Add. Built ____ ☐ Finished ☐ Unfinished ☐ Remodeled

Effective Age ____ Years Future Life ____ Years

Dep. for Cond. 60% Dep for Ob. ____ Dep. for Es. ____ Total ____



HEATING

- Elec. ____ Oil ____ Gas
- H.W. ____ St. ____ H.A.
- B.Bd. ____ Suspended
- FHA ____ Pipeless
- A. Cond. ____ Wall Unit
- Comb. Unit ____ Custom
- Refrig. ____ Convector
- Heat Pump ____ Fireplace

YEAR	ASSESSED VALUE
1960	200 - RS - 1966
69	550 - WF - 67
71	1100

MISC. TANKS, Etc.

HOISTS: Elec. Hydr.

ELEVATORS

- Pass. ____ Frght.
- Auto. ____ Elec.
- Man. ____ Hydr.
- Doors - Auto ____ Man. ____
- ☐ Escalators
- ____ Stops ____ Speed
- Cap'y. ____

DOCKS AND PIERS

- Hvy. ____ Med. ____ Lgt.
- Untrtd. Pile Tmbr.
- Conc. Piles & Bms
- Trtd. Pile Tmbr.
- Paved
- Dolphins
- Deck

WIRING

- Knob & Tube
- Flex. Cable
- ✓ Conduit
- Pwr. Wiring
- Range Wiring
- ____ Outlets

INTERIOR WALLS & CEILING

- Stud Wood Metal
- Plaster DryWall
- Acc. Tile Celotex
- Ceiled Plywood
- Solid ✓ Block Conc
- Sound Proofed Lamin.
- Finished ✓ Unfinished
- Painted Varnished

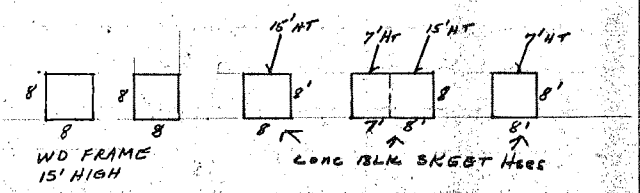
INSULATION None

- Exter. ____ Partitions
- Roof ____ Floor

INTERIOR TRIM None

- Fir ____ Birch
- Mah. ____ Oak
- Metal
- Wood ____ Metal Doors
- Wood ____ Metal Sash
- Stained ____ Varnish
- Painted ____ Unfin.

	C.Hgt.	GROUND FLOOR AREA / TOTAL FLOOR AREA
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20M 11/68

FOLIO 23225

PERMIT NO.

DATE

ADDITION Tax Lots
Section SE 7 Twp 25 Range 6 EWM. Block ____ Lot or ____
Tax Lot 46 Tract ____
Address 6520 187TH NE REDMOND
MISC IMPS-Skeet Traps (5 CONCRETE)

Fee Owner Seattle Skeet & Trap Club Architect ____ Contractor ____
Zoning ____ Condition of Exterior ____ Interior ____ Foundation ____ Floor Plan: Good ____ Accept. ____ Poor ____

USE Skeet Traps

- No. Stories
- No. Stores
- No. Rooms
- Basement
- No. Offices — Unit Sq. Ft.
- No. Apartmts.
- 1 rm. ☐ 2 rm. ☐ 3 rm.
- 4 rm. ☐ 5 rm. ☐ 6 rm.

TYPE OF CONSTRUCTION

- Frame
- Metal-Prefab
- Ordinary Masonry
- Mill Construction
- Class A Rein. Conc.
- Stru. Steel and Conc.
- Struct. Steel, Frame

or

QUALITY-TYPE

Good Med. Cheap ✓

FOUNDATION

- Mud Sill ☐ Post Pier
- ✓ Conc. ☐ Brick
- Load Hgt. ☐ Piling

BASEMENT

- Full ____ % Port.
- Sub-Basement
- Size ____
- Garage ☐ No. Cars
- Floors
- Plastered ☐ Pl. Bd.
- No. Apartments
- Service Rooms

EXTERIOR WALL CONST.

- ✓ Single ☐ Double
- Stud Walls
- Brick ____ Pil. ☐
- Conc. ____ Pil. ☐
- Rein. Conc. Skeleton
- Str. Stl.-Frame
- Pre-Fab Metal
- Tilt-Up
- ____ Filler Wall
- ____ Curtain Wall

EXTERIOR FACING

- Siding
- Stucco ____ Shakes
- Marblecrete
- Brick ☐ Veneer
- ✓ Conc. ☐ Conc. Blk.

FLOOR CONSTRUCTION

Joist x x O.C.

- Mill ____ Car Deck
- ✓ R-Conc. ____ Elev.
- Steel ____ GLB.

or

ROOF COVERING

- Blt.-Up ____ Tar & Gr.
- Comp. ____ Metal

or

ROOF CONSTRUCTION

- Frame-Joist
- Mill-Deck
- Rein. Conc. ____ GLB
- Steel Fr. ____ Metal Deck
- Trusses ____ Span
- Wood ____ Steel

FLOOR FINISHES

- Fir ☐ Maple
- Oak ☐ 2x6TG
- Lino ☐ 3x6TG
- ✓ Cement ☐ Lgtwgt. Conc.
- Terrazzo
- Asphalt Tile ☐ Vinyl Tile

or

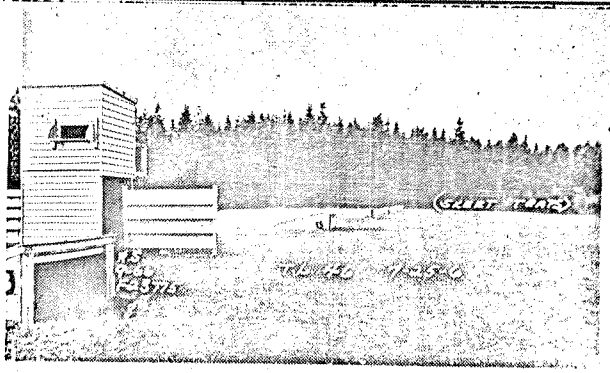
☐ Tile ☐ Lino ☐ Form.

- Bath Floor
- Bath Walls
- Tub Recess
- Drain Bds.
- Vanities

PLUMBING none

- No. Fixtures
- Toilets ____ Urinals
- Tubs Leg. or Pem.
- Basins ____ Dr. Ftns.
- Sinks
- Washers ____ Dryers
- Showers (tub) (stall)
- H.W. Tanks ____ Ldy. Trays
- D-Washers ____ Disposals
- Sprinkler Sys.

Date Built 1 Date Add. Built ____ ☐ Finished ☐ Unfinished ☐ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. 50% Dep for Ob. ____ Dep. for Es. ____ Total ____



HEATING none

- Elec. ____ Oil ____ Gas
- H.W. ____ St. ____ H.A.
- B.Bd. ____ Suspended
- FHA ____ Pipeless
- A. Cond. ____ Wall Unit
- Comb. Unit ____ Custom
- Refrig. ____ Convector
- Heat Pump ____ Fireplace

CONCRETE

YEAR	ASSESSED VALUE
1968	100-RS-1966
71	200

MISC. TANKS, Etc.

HOISTS: Elec. Hydr.

ELEVATORS

- Pass. ____ Frght.
- Auto. ____ Elec.
- Man. ____ Hydr.

Doors-Auto ____ Man. ____

- Escalators
- ____ Stops ____ Speed

Cap'y. ____

DOCKS AND PIERS

- Hvy. ____ Med. ____ Lgt.
- Untrtd. Pile Tmbr.
- Conc. Piles & Bms
- Trtd. Pile Tmbr.
- Paved
- Dolphins

Deck

WIRING none

- Knob & Tube
- Flex. Cable
- Conduit
- Pwr. Wiring
- Range Wiring
- ____ Outlets

INTERIOR WALLS & CEILING

Stud	Wood Metal
Plaster	DryWall
Acc. Tile	Celotex
Ceiled	Plywood
Solid	Block
Sound Proofed	Lamin.
Finished	Unfinished
Painted	Varnished

INSULATION none

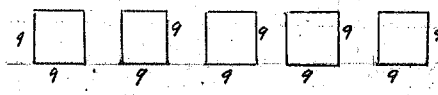
Exter. ____ Partitions
Roof ____ Floor

INTERIOR TRIM none

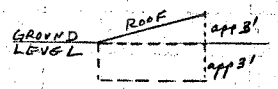
Fir ____	Birch
Mah. ____	Oak
Metal	
Wood ____	Metal Doors
Wood ____	Metal Sash
Stained ____	Varnish
Painted ____	Unfin.

	C. Hgt.
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GROUND FLOOR AREA
TOTAL FLOOR AREA



SUNKEN SKEET TRAPS



SIDE VIEW

FOLIO 23775
PERMIT NO. 210301
DATE JAN 27, 1966

ADDITION TAX LOTS (46) Legal on Back
Section SE 7 Twp 25 Range 6 EWM. Block ____ Lot or ____
Tax Lot por 46 Tract ____
Address 6520 187th NE REDMOND
Bldg #1

Fee Owner Seattle Skeet & Trap Club Architect ____ Contractor James B. Greeg
Zoning ____ Condition of Exterior G Interior G Foundation G Floor Plan Good ____ Accept. ✓ Poor ____

USE Skeet Gun Club

- 1 No. Stories
- ____ No. Stores
- ✓ No. Rooms
- ____ Basement Unit Sq. Ft.
- ____ No. Offices
- ____ No. Apartmts.
- ____ 1 rm. ☐ 2 rm. ☐ 3 rm.
- ____ 4 rm. ☐ 5 rm. ☐ 6 rm.

TYPE OF CONSTRUCTION

- ✓ Frame
- ____ Metal-Prefab
- ____ Ordinary Masonry
- ____ Mill Construction
- ____ Class A Rein. Conc.
- ____ Stru. Steel and Conc.
- ____ Struct. Steel, Frame

or

QUALITY-TYPE I

Good ____ Med. ✓ Cheap ✓

FOUNDATION

- ____ Mud Sill ☐ Post Pier
- ✓ Conc. ☐ Brick
- ____ Load Hgt. ☐ Piling

BASEMENT

- ____ Full ____ % Part.
- ____ Sub-Basement
- Size ____
- ____ Garage ☐ No. Cars
- ____ Floors
- ____ Plastered ☐ Pl. Bd.
- ____ No. Apartments
- ____ Service Rooms

EXTERIOR WALL CONST.

- ✓ Single ☐ Double
- ____ Stud Walls
- ____ Brick ____ Pil. ☐
- ____ Conc. ____ Pil. ☐
- ____ Rein. Conc. Skeleton
- ____ Str. Stl.-Frame
- ____ Pre-Fab Metal
- ____ Tilt-Up
- ____ Filler Wall
- ____ Curtain Wall

EXTERIOR FACING

- ✓ Siding WD
- ____ Stucco ____ Shakes
- ____ Marblecrete
- ____ Brick ☐ Veneer
- ____ Conc. ☐ Conc. Blk.

FLOOR CONSTRUCTION

Joist ____ x ____ x ____ O.C.

- ____ Mill ____ Car Deck
- ✓ R-Conc. ____ Elev.
- ____ Steel ____ GLB.

or

ROOF COVERING

- ✓ Blt.-Up ____ Tar & Gr.
- ____ Comp. ____ Metal

or

ROOF CONSTRUCTION

- ✓ Frame-Joist
- ____ Mill-Deck
- ____ Rein. Conc. ____ GLB
- ____ Steel Fr. ____ Metal Deck
- ____ Trusses ____ Span
- ____ Wood ____ Steel

FLOOR FINISHES

- ____ Fir ☐ Maple
- ____ Oak ☐ 2x6TG
- ____ Lino ☐ 3x6TG
- ✓ Cement ☐ Lgtwgt. Conc.
- ____ Terrazzo
- ____ Asphalt Tile ☐ Vinyl Tile

or

☐ Tile ☐ Lino ☐ Form.

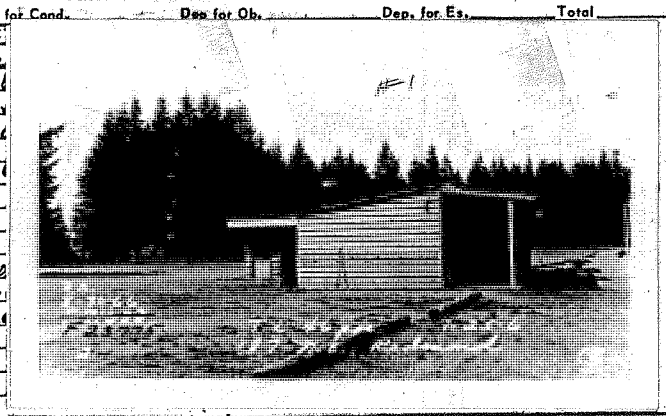
- ____ Bath Floor
- ____ Bath Walls
- ____ Tub Recess
- ____ Drain Bds.
- ____ Vanities

PLUMBING

- 7 No. Fixtures
- 2 Toilets 2 Urinals
- ____ Tubs Leg. or Pem.
- 2 Basins ____ Dr. Fins.
- 3 Sinks P.P.
- ____ Washers ____ Dryers
- ____ Showers (tub) (stall)
- ✓ H.W. Tanks ____ Ldy. Trays
- ____ D-Washers ____ Disposals
- ____
- ____ Sprinkler Sys.

Date Built 1966 Date Add. Built ____ ☐ Finished ☐ Unfinished ☒ Remodeled
Effective Age ____ Years Future Life ____ Years
Dep. for Cond. ____ Dep. for Ob. ____ Dep. for Es. ____ Total ____

FAC
Base
-Pb
Ceilin
cond
Add
Plu
Fire



HEATING

- ____ Elec. ____ Oil ____ Gas
- ____ H.W. ____ St. ____ H.A.
- ____ B.Bd. ____ Suspended
- ____ FHA ____ Pipeless
- ____ A. Cond. ____ Wall Unit
- ____ Comb. Unit ____ Custom
- ____ Refrig. ____ Convector
- ____ Heat Pump ____ Fireplace
- ✓ Hotel Fire Place

YEAR	ASSESSED VALUE
1968	2250 - BS - 1966
69	2450 - WF '67
71	4900

MISC. TANKS, Etc.

HOISTS: Elec. Hydr.

INTERIOR WALLS & CEILING

Stud	Wood Metal
Plaster	DryWall ✓
Acc. Tile	Celotex
Ceiled	Plywood ✓
Solid	Block
Sound Proofed	Lamin.
Finished	Unfinished
✓ Painted	Varnished

Ceiling - Ply; Pt. BP

INSULATION None

- ____ Exter. ____ Partitions
- ____ Roof ____ Floor

INTERIOR TRIM

- ____ Fir ____ Birch
- ____ Mah. ✓ Oak
- ____ Metal
- ✓ Wood ____ Metal Doors
- ____ Wood ✓ Metal Sash
- ____ Stained ____ Varnish
- ____ Painted ____ Unfin.

ELEVATORS

- ____ Pass. ____ Frght.
- ____ Auto. ____ Elec.
- ____ Man. ____ Hydr.
- Doors - Auto ____ Man. ____
- ____ Escalators
- ____ Stops ____ Speed
- Cap'y. ____

DOCKS AND PIERS

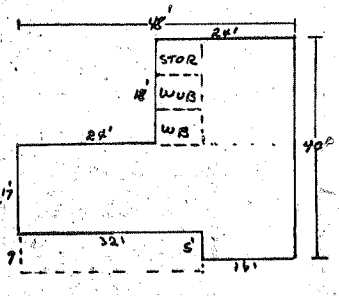
- ____ Hvy. ____ Med. ____ Lgt.
- ____ Untrtd. Pile Tmbr.
- ____ Conc. Piles & Bms
- ____ Trtd. Pile Tmbr.
- ____ Paved
- ____ Dolphins
- Deck

WIRING

- ____ Knob & Tube
- ____ Flex. Cable
- ✓ Conduit
- ____ Pwr. Wiring
- ____ Range Wiring
- ____ Outlets ✓

SB	C. Hgt.
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GROUND FLOOR AREA 1328 ✓
TOTAL FLOOR AREA 1328



20M 11/65

1 DISTRICT | 2 ADDITION TAX LOTS | NAME | 12-B

LIMITS CO | SECTION 7 TWP. 25 NO. RANGE 6 EWM: | BLOCK | TRACT OR LOT NO. Tax Lot 46

PERMIT NO. | DESCRIPTION See Main Card for Legal Supl B

ORIG. COST $ | 3 ADDRESS-PROPERTY | CONT. PURCHASER

4 FEE OWNER Redmond, Town of

5 ARCHITECT | CONTRACTOR

6 BUILDING Temp Cert Issued
LUNCH SHELTER
1 Story

EXTERIOR Frame - Open - Roof only

EXTRA FEATURES None

CONSTRUCTION Logs - Roof Only - Medium

MISCELLANEOUS

7 CONDITION: EXTERIOR Good INTERIOR Good FOUND. Good

8 MAIN SUPPORT COLUMN 10 x 10 FOOTINGS Conc SPAN 18 FT.

9 FIRST FL. JOIST None INCH CENTERS BRIDGED No

INTERIOR Post & Beam
Open

FLOORS Dirt

FIRE PLACE None

PLUMBING None

TILE WORK None

WIRING Open - 8 Outlets

HEATING Stove

ELEVATORS None

CEILING HGT. 1st Floor 10'

BASEMENT None

FOUNDATION W. P. C. B.

ROOF Shingle

STORE-FRONTS None

VOID



10 BUILDING Finished

11 GROSS INCOME $

EXP. $ NET. INC. $

12 DEPRECIATION

COND. 5 % OBSLSE. %

ECON. SUIT. % TOTAL %

DATE BUILT 1937

REMODELED No

EFFECTIVE AGE 1 YEARS

FUTURE LIFE 24 YEARS

DIMENSIONS 18 x 36

SQUARE FT.	AREA	CUBIC FT.
648		

IMPROVEMENT VALUE

MAIN BUILDING	$	120.
OTHER BUILDINGS	$	40.
TOTAL	$	160.
ASSESSED VALUE 50%	$	80.

DATE 1-1-40

SUPPLEMENTAL COMMERCIAL --- KING COUNTY ASSESSOR, SEATTLE, WASHINGTON

WESTERN PTG. CO.

RECORD OF ASSESSED VALUE

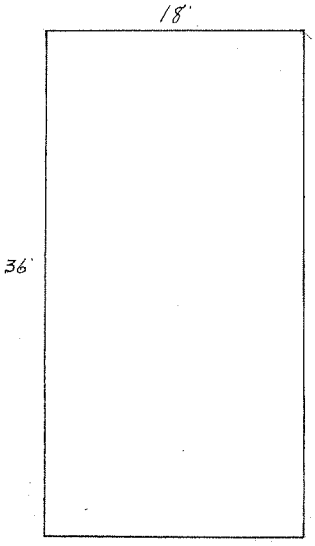
YEAR	BUILDING	DATE	BY	REASON	DECREASE	INCREASE
1940	80					
19						
19						
19						
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REMARKS

Other Bldg. Logs Constr-Dirt Floor-1 Sty 12x14 - 168 $72.

Folio #Co.23775

FLOOR PLAN Sc. 1" = 10'



1. DISTRICT

LIMITS CO

CODE NO.

PERMIT NO.

DATE

2. SECTION 7 TWP. 25 N. RANGE 6 TAX LOT NO: TAX LOTS +23775 12.

DESCRIPTION Tax Lot 46

S 1/2 of NW1/4 of NE1/4; SW1/4 of NE1/4; NW1/4 of SE1/4. N 200' of W 1/2 of SW1/4 of SE1/4. N 200' of E 660' of SE1/4 of SW1/4, lying E of Co Rd. Less Co & M. Rd (2)(3)(19) & Less Vac Rd

3. ADDRESS OF PROPERTY

4. FEE OWNER Redmond, Town of (12-17-30) CONTRACT PURCHASER

5. ARCHITECT CONTRACTOR

6. ORIG. BUILDING COST $ OCCUPIED BY Tenant RENTAL PER MONTH $ ESTIMATED RENTAL PER MONTH $

7. CONDITION OF EXTERIOR Good INTERIOR Good FOUNDATION Good FLOOR PLAN Accept

8. BUILDING: 1 Fmly Dwell; 1 Story; 6 Rooms; 6 1st Floor

INTERIOR WALLS: 6 Ceiled; Knotty Ceder

FLOORS: 6 Fir

FIRE PLACE: None

INTERIOR TRIM: 6 Fir

PLUMBING: 5 Fixtures; 1 Tub-leg; 1 Toilet; 1 Basin; 1 Sink; 1 H.W. Tank

Average

TILE WORK: None

ATTIC: None

HEATING: Stove

BASEMENT: None

FOUNDATION: W. P. C. B.; Pch W.P.C.B.

ROOF: Shingle

EXTERIOR WALLS: T & G Vertical

PORCHES: 2 - 1 Story; Roofed

EXTRA FEATURES: None

BUILT-INS: Usual

CONSTRUCTION: Double-Medium

CEILING HEIGHT: 1st Floor 7'

9. CORNER JOINTS Mitered DOWN SPOUTS SEWER CONNECTED No

10. FIRST FLOOR JOIST SIZE 2 x 4 AND 18 INCH CENTERS BRIDGED No

11. FIRST FLOOR JOIST SUPPORT COLUMN OR POST SIZE 6 x 6

12. CLASS OR GRADE NO. B SHAPE NO.

13. BUILDING FINISHED OR UNFINISHED Finished

14. DEPRECIATION: CONDITION 20 % OBSLSE. % ECON. SUIT % TOTAL %

YEAR BUILT 1923 REMODELED 1937 EFFECTIVE AGE 5 YRS. FUTURE LIFE 25 YRS.

LAND INFORMATION

1. SIZE 2. ROAD Graded - Gravel

3. SEWAGE SepticTank DRAINAGE WATER Well PUMP Elec.

4. TREND Static 5. DISTRICT Poor - Old 6. USE Residential

LAND USE	SOIL TYPE	CROPS-TIMBER STAND	NO. ACRES	VALUE-ACRE	VALUE
				$	$
					$
					$
					$

LAND SIZE X TOTAL NUMBER OF ACRES VALUE $

ASSESSED VALUE $

REMARKS



MAIN BUILDING

DIMENSION	SQ. FT. AREA
16 x 44	704
6 x 16	96 800
PCH. 6 x 32	192
PCH. 5 x 16	80

IMPROVEMENT VALUE

MAIN BUILDING	$ 460.
OTHER BUILDINGS	$ 80.
TOTAL	$ 540.
ASSESSED VALUE 50%	$ 270. 400
DATE 1-1-40	500 450

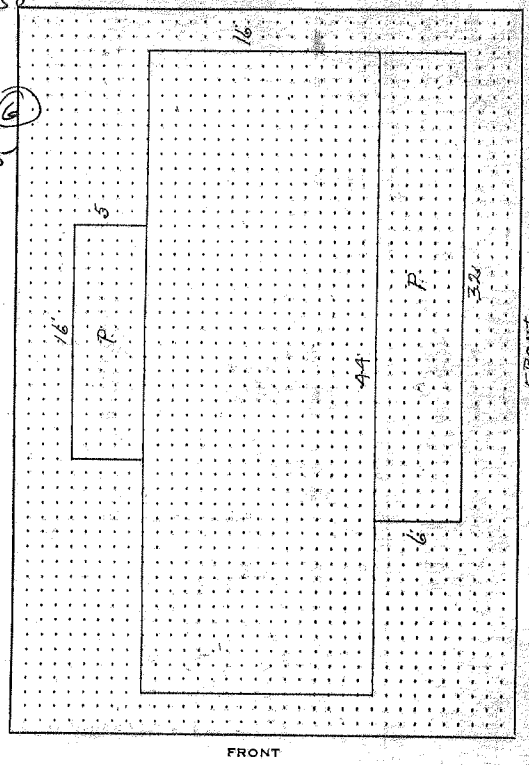
OTHER BUILDINGS	CONSTRUCTION	FLOOR	ROOF	STY.	DIMENSION	AREA	VALUE
GARAGE	Poles	Dirt	Shakes	1	19 x 24	456	$ 164.
Well House	Single	-	Shgl	1	5 x 5	25	6.
					x	Total	170.
					x		
					x		

O C	OWNER OR CONTRACT PURCHASER	DATE	FILE NO.	PRICE	MTGE.	STAMP
	E. O. Lentz & Sophie	4-25-49	2836-518			1.65
	Redmond Assn Inc.	8-31-50	2973-536	2933 1/2		
D.	" "	10-6-50	2984-570		2395	
		9-7-51	E16447	15,000		
		3-11-57	E31765			
R	Nelson Mini Mart	2-7-62	E-45943	ck. 11.00		

REMARKS

Supl A - Club House $910.
Supl B - Lunch Shelter $80.

FLOOR PLAN SC-1" = 10'



DISTRICT: ROAD	SCHOOL	EVAN. CREEK FLOOD ZONE WATER	FIRE
3	205 414	59	34

SEWER | HSPTL. HOS. #2 | AIRPT. | FERRY | CONT.

DECREASE OR INCREASE IN ASSESSED VALUATION

RECORD OF ASSESSED VALUE

YEAR	AC.	LAND	BLDG'S (3)	TOTAL	DATE	BY
1940	28	560	1260	1820		
1948		570	1260	1830		N.S.
1949		570	1260	1830	9-8-47	J.M.
1950			1390 (5)		12-48	DT
1952	12.45	1360	1390 (3)	2750	5-21-51	NL(S)
1955	"	2850	1390 (3)	4240	5-25-53	NS
1957		2850	1440 (3)	4290	4-20-56	LH
1958	"	9840	1440 (2)	11280	10-12-56	KM
1960	"	9840	530 (2)	10770	5/12/59	KM
1961	"	9840	600	10,440	7-9-59	DS
1959	43.23	4050	1440	5520	10/26/59	MT (TI)
1960	"	4080	530	4610	"	"
1961	"	4080	600	4650	"	"
1963		11,270	600	11,870	11-28-61	MB
1964	43.23	11270	600	11,870	11-20-64	MT (TI)
1968		11270	2850 (3)	14,120	9-20-66	HB
1968	43.23	11270	3900 (7)	15170	10-14-66	HB
1969		11270	4800 (7)	16070	9-25-67	HB
1970		25940	4800	30740	8/20/68	KS

071 L 51880 B 9600 T 61480*072506-9046-0 8/9

072506-046 LAND [illegible] BUILDING 7275 INCREASE 4688

EXEMPT

Assess 1949 Rolls R.V. Comm sale by Town of Redmond

(2)(3)(19)(45)(59)(62) Merged with (46) - R V

New add. Bldg "A" (FJ)(TI) 9/10/58

CV (Chg Legal Comm Cert 1/6/55 F-4517

910 Void - burned

Rev.

Seq TI (73) Fr (46) G-7421

" " "

Chg Legal ALCK 11/15/60 H-384 HA

RV (Chg Legal FJ Ltd 10/4/61 (Vol 1154/145) J-5179

Ch acreage pd Drayton F-1957

New Imp.

Chg A+C. Void New sketch made © New Imps. Added

Rwy Bldgs 1-2-3 & 6



LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

SECTION 7 TWP. 25 N RANGE 6 E

TAX LOT NO 46

PARCEL NO

LAND TYPE ACRES

A SHOT CLAY
B BOG
C PEAT
D SILT
E LOAM
F GRAVEL
G BOTTOM
H UPLANDS
K HILLY

V SWAMP
USELESS
... GRAVEL OR
XX STUMP
OO TIMBER
PASTURE
111 CULTIVATED

LAND USE ACRES

AERIAL PHOTO
QUARTER MAP
PLAT MAP

Polio #Co.23775

(Pt 12-19)

~~Rest NE¼ of SW¼ ly E of Co Road Also W ½ of NW¼ of SE¼~~

S 3/4 OF NW¼ OF SE¼; FOR OF S 3/4 OF NE¼ OF SW¼ LY ELY OF CO RD;
N 200' OF W½ OF SW¼ OF SE¼; N 200' OF E 660' OF SE¼ OF SW¼; LESS C & M RTS.
IN ~~TR 2 OF~~ NW¼ OF SE¼

Trees Brush Cleared Rolling

(46)

W ½ of NW¼ of SE¼

NE¼ of SW¼

800 FEET OR 640 ACRES OR 5280 FEET
400 FEET OR 160 ACRES OR 2640 FEET
200 FEET OR 40 ACRES OR 1320 FEET
100 FEET OR 10 ACRES OR 660 FEET
ONE INCH

ADDITION TAX LOT

NW 1/4 SECTION 7 TWP. 25 N. RANGE 6 BLOCK LOT 75

LIMITS

DESCRIPTION ~~POR OF $E\frac{1}{2}$ OF $SE\frac{1}{4}$ OF $NW\frac{1}{4}$ LY WLY OF CO RD. LESS C & M RTS.~~ and por Vac Rd.
~~$E\frac{1}{2}$ OF $SE\frac{1}{4}$ OF $NW\frac{1}{4}$ (INCLUDING VAC RD)~~ ~~$E\frac{1}{2}$ OF $E\frac{1}{2}$ OF $NW\frac{1}{4}$ INCLUDING VAC ST.~~
$E\frac{1}{2}$ OF $SE\frac{1}{4}$ OF $NW\frac{1}{4}$ INCL POR VAC RD.

072506-075 4680 ~~3683~~ ~~7280~~ 7275 ~~4684~~ 3684

OWNER OR CONTRACT PURCHASER	DATE	FILE NUMBER	PRICE	REMARKS
D/T. W. MAGNUSSEN	10/25/57	E 279352-356		
" "	1/9/58	E 287669		

DISTRICT:	ROAD	SCHOOL	WATER	FIRE	SEWER	HOSPITAL	AIRPORT	FERRY	METRO	EVANS CREEK FLOOD ZONE
	3	414		34		HOS. #2				

ASSESSED VALUE

YEAR	ACRES	TIMBER	LAND	BLDGS.	TOTAL	DATE	BY	REASON	SEG. NO.
1957	18.88		290		290	11/12/57	MT(T)	SEG TL 75 fr 26	E - 6181
1958	"		1900		1900	"		(Chg Legal (Comm Rd 1/4/58) FJ (T) 9/10/58 " 4512) &	
19								CHG LEGAL NL(k) 1/15/60	H-387
~~19 60~~	~~37.76~~		~~1900~~		~~1900~~	~~1/7/60~~		~~MT.(T) SEG TL 75 fr 26~~	~~H - 2344~~
19 60	18.88		2150		2150	1/11/60	MT(T)	SEG TL 80 fr 26 & 80	H - 2344
19 63	20.32		4680	—	4680	11-28-61	MB	R/W (Bypass engr's Drafting MT(M) 2-2164 M-1984)	
19 70			9140		9140	8/20/68	KS	RV	
19									
19									
19									
19									
19									

71 L 18280 B T 18280*072506-9075-0 8/9

10M L & H PRINTING CO.

188th Avenue Northeast & Northeast 67th Street
188th Avenue Northeast & Northeast 67th Street
Redmond, WA 98052

Inquiry Number: 3259746.2
February 15, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/15/12

Site Name:
188th Avenue Northeast &
188th Avenue Northeast &
Redmond, WA 98052

Client Name:
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

EDR Inquiry # 3259746.2

Contact: Tamara Welty

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by The Riley Group, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 188th Avenue Northeast & Northeast 67th
Address: 188th Avenue Northeast & Northeast 67th
City, State, Zip: Redmond, WA 98052
Cross Street:
P.O. # NA
Project: 2012-089
Certification # 20E7-46B8-BB5B

Sanborn® Library search results
Certification # 20E7-46B8-BB5B

UNMAPPED PROPERTY

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The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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April 4, 2012

Ms. Jill Marcotte
Scannell Development Company
800 East 96th Street, Suite 175
Indianapolis, Indiana 46240

RE: Preliminary Phase II Subsurface Investigation
Proposed FedEx Union Hill
188th Avenue Northeast
Redmond, Washington 98052
RGI Project No. 2012-088

Dear Ms. Marcotte:

The Riley Group, Inc. (RGI) is pleased to present our Preliminary Phase II Subsurface Investigation (Phase II) for the Proposed FedEx Union Hill property located on 188th Avenue Northeast, Redmond, King County, Washington (hereafter referred to as the Site, Figure 1).

The Site includes tax lots 5, 6, and 7 and the southern portion of tax lot 4 within tax parcel number 0725069129. The Site consists of an undeveloped, reclaimed gravel pit with four occupants, including: Waste Management, Schnitzer Steel Industries, Trepus Demolition, and Red-E Topsoil. The Site's layout is shown on Figure 2.

Authorization for this project was provided by Scannell Development Company on February 10, 2012. Additional laboratory analyses (beyond the scope of work in the proposal) were authorized via email on March 14, 2012. As requested by Scannell Development Company, this Phase II was performed in conjunction with a Phase I Environmental Site Assessment (ESA) and Geotechnical Engineering Report (both presented under separate cover).

PROJECT BACKGROUND

RGI recently completed a Phase I ESA, on behalf of Scannell Development Company, dated April 3, 2012 (RGI project number 2012-089). Based on its findings, the following recognized environmental conditions (RECs) were identified:

- **Fill from Unknown Sources:** Cadman Gravel Company mined the Site between approximately the early 1980s and 1990. Fill brought to the Site during reclamation came from a variety of sources. Fill from unknown sources was considered a potential REC.
- **Apparent Petroleum Sheen in a Ditch:** Petroleum sheen was observed in a vegetated drainage ditch in the central portion of the Site, which is in the vicinity of Trepus Demolition's drum storage area. The source of the sheen was unknown, but was possibly related to stormwater runoff from Trepus Demolition. The petroleum sheen was considered a potential REC.
- **White Sheen/Residue:** An unknown white sheen/residue was observed on pooled water behind debris containers associated with Schnitzer Steel Industries near the eastern boundary

Western Washington, Corporate Office
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone 425.415.0551 ♦ Fax 425.415.0311

Eastern Washington and Oregon Office
1838 South Washington Street
Kennewick, Washington 99337
Phone 509.586.4840 ♦ Fax 509. 586.4863

www.riley-group.com

of the Site. The substance was unknown and appeared to be associated with the nearby debris containers. The unknown white sheen/residue was considered a potential REC.

RGI recommended that this Phase II be conducted to further evaluate potential impacts to the soil and shallow groundwater quality from the above-mentioned RECs.

At Scannell Development Company's request, RGI has performed this Phase II to evaluate the above-mentioned RECs for the Site.

SCOPE OF WORK

The scope of work for this project was performed in accordance with our proposal (as requested by Scannell Development Company), dated February 7, 2012, and is discussed below.

SUBSURFACE INVESTIGATION AND SAMPLING

Project Set-up: Public Utility Locate

At least 48 hours prior to commencing our subsurface investigation, RGI contacted One-Call to locate known public underground utilities near, or on, the Site. Public underground utilities located included electric, natural gas, telecommunications, water, sewer, and cable.

Subsurface Investigation

On March 6, 2012, a total of 12 test pits (TP1 through TP10, Geo-TP10, and Geo-TP11) were advanced to depths of approximately two feet below ground surface (bgs), with the exception of three test pits. Test pit TP1 was advanced to approximately nine feet bgs. Geotechnical test pit Geo-TP10 was advanced to approximately 16 feet bgs. Geotechnical test pit Geo-TP11 was advanced to approximately eight feet bgs.

Test pits TP1 through TP6 were located in the vicinity of Trepus Demolition. Test pits TP7 through TP10 were located in the vicinity of Schnitzer Steel Industries. Test pits Geo-TP10 and Geo-TP11 were located in the central portion of the Site.

On March 8, 2012, a total of four borings (B1 through B4) were advanced to depths ranging from approximately 32 to 52 feet bgs. Borings B1 and B2 were advanced to approximately 51 to 52 feet bgs. Borings B3 and B4 were advanced to approximately 32 feet bgs. Borings B1 through B4 were located in the northern central portion of the Site.

On March 9, 2012, a total of six borings (B5 through B10) were advanced to depths ranging from approximately 16 to 32 feet bgs. Borings B5 and B6 were advanced to approximately 32 feet bgs. Borings B7 through B10 were advanced to approximately 16 to 17 feet bgs.

Boring B5 was located in the vicinity of Schnitzer Steel Industries. Borings B6, B7, B8, and B10 were located in the central portion of the Site near test pits Geo-TP10 and Geo-TP11. Boring B9 was located near the drainage ditch noted to have petroleum sheen.

Test pit and boring locations are shown on Figure 2. Test pits were advanced using an excavator owned and operated by Northwest Excavating, under subcontract to RGI. Borings were advanced using a trailer-mounted hollow stem auger drill rig owned and operated by Boretec, under subcontract to RGI.

Subsurface Conditions

Soil conditions encountered were described using the Unified Soil Classification System (USCS). Shallow subsurface soils encountered during drilling generally consisted of brown to gray, moist to wet, loose to very dense, silty sand and sandy silt with some gravel. An isolated occurrence of shallow groundwater was encountered in only one boring location (B1) at a depth of approximately 41 feet bgs. Groundwater was not encountered during drilling in the other two deep borings, which reached depths of approximately 51 to 52 feet bgs.

Soil Sampling

Discrete soil samples were collected at approximately 5-foot intervals at each test pit and boring location (unless there was too little recovery to sample), inspected, and field screened for the presence of volatile organic compounds (VOCs) using a portable gas photoionization detector (PID) and/or water sheen test. No elevated PID readings were noted at any of the test pit or boring locations.

Odors, sheens, discolorations, or other evidence of contamination were not observed in any locations, with the exception of petroleum odor in geotechnical test pits Geo-TP10 and Geo-TP11. Petroleum odor was noted between approximately nine and 10 feet bgs in geotechnical test pit Geo-TP10 and between approximately seven and eight feet bgs in geotechnical test pit Geo-TP11.

Groundwater Grab Sampling

A groundwater grab sample was collected from boring B1 at a depth of approximately 41 feet bgs. The groundwater sample was collected through a one-inch-diameter temporary well screen down the hole using a peristaltic pump and disposable plastic tubing under low-flow conditions.

Note: Groundwater grab samples may not be representative of groundwater conditions or quality (due to the increased sample turbidity associated with the sampling method). To obtain samples that are definitively representative of groundwater would require the installation, development, and sampling of groundwater monitoring wells, which is not the objective of this study. The objective of this study was to determine whether, and in relative terms, groundwater has been adversely affected by the potential contaminants of concern. Groundwater grab sampling will satisfy this project objective as well as provide useful information regarding potential groundwater monitoring well locations, should they be required.

Sampling Protocols

All samples were collected in accordance with our standard operating and decontamination procedures. Samples were placed in preconditioned, sterilized containers provided by an Ecology-accredited analytical laboratory. Soil samples collected for analysis of VOCs were collected using the Ecology-required 5035 sampling method. The samples were placed in a chilled cooler throughout the field program, with all subsequent transportation and transfer accomplished in strict accordance with RGI's chain of custody procedures. Analytical test certificates, including quality control, data, and chain of custody documentation for all samples submitted to the analytical testing laboratory by RGI as part of this Phase II are included in Appendix A.

REGULATORY FRAMEWORK

Washington's chemical release cleanup law, the Model Toxics Control Act (MTCA, RCW 70.105D), mandates that site cleanups protect human health and the environment. The MTCA Cleanup Regulation (WAC173-340) defines the approach for establishing cleanup requirements for individual sites, including the establishment of cleanup standards and selection of cleanup actions.

MTCA regulation provides three options for establishing generic and site-specific cleanup levels for soil and groundwater. MTCA Method A cleanup levels have been adopted for specific purposes and are intended to provide conservative cleanup levels for sites undergoing routine site characterization or cleanup actions for those sites with relatively few hazardous substances. MTCA Method B and C cleanup levels are set using a site risk assessment, which focus on the use of "reasonable maximum exposure" assumptions based on site-specific characteristics and toxicity of the contaminants of concern (COCs).

For purposes of comparison, analytical laboratory data for this project were compared to the MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses and MTCA Method A Cleanup Levels for Ground Water (considered protective of drinking water). The MTCA Method A Cleanup Levels

are summarized in the attached Table 1. MTCA Method B Cleanup Levels are used if any detected COCs have not been assigned a MTCA Method A Cleanup Level.

ANALYTICAL LABORATORY ANALYSIS

Soil and groundwater grab samples were submitted to Friedman & Bruya, Inc., an Ecology-accredited, third-party analytical laboratory for the requested analyses.

A total of 20 soil samples were selected for laboratory analysis. The samples were analyzed for one or more of the following COCs:

- Total petroleum hydrocarbons (TPH) identification using Ecology test method NWTPH-HCID.
- Diesel- and oil-range TPH using Ecology Test Method TPH-Dx with silica gel cleanup (to remove any naturally occurring biogenic material).
- Gasoline-range TPH using Ecology Test Method TPH-Gx.
- Volatile organic compounds (VOCs) using EPA Test Method 8260B.
- Carcinogenic polycyclic aromatic hydrocarbons (cPAHs) using EPA Test Method 8270D SIM.
- MTCA metals including lead, arsenic, cadmium, chromium, and mercury by EPA Test Method 200.8 and 1631E.

ANALYTICAL RESULTS

Analytical results and the respective MTCA Method A Cleanup Levels for Unrestricted Land Uses are summarized in the attached Table 1 and are discussed below. MTCA Method B Cleanup Levels are used if any detected COCs have not been assigned a MTCA Method A Cleanup Level. Test pit and boring locations are shown on Figure 2.

Eighteen of 20 analyzed soil samples were found to have concentrations of the COCs either below the laboratory method detection limits (nondetectable) or below the applicable MTCA Method A Cleanup Levels. Detections of diesel-range TPH ranged from 69 to 300 milligrams per kilogram (mg/kg), which are below the MTCA Method A Cleanup Level of 2,000 mg/kg. Detections of oil-range TPH below the MTCA Method A Cleanup Level (2,000 mg/kg) ranged from 380 to 880 mg/kg. Detections of cPAHs below the MTCA Method A Cleanup Level (0.1 mg/kg; see Table 2) ranged from 0.023 to 0.096 mg/kg. Detections of arsenic ranged from 2.42 to 4.81 mg/kg, which are below the MTCA Method A Cleanup Level of 20 mg/kg. Detections of lead ranged from 5.28 to 21.1 mg/kg, which are below the MTCA Method A Cleanup Level of 250 mg/kg.

Chromium concentrations ranged from 12.9 to 23.4 mg/kg, which are below the MTCA Method A Cleanup Level for chromium III. The MTCA Method A Cleanup Level is 2,000 mg/kg for chromium III and 19 mg/kg for chromium VI. Analytical results for chromium are for total chromium (the sum of chromium III and chromium VI). Most chromium detections are for chromium III; therefore, the cleanup level of 2,000 mg/kg was used for comparison purposes.

Soil sample TP7-0 (surface sample) had a concentration of 2,200 milligrams per kilogram (mg/kg) of oil-range TPH, which exceeds the MTCA Method A Cleanup Level of 2,000 mg/kg. Soil sample TP7-0 also had concentrations of (MTCA Method A Cleanup Levels in parentheses) 300 mg/kg of diesel-range TPH (2,000 mg/kg), 0.096 mg/kg of cPAHs (0.1 mg/kg; see Table 2), 3.60 mg/kg of arsenic (20 mg/kg), 15.6 mg/kg of chromium (2,000 mg/kg), and 19.1 mg/kg of lead (250 mg/kg). These concentrations are below the applicable MTCA Method A Cleanup Levels. Test pit TP7 was located on the eastern boundary of the Site in the vicinity of Schnitzer Steel Industries.

Soil sample B4-10 had a concentration of 0.13 mg/kg of cPAHs, which exceeds the MTCA Method A Cleanup Level of 0.1 mg/kg (see Table 2). Soil sample B4-10 also had concentrations of (MTCA

Method A Cleanup Levels in parentheses) 0.067 mg/kg of xylenes (9 mg/kg), 0.058 mg/kg of n-Propylbenzene, 0.069 mg/kg of 1,3,5-Trimethylbenzene, 0.21 mg/kg of 1,2,4-Trimethylbenzene, 3.33 mg/kg of arsenic (20 mg/kg), 20.3 mg/kg of chromium (2,000 mg/kg), and 8.91 mg/kg of lead (250 mg/kg). These concentrations are below the applicable MTCA Method A Cleanup Levels. N-Propylbenzene and 1,3,5-Trimethylbenzene have not been assigned MTCA Method A Cleanup Levels; however, the concentrations are below the MTCA Method B Cleanup Levels of 8,000 mg/kg and 800 mg/kg, respectively. 1,2,4-Trimethylbenzene has not been assigned a MTCA Method A or B Cleanup Level. Boring B4 is located in the western portion of the Site.

The laboratory indicated that the 1,2,4-Trimethylbenzene result in the laboratory control sample was out of control limits and therefore the reported concentration should be considered an estimate. The laboratory also indicated that the sample chromatographic pattern for all noted diesel-range TPH detections did not resemble the fuel standard used for quantitation, which suggests that the detections are a result of interference from the elevated oil-range TPH.

CONCLUSIONS AND RECOMMENDATIONS

Based on our Preliminary Phase II findings, RGI concludes the following:

- Soil samples analyzed from the vicinity of the petroleum sheen in the drainage ditch near the Trepus Demolition area were found to have nondetectable concentrations of the COCs.
- Surface soil sample TP7-0 analyzed from the vicinity of the white sheen/residue near the Schnitzer Steel Industries area was found to have concentrations of COCs below the applicable MTCA Method A Cleanup Levels, with the exception of oil-range TPH. The oil-range TPH concentration was identified at 2,200 mg/kg, which exceeds the MTCA Method A Cleanup Level of 2,000 mg/kg. The surficial petroleum contaminated soil (PCS) appears to represent an isolated area.
- Soil samples analyzed throughout the Site to evaluate the quality of the fill were found to have either nondetectable concentrations of the COCs or concentrations below the applicable MTCA Method A Cleanup Levels, with the exception of one soil sample. Soil sample B4-10 was found to have a concentration of 0.13 mg/kg of cPAHs, which exceeds the MTCA Method A Cleanup Level of 0.1 mg/kg. Concentrations of cPAHs exceeding the MTCA Method A Cleanup Level may exist in other areas of the Site due to the quality of the fill identified throughout the Site (above detection limits with some close to the MTCA Method A Cleanup Level).
- Apparent petroleum odor was noted in geotechnical test pits Geo-TP10 and Geo-TP11. However, soil sample Geo-TP10-10 and other soil samples analyzed from the vicinity were found to have either nondetectable concentrations of the COCs or concentrations below the applicable MTCA Method A Cleanup Levels.

Further laboratory analysis, and potentially further subsurface investigation, is needed to better define the nature and extent of the identified oil-range TPH and cPAHs, which exceed their respective MTCA Method A Cleanup Levels in the vicinity of test pit TP7 and boring B4. The surficial PCS identified at test pit TP7 may represent an isolated area. However, cPAHs detected in fill soils at boring B4 exceeding the MTCA Method A Cleanup Level may exist in fill soils in other areas of the Site.

Taylor Union Hill LLC, the current owner of the Site, authorized additional laboratory analyses on March 29, 2012. The additional analyses were requested from soil samples collected during the March 2012 investigation and included testing for oil-range TPH and cPAHs. The results have not been received as of the date of this report and will be provided upon our review and receipt.

Under MTCA (WAC 173-340-300), "any owner or operator who has information that a hazardous substance has been released to the environment at the owner's or operator's facility and may be a

threat to human health and the environment shall report such information to the department within 90 days of discovery."

However, based on our findings to-date, it does not appear that a release report to Ecology is warranted at this time.

PROJECT LIMITATIONS

This report is the property of RGI, FedEx Ground Package System, Inc., Scannell Development Company, Scannell Development Company's lender, and their authorized representatives or affiliates and was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions. This report is intended for specific application to the property located on 188th Avenue Northeast, Redmond, Washington. No other warranty, expressed or implied, is made.

The analyses and recommendations presented in this report are based upon data obtained from our review of available information at the time of preparing this report, our test pits excavated or test borings drilled on the Site, or other noted data sources. Conditional changes may occur through time by natural or human-made process on this or adjacent properties. Additional changes may occur in legislative standards, which may or may not be applicable to this report. These changes, beyond RGI's control, may render this report invalid, partially or wholly. If variations appear evident, RGI should be requested to reevaluate the recommendations in this report.

We trust that this report meets your current project needs. Please contact the undersigned at (425) 415-0551 should you have any questions or need additional information.

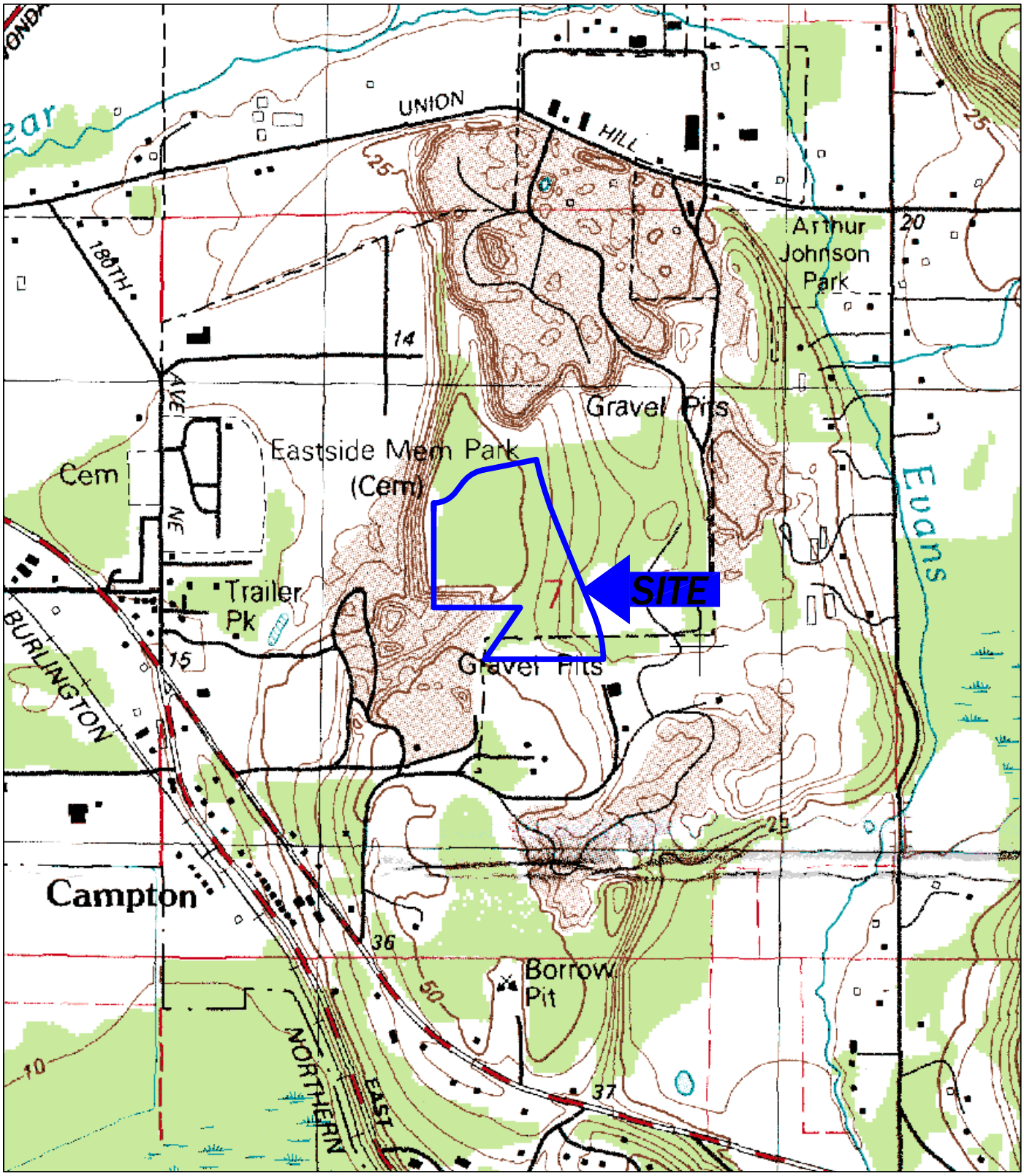
Sincerely,
THE RILEY GROUP, INC.

Tamara Welty, GT
Staff Geologist

Paul Riley, LG, LHG
Principal/Senior Reviewer

Report Distribution: Ms. Jill Marcotte, Scannell Development Company (one bound copy and PDF)

Attachments:
Figure 1 Site Vicinity Map
Figure 2 Site Plan with Test Pit and Boring Locations
Table 1 Summary of Soil Sample Analytical Laboratory Results
Table 2 Toxicity Equivalency for cPAH
Appendix A Analytical Laboratory Results



USGS, 1982, Bellevue North, Washington
7.5-Minute Quadrangle

Approximate Scale: 1"=1000'

0 500 1000 2000

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure 1
RGI Project Number 2012-088	Site Vicinity Map	Date Drawn: 04/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

Mobile Office

Petroleum Sheen

Shipping Containers

Sheds

Fenced Storage Yard

Inferred Groundwater Flow Direction

Red-E Topsoil

TESC Detention Pond

Red-E Topsoil

Vegetated

Vegetated

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

TESC Wet Pond

B-3

B-2

B-1

Vegetated

B-4

Gravel

188th Avenue Northeast (Gravel)

Lehigh Portland Cement Co. (Former Cadman Gravel Co.)

Waste Management

Trash Containers

Petroleum Sheen in Vegetated Ditch

Ditch

TP6

TP4

TP1

TP5

Concrete Barrier

Vaults

TP2

B-9

TP3

Trepus Demolition

B-7

Geo-TP10

Empty Debris Containers

TP7

B-5

TP8

White Sheen

B-10

TP9

Geo-TP11

B-6

Schnitzer Steel Industries

TP10

Debris Containers

Drum Storage Areas

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

Redmond East Business Campus (Industrial Park with Offices and Warehouses)

B-8

Vegetated Ditch

Gravel

Vegetated Ditch

NE 67th Street

Genie Industries Distribution Warehouse

Genie Industries Distribution Warehouse

= Boring Location by RGI 03/08/12 and 03/09/12

= Test Pit Location by RGI 03/06/12

= Soil Pile

= Pond

= Gravel Pile

= Site Boundary

Approximate Scale: 1"=160'

0 80 160 320

N

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FedEx Union Hill		Figure 2
RGI Project Number 2012-088	Site and Surrounding Area	Date Drawn: 04/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

Table 1. Summary of Soil Sample Analytical Laboratory Results
FedEx Union Hill
188th Avenue Northeast, Redmond, Washington 98052
The Riley Group, Inc. Project #2012-088

Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
TP1-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	----	----	----	----	----	----
TP1-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP1-9	9	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	----	----	----	----	----	----
TP2-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	----	----	----	----	----	----
TP2-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP3-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	----	----	----	----	----	----
TP3-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-1	1	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	----	----	----	----	----	----
TP5-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-0	0	03/06/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	300 x	**2,200**	ND<20	ND<50	D>250	ND	0.096	3.60	ND<1	15.6	19.1	ND<0.1
TP7-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-1	1	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-2	2	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Ditch	7	03/06/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Geo-TP10-10	10	03/06/12	0.0	ND<2	ND<0.03	ND<0.05	ND<0.05	ND<0.1	76 x	ND<250	----	----	----	ND	0.026	3.14	ND<1	15.8	14.7	ND<0.1
B1-10	10	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.01	4.26	ND<1	21.0	7.07	ND<0.1
B1-20	20	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.02	3.28	ND<1	18.4	7.13	ND<0.1
B2-5	5	03/08/12	0.0	ND<2	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	0.032	4.47	ND<1	15.2	5.96	ND<0.1
B2-15	15	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	ND<0.01	3.98	ND<1	23.4	5.28	ND<0.1
B3-5	5	03/08/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	----	----	----	----	----	----
B3-10	10	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	ND<0.1	----	----	ND<20	ND<50	ND<250	ND	0.023	4.81	ND<1	19.3	21.1	ND<0.1
B4-10	10	03/08/12	0.0	----	ND<0.03	ND<0.05	ND<0.05	0.067	----	----	ND<20	ND<50	ND<250	n-Propylbenzene = 0.058 1,3,5-Trimethylbenzene = 0.069 1,2,4-Trimethylbenzene = 0.21 jl	**0.13**	3.33	ND<1	20.3	8.91	ND<0.1
B4-15	15	03/08/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-20	20	03/08/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-25	25	03/08/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-5'	5	03/09/12	0.0	ND<2	ND<0.03	ND<0.05	ND<0.05	ND<0.1	ND<50	ND<250	----	----	----	ND	0.027	2.42	ND<1	12.9	5.45	ND<0.1
B5-20'	20	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-25'	25	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-5'	5	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-7.5'	7.5	03/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	----	----	----	----	----	----
B6-20'	20	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B7-5'	5	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B7-10'	10	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B7-15'	15	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B8-10'	10	03/09/12	0.0	----	----	----	----	----	69 x	460	----	----	----	----	----	----	----	----	----	----
B9-10'	10	03/09/12	0.0	----	----	----	----	----	75 x	880	----	----	----	----	----	----	----	----	----	----
B10-7.5'	7.5	03/09/12	0.0	----	----	----	----	----	ND<50	380	----	----	----	----	----	----	----	----	----	----
B10-10'	10	03/09/12	0.0	----	----	----	----	----	ND<50	ND<250	----	----	----	----	----	----	----	----	----	----
B10-15'	15	03/09/12	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels				**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2]** **1,3,5-Trimethylbenzene = 800[2]** **1,2,4-Trimethylbenzene = n/a**	**Tox Eq = 0.1**	**20**	**2**	**2,000**	**250**	**2**

All results and detection limits are given in mg/kg; equivalent to parts per million (ppm).
Sample Depth = Soil sample depth interval in feet below ground surface (bgs).
PID = Photoionization Detector.
TPH = total petroleum hydrocarbons.
Gasoline TPH determined using Ecology Test Method NWTPH Gx.
BTEX (benzene, toluene, ethylbenzene, and xylenes) and VOCs (Volatile Organic Compounds) determined using EPA Test Method 8260C.
Diesel and Oil TPH determined using Ecology Test Method NWTPH Dx with silica gel cleanup.
Gasoline, Diesel, and Oil HCID (Hydrocarbon Identification) determined using Ecology Test Method NWTPH-HCID.
cPAHs (carcinogenic Polynuclear Aromatic Hydrocarbons) determined using EPA Test Method 8270D SIM.
MTCA 5 Metals (As = Arsenic, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Mercury) determined using EPA Method 200.8 and 1631E.
ND = Not Detected at noted analytical detection limit.
---- = Not analyzed or not applicable.
Tox Eq = Toxicity Equivalency per WAC 173-340-708(8)
[1] The higher cleanup level is allowed if no benzene is detected in the sample and the total of toluene, ethylbenzene and xylenes is less than 1% of the gasoline mixture.
[2] Method A Cleanup Level was not available. Therefore, the MTCA Method B Cleanup Level is referenced.
jl = The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
MTCA Cleanup Level, Ecology Model Toxics Control Act Method A Soil Cleanup Levels for Unrestricted Land Use (WAC 173-340-900, Table 740-1).
Bold & yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Soil Cleanup Levels.

Table 2 - Toxicity Equivalency for cPAH

FedEx Union Hill

188th Avenue Northeast, Redmond, Washington 98052

The Riley Group, Inc. Project #2012-088

TP7-0 cPAH	**TOX EQ factor**	**Analytical Result**	**Toxicity Equivalent**
Benzo(a)anthracene	0.1	0.0025	0.00025
Chrysene	0.01	0.2	0.002
Benzo(a)pyrene	1	0.077	0.077
benzo(b)fluoranthene	0.1	0.11	0.011
benzo(k)fluroanthene	0.1	0.0025	0.00025
Indeno(1,2,3-cd) pyrene	0.1	0.054	0.0054
Dibenz(a,h) anthracene	0.1	0.0025	0.00025
SUM			0.09615

Geo-TP10-10 cPAH	**TOX EQ factor**	**Analytical Result**	**Toxicity Equivalent**
Benzo(a)anthracene	0.1	0.02	0.002
Chrysene	0.01	0.031	0.00031
Benzo(a)pyrene	1	0.019	0.019
benzo(b)fluoranthene	0.1	0.021	0.0021
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.012	0.0012
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02561

B2-5 cPAH	**TOX EQ factor**	**Analytical Result**	**Toxicity Equivalent**
Benzo(a)anthracene	0.1	0.019	0.0019
Chrysene	0.01	0.022	0.00022
Benzo(a)pyrene	1	0.024	0.024
benzo(b)fluoranthene	0.1	0.029	0.0029
benzo(k)fluroanthene	0.1	0.011	0.0011
Indeno(1,2,3-cd) pyrene	0.1	0.018	0.0018
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.03242

B3-10 cPAH	**TOX EQ factor**	**Analytical Result**	**Toxicity Equivalent**
Benzo(a)anthracene	0.1	0.013	0.0013
Chrysene	0.01	0.016	0.00016
Benzo(a)pyrene	1	0.017	0.017
benzo(b)fluoranthene	0.1	0.02	0.002
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.014	0.0014
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02286

Method A Cleanup Level	**0.1**

Table 2 continued - Toxicity Equivalency for cPAH

FedEx Union Hill

188th Avenue Northeast, Redmond, Washington 98052

The Riley Group, Inc. Project #2012-088

B4-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.05	0.005
Chrysene	0.01	0.05	0.0005
Benzo(a)pyrene	1	0.1	0.1
benzo(b)fluoranthene	0.1	0.1	0.01
benzo(k)fluroanthene	0.1	0.05	0.005
Indeno(1,2,3-cd) pyrene	0.1	0.05	0.005
Dibenz(a,h) anthracene	0.1	0.05	0.005
SUM			**0.1305**

B5-5' cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.014	0.0014
Chrysene	0.01	0.024	0.00024
Benzo(a)pyrene	1	0.021	0.021
benzo(b)fluoranthene	0.1	0.023	0.0023
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.014	0.0014
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02734

Method A Cleanup Level	**0.1**

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
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March 26, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on March 7, 2012 from the 2012-088, F&BI 203095 project. There are 28 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0326R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 7, 2012 by Friedman & Bruya, Inc. from the The Riley Group 2012-088, F&BI 203095 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
203095-01	TP1-1
203095-02	TP1-2
203095-03	TP1-9
203095-04	TP2-1
203095-05	TP2-2
203095-06	TP3-1
203095-07	TP3-2
203095-08	TP4-1
203095-09	TP4-2
203095-10	TP5-1
203095-11	TP5-2
203095-12	TP6-1
203095-13	TP6-2
203095-14	TP7-0
203095-15	TP7-1
203095-16	TP7-2
203095-17	TP8-1
203095-18	TP8-2
203095-19	TP9-1
203095-20	TP9-2
203095-21	TP10-1
203095-22	TP10-2
203095-23	Ditch
203095-24	Geo-TP10-10

The 8260C calibration standard failed the acceptance criteria for 2,2-dichloropropane. The data were flagged accordingly.

Sample Geo-TP10-10 was not received in a 5035 sampling container. The data were flagged accordingly.

1,2,4-Trimethylbenzene in the 8260C laboratory control sample and laboratory control sample duplicate failed the acceptance criteria. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095
Date Extracted: 03/19/12
Date Analyzed: 03/20/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 50-150)
TP7-0 203095-14	ND	ND	D	107
Method Blank 02-457 MB	ND	ND	ND	102

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095
Date Extracted: 03/16/12
Date Analyzed: 03/16/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
Geo-TP10-10 pc 203095-24	<2	100
Method Blank 02-0446 MB	<2	99

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095
Date Extracted: 03/15/12 and 03/23/12
Date Analyzed: 03/16/12 and 03/24/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
TP1-1 203095-01	<50	<250	127
TP1-9 203095-03	<50	<250	119
TP2-1 203095-04	<50	<250	110
TP3-1 203095-06	<50	<250	114
TP5-1 203095-10	<50	<250	112
TP7-0 203095-14	300 x	2,200	130
Geo-TP10-10 203095-24	76 x	<250	116
Method Blank 02-440 MB2	<50	<250	102
Method Blank 02-440 MB2	<50	<250	102

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP7-0	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-14
Date Analyzed:	03/16/12	Data File:	203095-14.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	93	60	125
Indium	83	60	125
Holmium	86	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	15.6
Arsenic	3.60
Cadmium	<1
Lead	19.1

Analysis For Total Metals By EPA Method 200.8

Client ID:	Geo-TP10-10	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-24
Date Analyzed:	03/16/12	Data File:	203095-24.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	104	60	125
Indium	96	60	125
Holmium	102	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	15.8
Arsenic	3.14
Cadmium	<1
Lead	14.7

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	I2-176 mb
Date Analyzed:	03/16/12	Data File:	I2-176 mb.014
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	104	60	125
Indium	104	60	125
Holmium	107	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095
Date Extracted: 03/16/12
Date Analyzed: 03/19/12

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Total Mercury
TP7-0 203095-14	<0.1
Geo-TP10-10 203095-24	<0.1
Method Blank	<0.1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP1-1	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-01
Date Analyzed:	03/17/12	Data File:	031707.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP1-9	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-03
Date Analyzed:	03/17/12	Data File:	031708.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP2-1	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-04
Date Analyzed:	03/17/12	Data File:	031709.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP3-1	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-06
Date Analyzed:	03/17/12	Data File:	031710.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP5-1	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-10
Date Analyzed:	03/17/12	Data File:	031711.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP7-0	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-14
Date Analyzed:	03/17/12	Data File:	031712.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Geo-TP10-10	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	203095-24
Date Analyzed:	03/17/12	Data File:	031713.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203095
Date Extracted:	03/16/12	Lab ID:	02-0418 mb
Date Analyzed:	03/16/12	Data File:	031622.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP7-0	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/20/12	Lab ID:	203095-14 1/25
Date Analyzed:	03/22/12	Data File:	032221.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	220 ds	50	150
Benzo(a)anthracene-d12	105	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	0.20
Benzo(a)pyrene	0.077
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	0.054
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Geo-TP10-10	Client:	The Riley Group
Date Received:	03/07/12	Project:	2012-088, F&BI 203095
Date Extracted:	03/20/12	Lab ID:	203095-24 1/5
Date Analyzed:	03/21/12	Data File:	032020.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	113	50	150
Benzo(a)anthracene-d12	101	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.020
Chrysene	0.031
Benzo(a)pyrene	0.019
Benzo(b)fluoranthene	0.021
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.012
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203095
Date Extracted:	03/20/12	Lab ID:	02-0458 mb2 1/5
Date Analyzed:	03/20/12	Data File:	032012.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	115	50	150
Benzo(a)anthracene-d12	78	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 203211-01 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	61-153

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 203178-04 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	350	99	104	64-133	5

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	98	58-147

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 203316-09 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	108	109	63-146	1

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	79-144

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 203211-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	10.7	93 b	92 b	51-132	1 b
Arsenic	mg/kg (ppm)	10	2.06	94 b	96 b	44-151	2 b
Cadmium	mg/kg (ppm)	10	<1	101	100	83-120	1
Lead	mg/kg (ppm)	50	3.02	102	100	65-126	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	94	79-125
Arsenic	mg/kg (ppm)	10	92	80-120
Cadmium	mg/kg (ppm)	10	98	89-116
Lead	mg/kg (ppm)	50	97	81-120

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 203211-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: 203211-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.1	105	106	54-156	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	100	73-131

Date of Report: 03/26/12
Date Received: 03/07/12
Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 203095-24 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	17	10-142
Chloromethane	mg/kg (ppm)	2.5	<0.5	44	10-126
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	42	10-138
Bromomethane	mg/kg (ppm)	2.5	<0.5	57	10-163
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	10-176
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	65	10-176
Acetone	mg/kg (ppm)	12.5	<0.5	76	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	10-160
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	10-156
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	69	21-145
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	14-137
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	69	19-140
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	43	10-158
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	25-135
Chloroform	mg/kg (ppm)	2.5	<0.05	71	21-145
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	69	19-147
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	74	12-160
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	68	10-156
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	66	17-140
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	63	9-164
Benzene	mg/kg (ppm)	2.5	<0.03	67	29-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	64	21-139
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	72	30-135
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	72	23-155
Dibromomethane	mg/kg (ppm)	2.5	<0.05	74	23-145
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	70	24-155
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	65	28-144
Toluene	mg/kg (ppm)	2.5	<0.05	65	35-130
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	66	26-149
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	30-142
2-Hexanone	mg/kg (ppm)	12.5	<0.5	80	15-166
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	69	31-137
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	62	20-133
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	69	28-150
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	70	28-142
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	69	32-129
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	67	32-137
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	71	31-143
m,p-Xylene	mg/kg (ppm)	5	<0.1	65	34-136
o-Xylene	mg/kg (ppm)	2.5	<0.05	66	33-134
Styrene	mg/kg (ppm)	2.5	<0.05	70	35-137
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	67	31-142
Bromoform	mg/kg (ppm)	2.5	<0.05	71	21-156
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	66	23-146
Bromobenzene	mg/kg (ppm)	2.5	<0.05	69	34-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	64	18-149
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	72	28-140
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	71	25-144
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	66	31-134
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	66	31-136
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	65	30-137
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	62	10-182
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	65	23-145
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	64	21-149
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	67	30-131
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	66	29-129
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	67	31-132
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	64	11-161
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	62	22-142
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	59	19-142
Naphthalene	mg/kg (ppm)	2.5	<0.05	63	14-157
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	65	20-144

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Project: 2012-088, F&BI 203095

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	37	38	10-146	3
Chloromethane	mg/kg (ppm)	2.5	60	60	27-133	0
Vinyl chloride	mg/kg (ppm)	2.5	64	64	22-139	0
Bromomethane	mg/kg (ppm)	2.5	72	72	38-114	0
Chloroethane	mg/kg (ppm)	2.5	66	77	20-153	15
Trichlorofluoromethane	mg/kg (ppm)	2.5	79	84	10-196	6
Acetone	mg/kg (ppm)	12.5	82	83	52-141	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	80	47-128	3
Methylene chloride	mg/kg (ppm)	2.5	80	81	42-132	1
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	78	81	60-123	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	78	76	67-127	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	82	84	68-115	2
2,2-Dichloropropane	mg/kg (ppm)	2.5	79	81	57-133	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	81	84	72-113	4
Chloroform	mg/kg (ppm)	2.5	83	84	66-120	1
2-Butanone (MEK)	mg/kg (ppm)	12.5	81	84	57-123	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	82	83	56-135	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	83	86	62-131	4
1,1-Dichloropropene	mg/kg (ppm)	2.5	81	83	69-128	2
Carbon tetrachloride	mg/kg (ppm)	2.5	83	85	60-139	2
Benzene	mg/kg (ppm)	2.5	80	81	68-114	1
Trichloroethene	mg/kg (ppm)	2.5	77	79	68-114	3
1,2-Dichloropropane	mg/kg (ppm)	2.5	83	85	72-127	2
Bromodichloromethane	mg/kg (ppm)	2.5	85	88	72-130	3
Dibromomethane	mg/kg (ppm)	2.5	86	87	70-120	1
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	82	84	45-145	2
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	82	83	75-136	1
Toluene	mg/kg (ppm)	2.5	79	80	66-126	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	84	84	72-132	0
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	82	83	75-113	1
2-Hexanone	mg/kg (ppm)	12.5	86	88	33-152	2
1,3-Dichloropropane	mg/kg (ppm)	2.5	81	82	72-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	81	82	72-114	1
Dibromochloromethane	mg/kg (ppm)	2.5	87	88	74-125	1
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	84	86	74-132	2
Chlorobenzene	mg/kg (ppm)	2.5	81	84	76-111	4
Ethylbenzene	mg/kg (ppm)	2.5	80	81	64-123	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	84	85	69-135	1
m,p-Xylene	mg/kg (ppm)	5	79	80	78-122	1
o-Xylene	mg/kg (ppm)	2.5	78	80	77-124	3
Styrene	mg/kg (ppm)	2.5	82	84	74-126	2
Isopropylbenzene	mg/kg (ppm)	2.5	81	83	76-127	2
Bromoform	mg/kg (ppm)	2.5	87	89	56-132	2
n-Propylbenzene	mg/kg (ppm)	2.5	80	82	74-124	2
Bromobenzene	mg/kg (ppm)	2.5	82	84	72-122	2
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	79	80	76-126	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	83	83	56-143	0
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	81	83	61-137	2
2-Chlorotoluene	mg/kg (ppm)	2.5	79	80	74-121	1
4-Chlorotoluene	mg/kg (ppm)	2.5	81	82	75-122	1
tert-Butylbenzene	mg/kg (ppm)	2.5	81	81	73-130	0
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	75 vo	76	76-125	1
sec-Butylbenzene	mg/kg (ppm)	2.5	81	81	71-130	0
p-Isopropyltoluene	mg/kg (ppm)	2.5	81	81	70-132	0
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	83	84	75-121	1
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	81	82	74-117	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	80	81	76-121	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	73	76	61-136	4
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	73	77	70-129	5
Hexachlorobutadiene	mg/kg (ppm)	2.5	86	86	50-153	0
Naphthalene	mg/kg (ppm)	2.5	71	77	60-125	8
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	76	82	62-130	8

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: 203240-01 1/50 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.14	<0.1	nm
Chrysene	mg/kg (ppm)	0.20	<0.1	nm
Benzo(b)fluoranthene	mg/kg (ppm)	0.20	0.10	67 a
Benzo(k)fluoranthene	mg/kg (ppm)	<0.1	<0.1	nm
Benzo(a)pyrene	mg/kg (ppm)	0.13	<0.1	nm
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.12	<0.1	nm
Dibenz(a,h)anthracene	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.17	89	91	51-115	2
Chrysene	mg/kg (ppm)	0.17	96	98	55-129	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	97	95	56-123	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	94	102	54-131	8
Benzo(a)pyrene	mg/kg (ppm)	0.17	86	88	51-118	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	96	98	49-148	2
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	97	99	50-141	2

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

203095

SAMPLE CHAIN OF CUSTODY ME 03-07-12 1122/8014/VH V84

Page # 1 of 3

Send Report To Tamara Welty
Company Riley Group Inc. (RGI)
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # 425 415 0551 Fax # 425 415 0311

SAMPLERS (signature) Tamara Welty
PROJECT NAME/NO. 2012-088
PO #
REMARKS

TURNAROUND TIME
(Standard (2 Weeks))
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Return samples
Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/Silica Gel TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HCID	MTCA 5 metals	cPAHs				Notes
TP1-1	01AE	3/6/12	12:50	soil	5	X			X									(★) - per TW 3/23/12 am
TP1-2	02	"	13:00	"	5													
TP1-9	03	"	13:10	"	5	X			X									
TP2-1	04	"	13:15	"	5	X			X									
TP2-2	05	"	13:20	"	5													
TP3-1	06	"	13:30	"	5	X			X									
TP3-2	07	"	13:35	"	5													
TP4-1	08	"	13:45	"	5													
TP4-2	09	"	13:50	"	5													
TP5-1	10	↓	14:05	↓	5	X			X									

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	03/07/12	12:45
Received by:	Eric Flaa	Eric Flaa	FB	03/07/12	12:45
Relinquished by:					
Received by:			Samples received at 2 °C		

203095

SAMPLE CHAIN OF CUSTODY ME 03-07-12

Page # 2 of 3

Send Report To Tamara Welty
Company RGI
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # 425 415 0551 Fax # 425 415 0311

SAMPLERS (signature) Tamara Welty
PROJECT NAME/NO. 2012-088
PO #
REMARKS

TURNAROUND TIME
(Standard (2 Weeks))
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Return samples
Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HCID	MTCA 5 Metals	cPAHs				Notes
						ANALYSES REQUESTED												
TP5-2	11A-E	3/6/12	14:10	soil	5													
TP6-1	12		14:30		5													Received 1 (Tph-D) Only (no VOA) -4
TP6-2	13		14:35		1													
TP7-0	14A-E		12:30		5	(X)			X			X	X	X				
TP7-1	15A-E		14:50		5													
TP7-2	16A-E		14:55		5													
TP8-1	17A-E		15:10		5													
TP8-2	18		15:15		1													
TP9-1	19A-E		15:20		5													
TP9-2	20	↓	15:25	↓	1													

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Seattle, WA 98119-2029
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Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	3/7/12	12:45
Received by:		Eric Flores	FRB	3/7/12	12:45
Relinquished by:					
Received by:			Samples received at 2 °C		

203095

SAMPLE CHAIN OF CUSTODY ME 03-07-12 TL4/D04/V1/VS

Page # 3 of 3

Send Report To Tamara Welty
Company RGI
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # 4254150551 Fax # 425 415 0311

SAMPLERS (signature) Tamara Welty
PROJECT NAME/NO. 2012-088
PO #
REMARKS

TURNAROUND TIME
(Standard (2 Weeks))
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Return samples
Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/Silica gel TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HCID	MTCA 5 metals	cPAHs				Notes
TP10-1	21A-E	3/6/12	15:30	soil	5													
TP10-2	22A-E	"	15:35	soil	5													
Ditch	23A-F	"	16:15	water	6													
Geo-TP10-10	24	↓	10:30	soil	1	X	X		X				X	X				

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Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	3/7/12	12:45
Received by:		Eric Crum	FB	3/7/12	12:45
Relinquished by:					
Received by:			Samples received at 2 °C		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
e-mail: fbi@isomedia.com

March 22, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on March 12, 2012 from the 2012-088, F&BI 203161 project. There are 36 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0322R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 12, 2012 by Friedman & Bruya, Inc. from the The Riley Group 2012-088, F&BI 203161 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
203161-01	B1-10
203161-02	B1-20
203161-03	B2-5
203161-04	B2-15
203161-05	B3-5
203161-06	B3-10
203161-07	B4-10
203161-08	B4-15
203161-09	B4-20
203161-10	B4-25
203161-11	B1-GW

The 8260C calibration standard failed the acceptance criteria for 2,2-dichloropropane. The data were flagged accordingly.

1,2,4-Trimethylbenzene in the 8260C laboratory control sample and laboratory control sample duplicate failed the acceptance criteria. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161
Date Extracted: 03/19/12
Date Analyzed: 03/19/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 50-150)
B1-10 203161-01	ND	ND	ND	103
B1-20 203161-02	ND	ND	ND	102
B2-15 203161-04	ND	ND	ND	104
B3-10 203161-06	ND	ND	ND	104
B4-10 203161-07	ND	ND	ND	102
Method Blank 02-457 MB	ND	ND	ND	102

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161
Date Extracted: 03/16/12
Date Analyzed: 03/16/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
B2-5 203161-03	<2	100
Method Blank 02-0446 MB	<2	99

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161
Date Extracted: 03/20/12
Date Analyzed: 03/20/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
B2-5 203161-03	<50	<250	102
B3-5 203161-05	<50	<250	97
Method Blank 02-467 MB	<50	<250	97

Analysis For Total Metals By EPA Method 200.8

Client ID:	B1-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-01
Date Analyzed:	03/16/12	Data File:	203161-01.024
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	112	60	125
Indium	99	60	125
Holmium	106	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	21.0
Arsenic	4.26
Cadmium	<1
Lead	7.07

Analysis For Total Metals By EPA Method 200.8

Client ID:	B1-20	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-02
Date Analyzed:	03/16/12	Data File:	203161-02.025
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	108	60	125
Indium	97	60	125
Holmium	103	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	18.4
Arsenic	3.28
Cadmium	<1
Lead	7.13

Analysis For Total Metals By EPA Method 200.8

Client ID:	B2-5	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-03
Date Analyzed:	03/16/12	Data File:	203161-03.026
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	106	60	125
Indium	96	60	125
Holmium	101	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	15.2
Arsenic	4.47
Cadmium	<1
Lead	5.96

Analysis For Total Metals By EPA Method 200.8

Client ID:	B2-15	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-04
Date Analyzed:	03/16/12	Data File:	203161-04.028
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	109	60	125
Indium	98	60	125
Holmium	105	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	23.4
Arsenic	3.98
Cadmium	<1
Lead	5.28

Analysis For Total Metals By EPA Method 200.8

Client ID:	B3-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-06
Date Analyzed:	03/16/12	Data File:	203161-06.029
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	107	60	125
Indium	96	60	125
Holmium	103	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	19.3
Arsenic	4.81
Cadmium	<1
Lead	21.1

Analysis For Total Metals By EPA Method 200.8

Client ID:	B4-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-07
Date Analyzed:	03/16/12	Data File:	203161-07.030
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	107	60	125
Indium	98	60	125
Holmium	104	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	20.3
Arsenic	3.33
Cadmium	<1
Lead	8.91

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	I2-176 mb
Date Analyzed:	03/16/12	Data File:	I2-176 mb.014
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	104	60	125
Indium	104	60	125
Holmium	107	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161
Date Extracted: 03/16/12
Date Analyzed: 03/19/12

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Total Mercury
B1-10 203161-01	<0.1
B1-20 203161-02	<0.1
B2-5 203161-03	<0.1
B2-15 203161-04	<0.1
B3-10 203161-06	<0.1
B4-10 203161-07	<0.1
Method Blank	<0.1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B1-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-01
Date Analyzed:	03/17/12	Data File:	031714.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B1-20	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-02
Date Analyzed:	03/17/12	Data File:	031715.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B2-5	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-03
Date Analyzed:	03/17/12	Data File:	031716.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B2-15	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-04
Date Analyzed:	03/17/12	Data File:	031717.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B3-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-06
Date Analyzed:	03/17/12	Data File:	031718.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B4-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	203161-07
Date Analyzed:	03/17/12	Data File:	031719.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	98	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	0.067
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05 ca	n-Propylbenzene	0.058
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	0.069
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	0.21 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203161
Date Extracted:	03/16/12	Lab ID:	02-0418 mb
Date Analyzed:	03/16/12	Data File:	031622.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05 jl
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B1-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	203161-01 1/5
Date Analyzed:	03/20/12	Data File:	032013.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	103	50	150
Benzo(a)anthracene-d12	93	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B1-20	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	203161-02 1/10
Date Analyzed:	03/20/12	Data File:	032014.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	112	50	150
Benzo(a)anthracene-d12	97	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.02
Chrysene	<0.02
Benzo(a)pyrene	<0.02
Benzo(b)fluoranthene	<0.02
Benzo(k)fluoranthene	<0.02
Indeno(1,2,3-cd)pyrene	<0.02
Dibenz(a,h)anthracene	<0.02

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B2-5	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	203161-03 1/5
Date Analyzed:	03/20/12	Data File:	032015.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	108	50	150
Benzo(a)anthracene-d12	96	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.019
Chrysene	0.022
Benzo(a)pyrene	0.024
Benzo(b)fluoranthene	0.029
Benzo(k)fluoranthene	0.011
Indeno(1,2,3-cd)pyrene	0.018
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B2-15	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	203161-04 1/5
Date Analyzed:	03/21/12	Data File:	032016.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	111	50	150
Benzo(a)anthracene-d12	90	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B3-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	203161-06 1/5
Date Analyzed:	03/21/12	Data File:	032017.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	111	50	150
Benzo(a)anthracene-d12	96	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.013
Chrysene	0.016
Benzo(a)pyrene	0.017
Benzo(b)fluoranthene	0.020
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.014
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B4-10	Client:	The Riley Group
Date Received:	03/12/12	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	203161-07 rex 1/50
Date Analyzed:	03/21/12	Data File:	032121.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	424 ds	50	150
Benzo(a)anthracene-d12	134	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	0.10
Benzo(b)fluoranthene	0.10
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203161
Date Extracted:	03/20/12	Lab ID:	02-0458 mb2 1/5
Date Analyzed:	03/20/12	Data File:	032012.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	115	50	150
Benzo(a)anthracene-d12	78	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-088, F&BI 203161
Date Extracted:	03/21/12	Lab ID:	02-0476 mb 1/5
Date Analyzed:	03/21/12	Data File:	032111.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	118	50	150
Benzo(a)anthracene-d12	92	35	159

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 203211-01 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	61-153

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 203162-01 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	160	95	96	64-133	1

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	58-147

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 203211-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	10.7	93 b	92 b	51-132	1 b
Arsenic	mg/kg (ppm)	10	2.06	94 b	96 b	44-151	2 b
Cadmium	mg/kg (ppm)	10	<1	101	100	83-120	1
Lead	mg/kg (ppm)	50	3.02	102	100	65-126	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	94	79-125
Arsenic	mg/kg (ppm)	10	92	80-120
Cadmium	mg/kg (ppm)	10	98	89-116
Lead	mg/kg (ppm)	50	97	81-120

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 203211-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: 203211-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.1	105	106	54-156	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	100	73-131

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 203095-24 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	17	10-142
Chloromethane	mg/kg (ppm)	2.5	<0.5	44	10-126
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	42	10-138
Bromomethane	mg/kg (ppm)	2.5	<0.5	57	10-163
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	10-176
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	65	10-176
Acetone	mg/kg (ppm)	12.5	<0.5	76	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	10-160
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	10-156
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	69	21-145
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	14-137
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	69	19-140
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	43	10-158
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	25-135
Chloroform	mg/kg (ppm)	2.5	<0.05	71	21-145
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	69	19-147
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	74	12-160
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	68	10-156
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	66	17-140
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	63	9-164
Benzene	mg/kg (ppm)	2.5	<0.03	67	29-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	64	21-139
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	72	30-135
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	72	23-155
Dibromomethane	mg/kg (ppm)	2.5	<0.05	74	23-145
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	70	24-155
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	65	28-144
Toluene	mg/kg (ppm)	2.5	<0.05	65	35-130
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	66	26-149
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	30-142
2-Hexanone	mg/kg (ppm)	12.5	<0.5	80	15-166
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	69	31-137
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	62	20-133
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	69	28-150
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	70	28-142
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	69	32-129
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	67	32-137
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	71	31-143
m,p-Xylene	mg/kg (ppm)	5	<0.1	65	34-136
o-Xylene	mg/kg (ppm)	2.5	<0.05	66	33-134
Styrene	mg/kg (ppm)	2.5	<0.05	70	35-137
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	67	31-142
Bromoform	mg/kg (ppm)	2.5	<0.05	71	21-156
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	66	23-146
Bromobenzene	mg/kg (ppm)	2.5	<0.05	69	34-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	64	18-149
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	72	28-140
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	71	25-144
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	66	31-134
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	66	31-136
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	65	30-137
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	62	10-182
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	65	23-145
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	64	21-149
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	67	30-131
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	66	29-129
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	67	31-132
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	64	11-161
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	62	22-142
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	59	19-142
Naphthalene	mg/kg (ppm)	2.5	<0.05	63	14-157
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	65	20-144

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	37	38	10-146	3
Chloromethane	mg/kg (ppm)	2.5	60	60	27-133	0
Vinyl chloride	mg/kg (ppm)	2.5	64	64	22-139	0
Bromomethane	mg/kg (ppm)	2.5	72	72	38-114	0
Chloroethane	mg/kg (ppm)	2.5	66	77	20-153	15
Trichlorofluoromethane	mg/kg (ppm)	2.5	79	84	10-196	6
Acetone	mg/kg (ppm)	12.5	82	83	52-141	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	80	47-128	3
Methylene chloride	mg/kg (ppm)	2.5	80	81	42-132	1
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	78	81	60-123	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	78	76	67-127	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	82	84	68-115	2
2,2-Dichloropropane	mg/kg (ppm)	2.5	79	81	57-133	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	81	84	72-113	4
Chloroform	mg/kg (ppm)	2.5	83	84	66-120	1
2-Butanone (MEK)	mg/kg (ppm)	12.5	81	84	57-123	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	82	83	56-135	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	83	86	62-131	4
1,1-Dichloropropene	mg/kg (ppm)	2.5	81	83	69-128	2
Carbon tetrachloride	mg/kg (ppm)	2.5	83	85	60-139	2
Benzene	mg/kg (ppm)	2.5	80	81	68-114	1
Trichloroethene	mg/kg (ppm)	2.5	77	79	68-114	3
1,2-Dichloropropane	mg/kg (ppm)	2.5	83	85	72-127	2
Bromodichloromethane	mg/kg (ppm)	2.5	85	88	72-130	3
Dibromomethane	mg/kg (ppm)	2.5	86	87	70-120	1
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	82	84	45-145	2
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	82	83	75-136	1
Toluene	mg/kg (ppm)	2.5	79	80	66-126	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	84	84	72-132	0
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	82	83	75-113	1
2-Hexanone	mg/kg (ppm)	12.5	86	88	33-152	2
1,3-Dichloropropane	mg/kg (ppm)	2.5	81	82	72-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	81	82	72-114	1
Dibromochloromethane	mg/kg (ppm)	2.5	87	88	74-125	1
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	84	86	74-132	2
Chlorobenzene	mg/kg (ppm)	2.5	81	84	76-111	4
Ethylbenzene	mg/kg (ppm)	2.5	80	81	64-123	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	84	85	69-135	1
m,p-Xylene	mg/kg (ppm)	5	79	80	78-122	1
o-Xylene	mg/kg (ppm)	2.5	78	80	77-124	3
Styrene	mg/kg (ppm)	2.5	82	84	74-126	2
Isopropylbenzene	mg/kg (ppm)	2.5	81	83	76-127	2
Bromoform	mg/kg (ppm)	2.5	87	89	56-132	2
n-Propylbenzene	mg/kg (ppm)	2.5	80	82	74-124	2
Bromobenzene	mg/kg (ppm)	2.5	82	84	72-122	2
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	79	80	76-126	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	83	83	56-143	0
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	81	83	61-137	2
2-Chlorotoluene	mg/kg (ppm)	2.5	79	80	74-121	1
4-Chlorotoluene	mg/kg (ppm)	2.5	81	82	75-122	1
tert-Butylbenzene	mg/kg (ppm)	2.5	81	81	73-130	0
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	75 vo	76	76-125	1
sec-Butylbenzene	mg/kg (ppm)	2.5	81	81	71-130	0
p-Isopropyltoluene	mg/kg (ppm)	2.5	81	81	70-132	0
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	83	84	75-121	1
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	81	82	74-117	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	80	81	76-121	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	73	76	61-136	4
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	73	77	70-129	5
Hexachlorobutadiene	mg/kg (ppm)	2.5	86	86	50-153	0
Naphthalene	mg/kg (ppm)	2.5	71	77	60-125	8
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	76	82	62-130	8

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: 203240-01 1/50 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.14	<0.1	nm
Chrysene	mg/kg (ppm)	0.20	<0.1	nm
Benzo(b)fluoranthene	mg/kg (ppm)	0.20	0.10	67 a
Benzo(k)fluoranthene	mg/kg (ppm)	<0.1	<0.1	nm
Benzo(a)pyrene	mg/kg (ppm)	0.13	<0.1	nm
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.12	<0.1	nm
Dibenz(a,h)anthracene	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.17	89	91	51-115	2
Chrysene	mg/kg (ppm)	0.17	96	98	55-129	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	97	95	56-123	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	94	102	54-131	8
Benzo(a)pyrene	mg/kg (ppm)	0.17	86	88	51-118	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	96	98	49-148	2
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	97	99	50-141	2

Date of Report: 03/22/12
Date Received: 03/12/12
Project: 2012-088, F&BI 203161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: 203276-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.17	0.011	95	23-144
Chrysene	mg/kg (ppm)	0.17	0.010	95	45-122
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.01	94	31-144
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	95	45-130
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	90	39-128
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	86	28-146
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	87	46-129

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.17	87	89	51-115	2
Chrysene	mg/kg (ppm)	0.17	94	97	55-129	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	88	90	56-123	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	100	102	54-131	2
Benzo(a)pyrene	mg/kg (ppm)	0.17	84	86	51-118	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	75	77	49-148	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	89	93	50-141	4

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

203161

Corporate Office
17522 Bothell Way Northeast
Bothell, WA 98011

The Riley Group, Inc.
Phone: 425.415.0551
Fax: 425.415.0311

Office Locations:
- *Bothell, WA - Corporate*
- *Tacoma, WA*
- *Kennewick, WA*

twelty@riley-group.com
www.riley-group.com

[redacted]

SAMPLE CHAIN OF CUSTODY

ME 03-12-12 E04/VS3

Page # 1 of 2

SAMPLERS (*signature*)

PROJECT NAME/NO.: 2012-088

PO#:

REMARKS:

TURNAROUND TIME
- ☒ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- ☒ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel w/ silica gel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	HCID	MTCA 5 metals	cPAHs				Notes
B1-10	01A-B	3/8/12	8:50	Soil	5				X			X	X	X				
B1-20	02		9:10		5				X			X	X	X				
B2-5	03		11:35		5	X	X		X				X	X				
B2-15	04		11:50		5				X			X	X	X				
B3-5	05		14:45		5	X												
B3-10	06		14:50		5				X			X	X	X				
B4-10	07		15:55		5				X			X	X	X				
B4-15	08		16:00		5													
B4-20	09		16:05		5													
B4-25	10	↓	16:15	↓	5													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	3/12/12	10:02
Received by:		James Bruya	F&B	3/12/12	1002
Relinquished by:					
Received by:			Samples received at 2 °C		

203161

SAMPLE CHAIN OF CUSTODY

ME 03-12-12 E04/V83

Send Report To _____

Company _____

Address _____

City, State, ZIP _____

Phone #_____ Fax #_____

SAMPLERS *(signature)* [signature]

PROJECT NAME/NO.: 2012 - 088

PO#:

REMARKS:

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH _____

Rush charges authorized by _____

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
B1 - GW	11	3/8/12	10:30	H_2O	7													

Friedman & Bruya, Inc.
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Seattle, WA 98119-2029
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Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Tamara Welty	RGI	3/12/12	10:02
Received by: [signature]	James Bruya	F&B	3/12/12	1002
Relinquished by:				
Received by:		Samples received at 2 °C		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
e-mail: fbi@isomedia.com

March 21, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on March 12, 2012 from the FedEx Redmond 2012-088, F&BI 203162 project. There are 18 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0321R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 12, 2012 by Friedman & Bruya, Inc. from the The Riley Group FedEx Redmond 2012-088, F&BI 203162 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
203162-01	B5-5'
203162-02	B5-20'
203162-03	B5-25'
203162-04	B6-5'
203162-05	B6-7.5'
203162-06	B6-20'
203162-07	B7-5'
203162-08	B7-10'
203162-09	B7-15'
203162-10	B8-10'
203162-11	B9-10'
203162-12	B10-7.5'
203162-13	B10-10'
203162-14	B10-15'

All quality control requirements were acceptable.

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162
Date Extracted: 03/16/12
Date Analyzed: 03/16/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
B5-5' 203162-01	<2	98
Method Blank 02-0446 MB	<2	99

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162
Date Extracted: 03/20/12
Date Analyzed: 03/20/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
B5-5' 203162-01	<50	<250	108
B6-7.5' 203162-05	<50	<250	100
B8-10' 203162-10	69 x	460	100
B9-10' 203162-11	75 x	880	99
B10-7.5' 203162-12	<50	380	102
B10-10' 203162-13	<50	<250	98
Method Blank 02-467 MB	<50	<250	97

Analysis For Total Metals By EPA Method 200.8

Client ID:	B5-5'	Client:	The Riley Group
Date Received:	03/12/12	Project:	FedEx Redmond 2012-088, F&BI 203162
Date Extracted:	03/16/12	Lab ID:	203162-01
Date Analyzed:	03/16/12	Data File:	203162-01.031
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	107	60	125
Indium	97	60	125
Holmium	104	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	12.9
Arsenic	2.42
Cadmium	<1
Lead	5.45

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	FedEx Redmond 2012-088, F&BI 203162
Date Extracted:	03/16/12	Lab ID:	I2-176 mb
Date Analyzed:	03/16/12	Data File:	I2-176 mb.014
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	104	60	125
Indium	104	60	125
Holmium	107	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162
Date Extracted: 03/16/12
Date Analyzed: 03/19/12

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Total Mercury
B5-5' 203162-01	<0.1
Method Blank	<0.1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B5-5'	Client:	The Riley Group
Date Received:	03/12/12	Project:	FedEx Redmond 2012-088, F&BI 203162
Date Extracted:	03/16/12	Lab ID:	203162-01
Date Analyzed:	03/17/12	Data File:	031635.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	50	150
Toluene-d8	100	50	150
4-Bromofluorobenzene	98	50	150

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5 jl	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	FedEx Redmond 2012-088, F&BI 203162
Date Extracted:	03/16/12	Lab ID:	02-0418 mb
Date Analyzed:	03/16/12	Data File:	031624.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	50	150
Toluene-d8	101	50	150
4-Bromofluorobenzene	101	50	150

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5 jl	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.5
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.25
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.25
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.25

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	B5-5'	Client:	The Riley Group
Date Received:	03/12/12	Project:	FedEx Redmond 2012-088, F&BI 203162
Date Extracted:	03/20/12	Lab ID:	203162-01 1/5
Date Analyzed:	03/21/12	Data File:	032019.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	107	50	150
Benzo(a)anthracene-d12	99	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	0.016
Pyrene	0.023
Benz(a)anthracene	0.014
Chrysene	0.024
Benzo(a)pyrene	0.021
Benzo(b)fluoranthene	0.023
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.014
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	0.018

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	FedEx Redmond 2012-088, F&BI 203162
Date Extracted:	03/20/12	Lab ID:	02-0458 mb2 1/5
Date Analyzed:	03/20/12	Data File:	032012.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	115	50	150
Benzo(a)anthracene-d12	78	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 203211-01 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	61-153

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 203162-01 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	160	95	96	64-133	1

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	58-147

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 203211-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	10.7	93 b	92 b	51-132	1 b
Arsenic	mg/kg (ppm)	10	2.06	94 b	96 b	44-151	2 b
Cadmium	mg/kg (ppm)	10	<1	101	100	83-120	1
Lead	mg/kg (ppm)	50	3.02	102	100	65-126	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	94	79-125
Arsenic	mg/kg (ppm)	10	92	80-120
Cadmium	mg/kg (ppm)	10	98	89-116
Lead	mg/kg (ppm)	50	97	81-120

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 203211-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: 203211-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.1	105	106	54-156	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	100	73-131

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR LATILES BY EPA METHOD 8260C

Laboratory Code: 203095-24 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	12	10-41
Chloromethane	mg/kg (ppm)	2.5	<0.5	34	10-79
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	32	10-82
Bromomethane	mg/kg (ppm)	2.5	<0.5	42	11-93
Chloroethane	mg/kg (ppm)	2.5	<0.5	47	16-79
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	40	20-79
Acetone	mg/kg (ppm)	12.5	<0.5	65	51-89
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	51	29-88
Methylene chloride	mg/kg (ppm)	2.5	<0.5	53	42-104
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	67	59-83
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	51	29-88
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	62	55-80
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	60	56-86
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	61-87
Chloroform	mg/kg (ppm)	2.5	<0.05	68	63-84
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	67	61-93
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	67	59-79
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	63	60-84
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	62	58-82
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	63	60-88
Benzene	mg/kg (ppm)	2.5	<0.03	62	59-83
Trichloroethene	mg/kg (ppm)	2.5	<0.03	67	63-85
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	69	66-86
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	73	67-104
Dibromomethane	mg/kg (ppm)	2.5	<0.05	70	65-86
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	72	65-94
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	74	69-110
Toluene	mg/kg (ppm)	2.5	<0.05	68	62-83
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	74	68-108
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	68-92
2-Hexanone	mg/kg (ppm)	12.5	<0.5	71	59-93
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	70	63-86
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	63	62-85
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	77	68-123
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	70	65-94
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	69	63-86
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	69	64-86
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	72	70-99
m,p-Xylene	mg/kg (ppm)	5	<0.1	69	65-87
o-Xylene	mg/kg (ppm)	2.5	<0.05	70	65-88
Styrene	mg/kg (ppm)	2.5	<0.05	72	67-93
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	70	66-89
Bromoform	mg/kg (ppm)	2.5	<0.05	77	72-159
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	69	66-88
Bromobenzene	mg/kg (ppm)	2.5	<0.05	69	64-91
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	70	67-90
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	70	67-96
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	71	62-90
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	70	63-86
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	69	64-87
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	72	66-91
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	71	67-91
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	70	67-91
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	70	68-91
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	70	64-88
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	69	63-87
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	70	65-91
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	71	65-123
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	70	66-91
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	68	67-90
Naphthalene	mg/kg (ppm)	2.5	<0.05	72	64-96
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	70	66-92

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR LATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	32	31	10-63	3
Chloromethane	mg/kg (ppm)	2.5	51	51	31-75	0
Vinyl chloride	mg/kg (ppm)	2.5	60	55	42-80	9
Bromomethane	mg/kg (ppm)	2.5	69	69	49-85	0
Chloroethane	mg/kg (ppm)	2.5	67	67	42-74	0
Trichlorofluoromethane	mg/kg (ppm)	2.5	68	67	54-80	1
Acetone	mg/kg (ppm)	12.5	75	76	60-96	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	72	73	64-85	1
Methylene chloride	mg/kg (ppm)	2.5	68 vo	68 vo	71-106	0
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	79	78	68-87	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	72	73	64-85	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	78	78	66-86	0
2,2-Dichloropropane	mg/kg (ppm)	2.5	79	81	63-95	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	78	80	75-93	3
Chloroform	mg/kg (ppm)	2.5	81	81	68-92	0
2-Butanone (MEK)	mg/kg (ppm)	12.5	79	79	72-96	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	78	79	60-89	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	80	81	69-92	1
1,1-Dichloropropene	mg/kg (ppm)	2.5	80	80	70-89	0
Carbon tetrachloride	mg/kg (ppm)	2.5	81	82	70-95	1
Benzene	mg/kg (ppm)	2.5	75	76	71-88	1
Trichloroethene	mg/kg (ppm)	2.5	81	81	74-90	0
1,2-Dichloropropane	mg/kg (ppm)	2.5	81	81	74-92	0
Bromodichloromethane	mg/kg (ppm)	2.5	85	85	77-103	0
Dibromomethane	mg/kg (ppm)	2.5	82	82	74-92	0
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	83	86	75-97	4
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	90	91	75-110	1
Toluene	mg/kg (ppm)	2.5	80	80	70-90	0
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	89	90	74-110	1
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	82	81	79-97	1
2-Hexanone	mg/kg (ppm)	12.5	82	82	55-103	0
1,3-Dichloropropane	mg/kg (ppm)	2.5	81	81	70-92	0
Tetrachloroethene	mg/kg (ppm)	2.5	78	77	72-91	1
Dibromochloromethane	mg/kg (ppm)	2.5	87	88	68-125	1
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	83	83	78-96	0
Chlorobenzene	mg/kg (ppm)	2.5	80	79	71-91	1
Ethylbenzene	mg/kg (ppm)	2.5	80	80	72-92	0
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	85	85	81-102	0
m,p-Xylene	mg/kg (ppm)	5	80	80	73-92	0
o-Xylene	mg/kg (ppm)	2.5	81	81	73-92	0
Styrene	mg/kg (ppm)	2.5	82	82	77-97	0
Isopropylbenzene	mg/kg (ppm)	2.5	82	82	74-95	0
Bromoform	mg/kg (ppm)	2.5	87	86	52-170	1
n-Propylbenzene	mg/kg (ppm)	2.5	82	81	74-95	1
Bromobenzene	mg/kg (ppm)	2.5	81	80	77-95	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	84	81	75-96	4
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	82	81	77-100	1
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	82	83	71-93	1
2-Chlorotoluene	mg/kg (ppm)	2.5	82	80	72-91	2
4-Chlorotoluene	mg/kg (ppm)	2.5	81	80	73-93	1
tert-Butylbenzene	mg/kg (ppm)	2.5	84	82	75-96	2
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	82	81	76-96	1
sec-Butylbenzene	mg/kg (ppm)	2.5	83	81	75-97	2
p-Isopropyltoluene	mg/kg (ppm)	2.5	84	82	76-99	2
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	81	80	74-93	1
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	81	80	73-92	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	81	79	77-96	2
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	80	76	67-122	5
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	83	82	77-99	1
Hexachlorobutadiene	mg/kg (ppm)	2.5	83	85	71-106	2
Naphthalene	mg/kg (ppm)	2.5	85	84	75-100	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	84	83	77-101	1

Date of Report: 03/21/12
Date Received: 03/12/12
Project: FedEx Redmond 2012-088, F&BI 203162

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: 203240-01 1/50 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Naphthalene	mg/kg (ppm)	<0.1	<0.1	nm
Acenaphthylene	mg/kg (ppm)	<0.1	<0.1	nm
Acenaphthene	mg/kg (ppm)	0.11	<0.1	nm
Fluorene	mg/kg (ppm)	<0.1	<0.1	nm
Phenanthrene	mg/kg (ppm)	0.33	0.15	75 a
Anthracene	mg/kg (ppm)	<0.1	<0.1	nm
Fluoranthene	mg/kg (ppm)	0.37	0.16	79 a
Pyrene	mg/kg (ppm)	0.34	0.15	78 a
Benz(a)anthracene	mg/kg (ppm)	0.14	<0.1	nm
Chrysene	mg/kg (ppm)	0.20	<0.1	nm
Benzo(b)fluoranthene	mg/kg (ppm)	0.20	0.10	67 a
Benzo(k)fluoranthene	mg/kg (ppm)	<0.1	<0.1	nm
Benzo(a)pyrene	mg/kg (ppm)	0.13	<0.1	nm
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.12	<0.1	nm
Dibenz(a,h)anthracene	mg/kg (ppm)	<0.1	<0.1	nm
Benzo(g,h,i)perylene	mg/kg (ppm)	0.13	<0.1	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	98	101	58-121	3
Acenaphthylene	mg/kg (ppm)	0.17	97	99	54-121	2
Acenaphthene	mg/kg (ppm)	0.17	99	101	54-123	2
Fluorene	mg/kg (ppm)	0.17	100	102	56-127	2
Phenanthrene	mg/kg (ppm)	0.17	97	99	55-122	2
Anthracene	mg/kg (ppm)	0.17	92	95	50-120	3
Fluoranthene	mg/kg (ppm)	0.17	98	103	54-129	5
Pyrene	mg/kg (ppm)	0.17	97	100	53-127	3
Benz(a)anthracene	mg/kg (ppm)	0.17	89	91	51-115	2
Chrysene	mg/kg (ppm)	0.17	96	98	55-129	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	97	95	56-123	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	94	102	54-131	8
Benzo(a)pyrene	mg/kg (ppm)	0.17	86	88	51-118	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	96	98	49-148	2
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	97	99	50-141	2
Benzo(g,h,i)perylene	mg/kg (ppm)	0.17	96	98	52-131	2

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

203162

SAMPLE CHAIN OF CUSTODY ME 03-12-12 E04/VS1

Send Report To Tamara Welty
Company Riley Group, Inc.
Address 17522 Bothell Way NE
City, State, ZIP Bothell, WA 98021
Phone # 425 415-0551 Fax #

SAMPLERS (signature) David Bair
PROJECT NAME/NO. FedEx Redmond
PO # 2012-088
REMARKS

Page # 1 of 2

TURNAROUND TIME
X Standard (2 Weeks)
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
X Dispose after 30 days
Return samples
Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/silica gel TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HCID	MTCA 5 metals	CPAHs				Notes
B5-5'	01A-E	3/9	7:20	soil	5	X	X		X				X	X				X analyze as marked per TW 3/14/12 MK ~~Hold~~
B5-20'	02		7:35															
B5-25'	03		7:45															
B6-5'	04		8:30															
B6-7.5'	05		8:35			X												
B6-20'	06		8:50															
B7-5'	07		9:40															
B7-10'	08		9:50															
B7-15'	09		9:55															
B8-10'	10		10:45			X												

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	3/12/12	10:02
Received by:		James Bruya	F&B	3/12/12	1002
Relinquished by:					
Received by:			Samples received at 2 °C		

205102

SAMPLE CHAIN OF CUSTODY ME 03-12-12 1004 / VS1

Page # 2 of 2

Send Report To Tamara Welty
Company Riley Group, Inc.
Address 17522 Bothell Way NE
City, State, ZIP Bothell, WA 98021
Phone # 425 415-0551 Fax #

SAMPLERS (signature) David Bair
PROJECT NAME/NO. FedEx Redmond
PO # 2012-088
REMARKS

TURNAROUND TIME
Standard (2 Weeks)
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Return samples
Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/ silica gel cleanup TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HCID	MTCA 5 Metals	cPAHs				Notes
B9-10'	11A-F 3/9		11:25	Soil	5	X												Hold
B10-T-5'	12		11:55			X												
B10-10'	13		12:05			X												
B10-15'	14		12:15															

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Tamara Welty	Tamara Welty	RGI	3/12/12	10:02
Received by:	James Bruya	F&BI	3/13/12	1003
Relinquished by:				
Received by:		Samples received at 2 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

April 18, 2012

Ms. Jill Marcotte
Scannell Development Company
800 East 96th Street, Suite 175
Indianapolis, Indiana 46240

RE: Revised Preliminary Phase II Subsurface Investigation Report
Proposed FedEx Union Hill
188th Avenue Northeast
Redmond, Washington 98052
RGI Project No. 2012-088

Dear Ms. Marcotte:

The Riley Group, Inc. (RGI) is pleased to present our Revised Preliminary Phase II Subsurface Investigation (Phase II) for the Proposed FedEx Union Hill property located on 188th Avenue Northeast, Redmond, King County, Washington (hereafter referred to as the Site, Figure 1).

This Revised Phase II report is meant to replace, in its entirety, RGI's initial Preliminary Phase II report dated April 4, 2012. This Revised Phase II report, including its findings, conclusions, and recommendations is based on additional laboratory results and understanding that the future and intended Site use and zoning meets the criteria to be designated as an Industrial Property.

The Site includes tax lots 5, 6, and 7 and the southern portion of tax lot 4 within tax parcel number 0725069129. The Site consists of an undeveloped, reclaimed gravel pit with four occupants, including: Waste Management, Schnitzer Steel Industries, Trepus Demolition, and Red-E Topsoil. The Site's layout is shown on Figure 2.

As requested by Scannell Development Company, this Phase II was performed in conjunction with a Phase I Environmental Site Assessment (ESA) and Geotechnical Engineering Report (both presented under separate cover).

PROJECT BACKGROUND

RGI recently completed a Phase I ESA, on behalf of Scannell Development Company, dated April 3, 2012 (RGI project number 2012-089). Based on its findings, the following recognized environmental conditions (RECs) were identified:

- **Fill from Unknown Sources:** Cadman Gravel Company mined the Site between approximately the early 1980s and 1990. Fill brought to the Site during reclamation came from a variety of sources. Fill from unknown sources was considered a potential REC.
- **Apparent Petroleum Sheen in a Ditch:** Petroleum sheen was observed in a vegetated drainage ditch in the central portion of the Site, which is in the vicinity of Trepus Demolition's drum storage area. The source of the sheen was unknown, but was possibly related to stormwater runoff from Trepus Demolition. The petroleum sheen was considered a potential REC.

Western Washington, Corporate Office
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone 425.415.0551 • Fax 425.415.0311

Eastern Washington and Oregon Office
1838 South Washington Street
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Phone 509.586.4840 • Fax 509. 586.4863

www.riley-group.com

- **White Sheen/Residue:** An unknown white sheen/residue was observed on pooled water behind debris containers associated with Schnitzer Steel Industries near the eastern boundary of the Site. The substance was unknown and appeared to be associated with the nearby debris containers. The unknown white sheen/residue was considered a potential REC.

RGI recommended that this Phase II be conducted to further evaluate potential impacts to the soil and shallow groundwater quality from the above-mentioned RECs.

At Scannell Development Company's request, RGI has performed this Phase II to evaluate the above-mentioned RECs for the Site.

SCOPE OF WORK

The scope of work for this project was performed in accordance with our proposal (as requested by Scannell Development Company), dated February 7, 2012, and as subsequently authorized by Scannell Development Company and/or Taylor Development..

SUBSURFACE INVESTIGATION AND SAMPLING

Project Set-up: Public Utility Locate

At least 48 hours prior to commencing our subsurface investigation, RGI contacted One-Call to locate known public underground utilities near, or on, the Site. Public underground utilities located included electric, natural gas, telecommunications, water, sewer, and cable.

Subsurface Investigation

On March 6, 2012, a total of 12 test pits (TP1 through TP10, Geo-TP10, and Geo-TP11) were advanced to depths of approximately two feet below ground surface (bgs), with the exception of three test pits. Test pit TP1 was advanced to approximately nine feet bgs. Geotechnical test pit Geo-TP10 was advanced to approximately 16 feet bgs. Geotechnical test pit Geo-TP11 was advanced to approximately eight feet bgs.

Test pits TP1 through TP6 were located in the vicinity of Trepus Demolition. Test pits TP7 through TP10 were located in the vicinity of Schnitzer Steel Industries. Test pits Geo-TP10 and Geo-TP11 were located in the central portion of the Site.

On March 8, 2012, a total of four borings (B1 through B4) were advanced to depths ranging from approximately 32 to 52 feet bgs. Borings B1 and B2 were advanced to approximately 51 to 52 feet bgs. Borings B3 and B4 were advanced to approximately 32 feet bgs. Borings B1 through B4 were located in the northern central portion of the Site.

On March 9, 2012, a total of six borings (B5 through B10) were advanced to depths ranging from approximately 16 to 32 feet bgs. Borings B5 and B6 were advanced to approximately 32 feet bgs. Borings B7 through B10 were advanced to approximately 16 to 17 feet bgs.

Boring B5 was located in the vicinity of Schnitzer Steel Industries. Borings B6, B7, B8, and B10 were located in the central portion of the Site near test pits Geo-TP10 and Geo-TP11. Boring B9 was located near the drainage ditch noted to have petroleum sheen.

Test pit and boring locations are shown on Figure 2. Test pits were advanced using an excavator owned and operated by Northwest Excavating, under subcontract to RGI. Borings were advanced using a trailer-mounted hollow stem auger drill rig owned and operated by Boretec, under subcontract to RGI.

Subsurface Conditions

Soil conditions encountered were described using the Unified Soil Classification System (USCS). Shallow subsurface soils encountered during drilling generally consisted of brown to gray, moist to wet, loose to very dense, silty sand and sandy silt with some gravel. An isolated occurrence of shallow groundwater was encountered in only one boring location (B1) at a depth of approximately 41 feet bgs. Groundwater was not encountered during drilling in the other two deep borings, which reached depths of approximately 51 feet to 52 feet bgs.

Soil Sampling

Discrete soil samples were collected at approximately 5-foot intervals at each test pit and boring location (unless there was too little recovery to sample), inspected, and field screened for the presence of volatile organic compounds (VOCs) using a portable gas photoionization detector (PID) and/or water sheen test. No elevated PID readings were noted at any of the test pit or boring locations.

Odors, sheens, discolorations, or other evidence of contamination were not observed in any locations, with the exception of petroleum odor in geotechnical test pits Geo-TP10 and Geo-TP11. Petroleum odor was noted between approximately nine and 10 feet bgs in geotechnical test pit Geo-TP10 and between approximately seven and eight feet bgs in geotechnical test pit Geo-TP11.

Groundwater Grab Sampling

A groundwater grab sample was collected from boring B1 at a depth of approximately 41 feet bgs. The groundwater sample was collected through a one-inch-diameter temporary well screen down the hole using a peristaltic pump and disposable plastic tubing under low-flow conditions.

Due to reasons mentioned below, the groundwater grab sample collected from soil boring B1 was not selected for laboratory analysis.

Note: Groundwater grab samples may not be representative of groundwater conditions or quality (due to the increased sample turbidity associated with the sampling method). To obtain samples that are definitively representative of groundwater would require the installation, development, and sampling of groundwater monitoring wells, which is not the objective of this study. The objective of this study was to determine whether, and in relative terms, groundwater has been adversely affected by the potential contaminants of concern. Groundwater grab sampling will satisfy this project objective as well as provide useful information regarding potential groundwater monitoring well locations, should they be required.

Sampling Protocols

All samples were collected in accordance with our standard operating and decontamination procedures. Samples were placed in preconditioned, sterilized containers provided by an Ecology-accredited analytical laboratory. Soil samples collected for analysis of VOCs were collected using the Ecology-required 5035 sampling method. The samples were placed in a chilled cooler throughout the field program, with all subsequent transportation and transfer accomplished in strict accordance with RGI's chain of custody procedures. Analytical test certificates, including quality control, data, and chain of custody documentation for all samples submitted to the analytical testing laboratory by RGI as part of this Phase II are included in Appendix A.

REGULATORY FRAMEWORK

Washington's chemical release cleanup law, the Model Toxics Control Act (MTCA, RCW 70.105D), mandates that site cleanups protect human health and the environment. The MTCA Cleanup Regulation (WAC173-340) defines the approach for establishing cleanup requirements for individual sites, including the establishment of cleanup standards and selection of cleanup actions.

MTCA regulation provides three options for establishing generic and site-specific cleanup levels for soil and groundwater. MTCA Method A cleanup levels have been adopted for specific purposes and are intended to provide conservative cleanup levels for sites undergoing routine site characterization or cleanup actions for those sites with relatively few hazardous substances. MTCA Method B and C cleanup levels are set using a site risk assessment, which focus on the use of "reasonable maximum exposure" assumptions based on site-specific characteristics and toxicity of the contaminants of concern (COCs).

For purposes of comparison, analytical laboratory data soil samples collected for this project were compared to the MTCA Method A Soil Cleanup Levels for Industrial Properties. Our understanding of the proposed FedEx Union Hill redevelopment project is as follows:

- The Site is zoned industrial and the proposed and future use of the Site is for a FedEx transportation and warehouse storage and distribution facility.
- The Site will be secured with a chain link fence (with razor wire).
- General public access to the Site will be restricted.
- The Site will be essentially covered with an impervious surface (building, pavement, and vehicle storage areas).

The MTCA Method A Soil Cleanup Levels for Industrial Property are summarized in the attached Table 1. The MTCA Method B Cleanup Levels are used if any detected COCs have not been assigned a MTCA Method A Cleanup Level.

ANALYTICAL LABORATORY ANALYSIS

Soil and groundwater grab samples were submitted to Friedman & Bruya, Inc., an Ecology-accredited, third-party analytical laboratory for the requested analyses.

A total of 38 soil samples were selected for laboratory analysis. The samples were analyzed for one or more of the following COCs:

- Total petroleum hydrocarbons (TPH) identification using Ecology test method NWTPH-HCID.
- Diesel- and oil-range TPH using Ecology Test Method TPH-Dx with silica gel cleanup (to remove any naturally occurring biogenic material).
- Gasoline-range TPH using Ecology Test Method TPH-Gx.
- Volatile organic compounds (VOCs) using EPA Test Method 8260B.
- Carcinogenic polycyclic aromatic hydrocarbons (cPAHs) using EPA Test Method 8270D SIM.
- MTCA metals including lead, arsenic, cadmium, chromium, and mercury by EPA Test Method 200.8 and 1631E.

ANALYTICAL RESULTS

Analytical results and the respective MTCA Method A Cleanup Levels for Industrial Property are summarized in the attached Table 1 and are discussed below. MTCA Method B Cleanup Levels are used if any detected COCs have not been assigned a MTCA Method A Cleanup Level. Test pit and boring locations are shown on Figure 2.

Thirty three of the 38 analyzed soil samples were found to have concentrations of the COCs either below the laboratory method detection limits (nondetectable) or below the applicable MTCA Method A Cleanup Levels for Industrial Property. The analytical results are summarized below, organized by the particular contaminant of concern and their occurrence on the Site.

Diesel-Range TPH: Detections of diesel-range TPH ranged from 69 to 450 milligrams per kilogram (mg/kg), which are below the MTCA Method A Cleanup Level for Industrial Property of 2,000 mg/kg.

Oil-Range TPH: Twenty one out of 23 soil samples selected for oil-range TPH laboratory analysis had concentrations below the MTCA Method A Cleanup Level for Industrial Property (2,000 mg/kg). Two soil samples selected from test pit TP-7 at depths of near surface and one-foot bgs ranged from 2,200 mg/kg to 3,100 mg/kg, respectively. Test pit TP7 was located on the eastern boundary of the Site in the vicinity of Schnitzer Steel Industries storage area.

cPAHs: Twenty-five of the 34 soil samples selected for cPAH laboratory analysis had detectable cPAH concentrations ranging from 0.013 mg/kg to 2.887 mg/kg. However, only one of these soil samples, collected from boring B7 (at a depth of 5 feet), had a concentrations of cPAHs (2.887 mg/kg) above the MTCA Method A Cleanup Level for Industrial Property (2.0 mg/kg).

Total Arsenic: Detections of total arsenic ranged from 2.42 mg/kg to 4.81 mg/kg, which are below the MTCA Method A Cleanup Level for Industrial Property of 20 mg/kg.

Total Lead: Detections of total lead ranged from 5.28 mg/kg to 21.1 mg/kg, which are below the MTCA Method A Cleanup Level for Industrial Property of 250 mg/kg.

Total Chromium: Total chromium concentrations ranged from 12.9 mg/kg to 23.4 mg/kg, which are below the MTCA Method A Cleanup Level for Industrial Property (2,000 mg/kg chromium III. The MTCA Method A Cleanup Level is 2,000 mg/kg for chromium III and 19 mg/kg for chromium VI. Analytical results for chromium are for total chromium (the sum of chromium III and chromium VI). Most chromium detections are for chromium III, therefore, the cleanup level of 2,000 mg/kg was used for comparison purposes.

CONCLUSIONS AND RECOMMENDATIONS

Based on our Revised Preliminary Phase II findings, RGI concludes the following:

- Soil samples analyzed from the vicinity of the petroleum sheen in the drainage ditch near the Trepus Demolition area were found to have nondetectable concentrations of the COCs.
- Surface soil sample TP7-0 analyzed from the vicinity of the white sheen/residue near the Schnitzer Steel Industries area was found to have concentrations of COCs below the applicable MTCA Method A Cleanup Levels, with the exception of oil-range TPH. The oil-range TPH concentration was identified at 2,200 mg/kg, which exceeds the MTCA Method A Cleanup Level of 2,000 mg/kg. The surficial petroleum contaminated soil (PCS) appears to represent an isolated area.
- Soil samples analyzed throughout the Site to evaluate the quality of the fill were found to have either nondetectable concentrations of the COCs or concentrations below the applicable MTCA Method A Cleanup Levels, with the exception of one soil sample. Soil sample B7-5 was found to have a concentration of 2.887 mg/kg of cPAHs, which exceeds the MTCA Method A Cleanup Level of 2.0 mg/kg (For Industrial Property). Based on the relatively large number of soil samples selected for cPAH analysis (34 samples), this one sample exceedance is considered an isolated occurrence.
- Apparent petroleum odor was noted in geotechnical test pits Geo-TP10 and Geo-TP11. However, soil sample Geo-TP10-10 and other soil samples analyzed from the vicinity were

found to have either nondetectable concentrations of the COCs or concentrations below the applicable MTCA Method A Cleanup Levels.

Under MTCA (WAC 173-340-300), "any owner or operator who has information that a hazardous substance has been released to the environment at the owner's or operator's facility and may be a threat to human health and the environment shall report such information to the department within 90 days of discovery."

However, based on our findings to-date, a release report to Ecology is not warranted at this time.

PROJECT LIMITATIONS

This report is the property of RGI, FedEx Ground Package System, Inc., Scannell Development Company, Scannell Development Company's lender, and Taylor Development and their authorized representatives or affiliates and was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions. This report is intended for specific application to the property located on 188th Avenue Northeast, Redmond, Washington. No other warranty, expressed or implied, is made.

The analyses and recommendations presented in this report are based upon data obtained from our review of available information at the time of preparing this report, our test pits excavated or test borings drilled on the Site, or other noted data sources. Conditional changes may occur through time by natural or human-made process on this or adjacent properties. Additional changes may occur in legislative standards, which may or may not be applicable to this report. These changes, beyond RGI's control, may render this report invalid, partially or wholly. If variations appear evident, RGI should be requested to reevaluate the recommendations in this report.

We trust that this report meets your current project needs. Please contact the undersigned at (425) 415-0551 should you have any questions or need additional information.

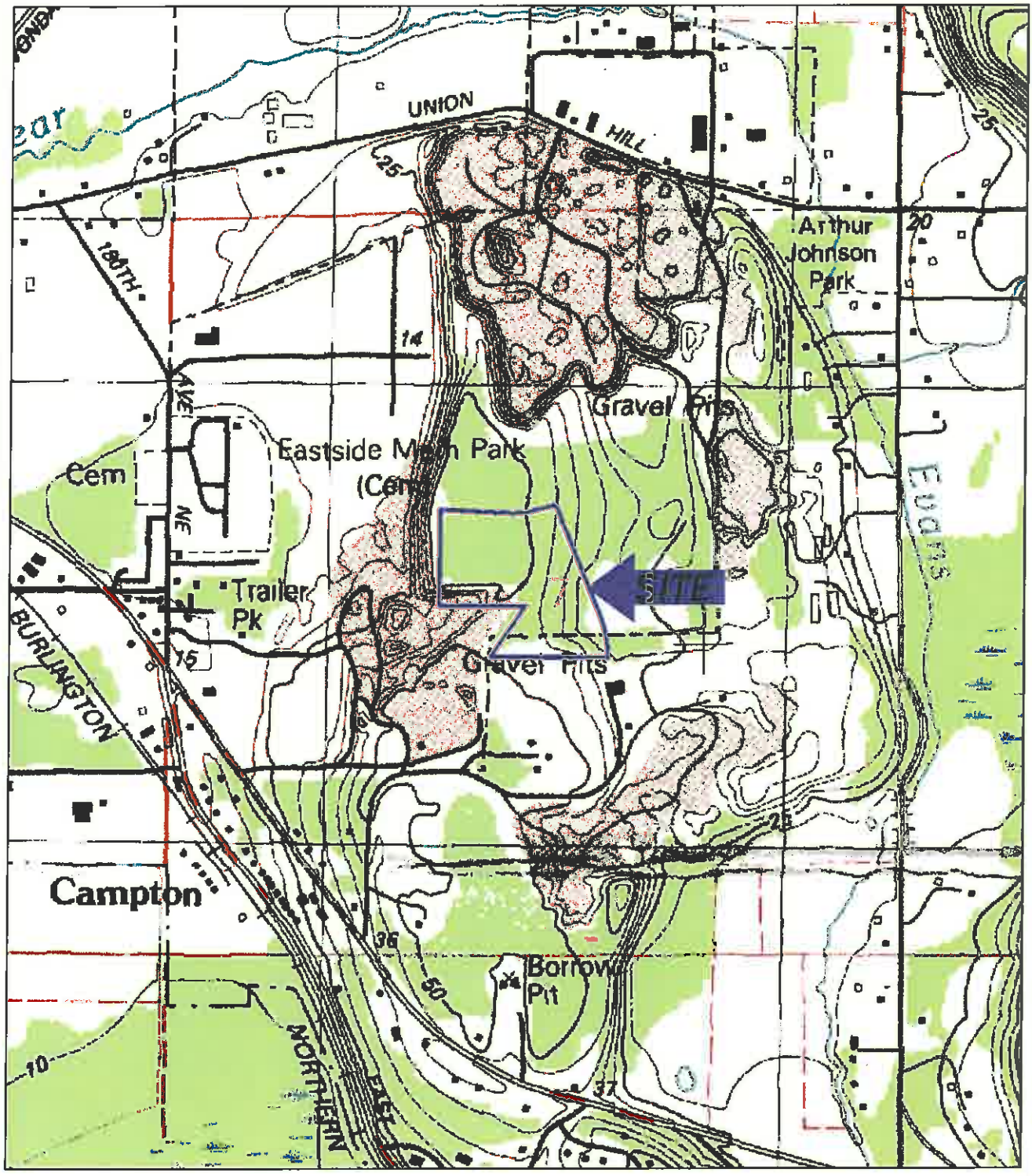
Sincerely,
THE RILEY GROUP, INC.

Tamara Welty, GT
Staff Geologist

Paul Riley, LG, LHG
Principal/Senior Reviewer

Report Distribution: Ms. Jill Marcotte, Scannell Development Company (one bound copy and PDF)
Mr. Paul Taylor, Taylor Union Hill, LLC (one bound copy and PDF)
Mr. Ken Lederman, Foster Pepper PLLC (one bound copy and PDF)

Attachments:
Figure 1 Site Vicinity Map
Figure 2 Site Plan with Test Pit and Boring Locations
Table 1 Summary of Soil Sample Analytical Laboratory Results
Table 2 Toxicity Equivalency for cPAH
Appendix A Analytical Laboratory Results



USGS, 1982, Bellevue North, Washington
7.5-Minute Quadrangle

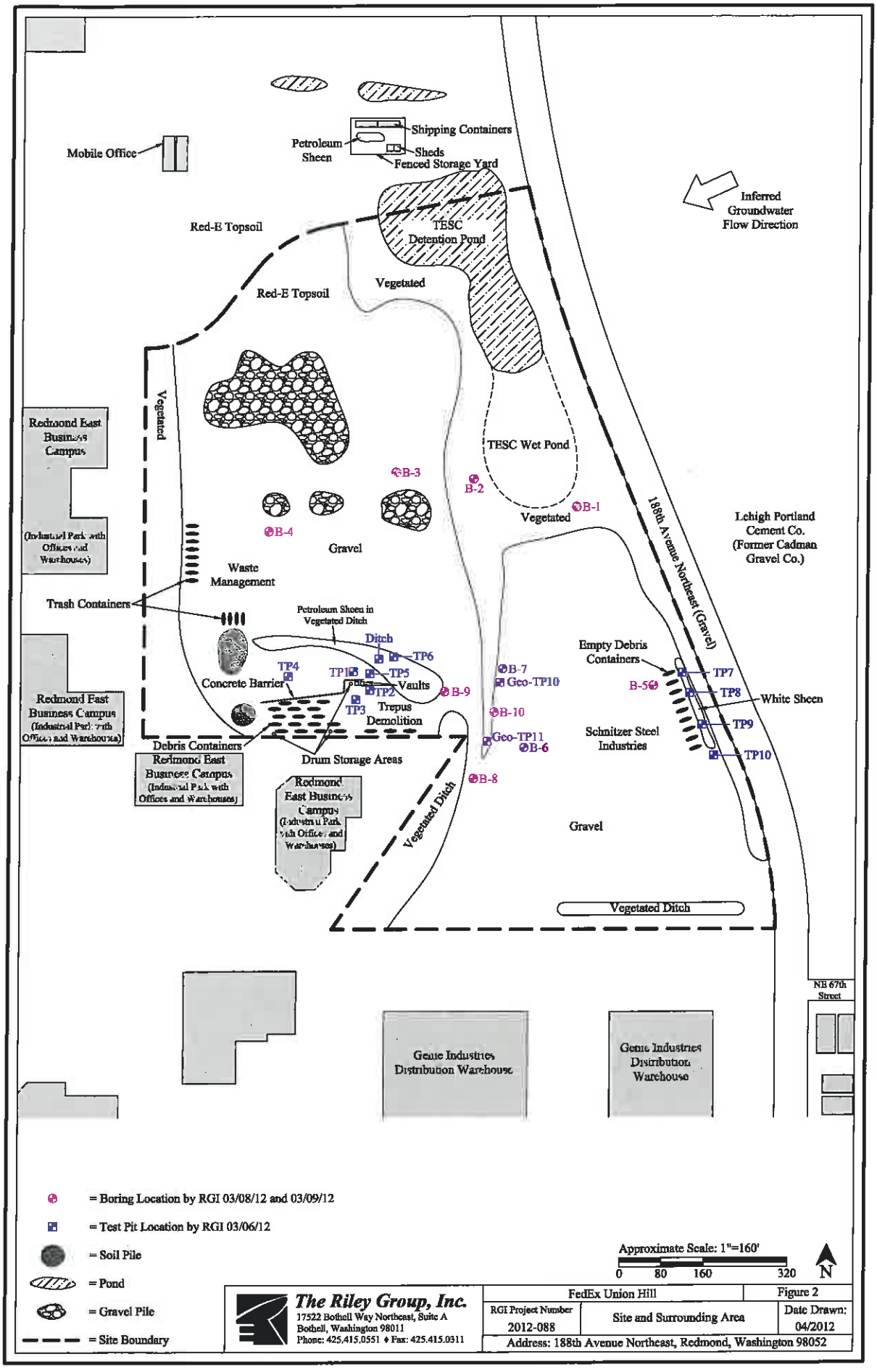
Approximate Scale: 1"=1000'

0 500 1000 2000

N

The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure 1
RGI Project Number 2012-088	Site Vicinity Map	Date Drawn: 03/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		



The Riley Group, Inc.
17522 Bothell Way Northeast, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 ♦ Fax: 425.415.0311

FedEx Union Hill		Figure 2
RGI Project Number 2012-088	Site and Surrounding Area	Date Drawn: 04/2012
Address: 188th Avenue Northeast, Redmond, Washington 98052		

Table 1. Summary of Soil Sample Analytical Laboratory Results
FedEx Union Hill
18818th Avenue Northeast, Redmond, Washington 98052
The Riley Group, Inc. Project Nos. 2012-088 and 2012-088A

Sample Number	Sample Depth	Sample Date	PID	Gas TPH	BTEX				Diesel TPH	Oil TPH	HCID			VOCs	cPAHs	Total MTCA 5 Metals				
					B	T	E	X			Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
TP1-1	1	03/06/12	0.0	---	ND<0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND 250	---	---	---	ND	0.526	---	---	---	---	---
TP1-2	2	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	ND 0.01	---	---	---	---	---
TP1-9	9	03/06/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND<250	---	---	---	ND	ND 0.01	---	---	---	---	---
TP2-1	1	03/06/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND 250	---	---	---	ND	0.031	---	---	---	---	---
TP2-2	2	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	ND 0.01	---	---	---	---	---
TP3-1	1	03/06/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND 250	---	---	---	ND	0.040	---	---	---	---	---
TP3-2	2	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	ND 0.01	---	---	---	---	---
TP4-1	1	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	0.046	---	---	---	---	---
TP4-2	2	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	ND 0.01	---	---	---	---	---
TP5-1	1	03/06/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND 250	---	---	---	ND	0.017	---	---	---	---	---
TP5-2	2	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	ND 0.01	---	---	---	---	---
TP6-1	1	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	0.040	---	---	---	---	---
TP6-2	2	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	0.356	---	---	---	---	---
TP7-0	0	03/06/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	300 x	2,200	ND 20	ND 50	D 250	ND	0.096	3.60	ND 1	15.6	19.1	ND 0.1
TP7-1	1	03/06/12	0.0	---	---	---	---	---	450 x	1,100	---	---	---	---	0.191	---	---	---	---	---
TP7-2	2	03/06/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	0.064	---	---	---	---	---
TP8-1	1	03/06/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	0.055	---	---	---	---	---
TP8-2	2	03/06/12	0.0	---	---	---	---	---	ND 50	ND<250	---	---	---	---	0.021	---	---	---	---	---
TP9-1	1	03/06/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	0.042 J	---	---	---	---	---
TP9-2	2	03/06/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	0.130	---	---	---	---	---
TP10-1	1	03/06/12	0.0	---	---	---	---	---	100 x	850	---	---	---	---	0.094 J	---	---	---	---	---
TP10-2	2	03/06/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	0.015	---	---	---	---	---
Ditch	7	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Geo-TP10-10	10	03/06/12	0.0	ND 2	ND<0.03	ND 0.05	ND 0.05	ND 0.1	76 x	ND 250	---	---	---	ND	0.026	3.14	ND 1	15.9	14.7	ND 0.1
B1-10	10	03/08/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	---	---	ND 20	ND 50	ND 250	ND	ND<0.01	4.26	ND 1	21.0	7.07	ND 0.1
B1-20	20	03/08/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	---	---	ND 20	ND 50	ND 250	ND	ND 0.02	3.25	ND 1	18.4	7.13	ND 0.1
B2-5	5	03/08/12	0.0	ND 2	ND 0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND 250	---	---	---	ND	0.032	4.47	ND 1	15.2	5.96	ND 0.1
B2-15	15	03/08/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND 0.1	---	---	ND 20	ND 50	ND 250	ND	ND 0.01	3.98	ND 1	23.4	5.28	ND 0.1
B3-5	5	03/08/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	0.020	---	---	---	---	---
B3-10	10	03/06/12	0.0	---	ND 0.03	ND 0.05	ND 0.05	ND<0.1	---	---	ND 20	ND 50	ND 250	ND	0.023	4.81	ND<1	19.3	21.1	ND 0.1
B4-10	10	03/08/12	0.0	---	ND 0.03	ND 0.05	ND<0.05	0.067	---	---	ND<20	ND 50	ND 250	n-Propylbenzene = 0.058 1,3,5-Trimethylbenzene = 0.069 1,2,4-Trimethylbenzene = 0.21 il	0.130	3.33	ND 1	20.3	8.91	ND 0.1
B4-15	15	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	0.018	---	---	---	---	---
B4-20	20	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B4-25	25	03/06/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B5-5'	5	03/09/12	0.0	ND 2	ND 0.03	ND 0.05	ND 0.05	ND 0.1	ND 50	ND 250	---	---	---	ND	0.027	2.42	ND 1	12.9	5.45	ND 0.1
B5-20'	20	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B5-25'	25	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B6-5'	5	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B6-7.5'	7.5	03/09/12	0.0	---	---	---	---	---	ND 50	ND 250	---	---	---	---	---	---	---	---	---	---
B6-20'	20	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B7-5'	5	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	2.887	---	---	---	---	---
B7-10'	10	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B7-15'	15	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B8-10'	10	03/09/12	0.0	---	---	---	---	---	69 x	460	---	---	---	---	---	---	---	---	---	---
B9-10'	10	03/09/12	0.0	---	---	---	---	---	75 x	580	---	---	---	---	---	---	---	---	---	---
B10-7.5'	7.5	03/09/12	0.0	---	---	---	---	---	ND 50	380	---	---	---	---	0.038	---	---	---	---	---
B10-10'	10	03/09/12	0.0	---	---	---	---	---	ND 50	ND<250	---	---	---	---	---	---	---	---	---	---
B10-15'	15	03/09/12	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTCA Method A Soil Cleanup Levels For Industrial Properties				**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**	**100/30[1]**	**2,000**	**2,000**	**n-Propylbenzene = 8,000[2] 1,3,5-Trimethylbenzene = 800[2] 1,2,4-Trimethylbenzene = n/a**	**Tox Eq = 2.0**	**20**	**2**	**2,000**	**1,000**	**2**

Sample Depth = Soil sample depth interval in feet below ground surface (bgs).
PID = Photoionization Detector.
TPH = total petroleum hydrocarbons.
Gasoline TPH determined using Ecology Test Method NWTPH G.
BTEX (benzene, toluene, ethylbenzene, and xylenes) and VOCs (Volatile Organic Compounds) determined using EPA Test Method 8260C.
Diesel and Oil TPH determined using Ecology Test Method NWTPH D with silica gel cleanup.
Gasoline, Diesel, and Oil HCID (Hydrocarbon Identification) determined using Ecology Test Method NW TPH-HCID.
cPAHs (carcinogenic Polynuclear Aromatic Hydrocarbons) determined using EPA Test Method 8270D SIM.
MTCA 5 Metals (As = Arsenic, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Mercury) determined using EPA Method 200.8 and 1631E.
ND = Not Detected at noted analytical detection limit.
--- = Not analyzed or not applicable.
Tox Eq = Toxicity Equivalency per WAC 173-340-708(8)
[1] The higher cleanup level is allowed if no benzene is detected in the sample and the total of toluene, ethylbenzene and xylenes is less than 1% of the gasoline mixture.
[2] Method A Cleanup Level was not available. Therefore, the MTCA Method B Cleanup Level is referenced.
il = The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
J = The internal standard associated with one or more of these analytes is out of control limits. The reported concentration(s) is an estimate.
MTCA Cleanup Level, Ecology Model Toxics Control Act Method A Soil Cleanup Levels for Industrial Properties (WAC 173-340-900, Table 745-1).
Bold and yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Soil Cleanup Levels For Industrial Properties.

Table 2 - Toxicity Equivalency for cPAH
FedEx Union Hill
188th Avenue Northeast, Redmond, Washington 98052
The Riley Group, Inc. Project #2012-088

TP7-0 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.0025	0.00025
Chrysene	0.01	0.2	0.002
Benzo(a)pyrene	1	0.077	0.077
benzo(b)fluoranthene	0.1	0.11	0.011
benzo(k)fluroanthene	0.1	0.0025	0.00025
Indeno(1,2,3-cd) pyrene	0.1	0.054	0.0054
Dibenz(a,h) anthracene	0.1	0.0025	0.00025
SUM			0.09615

Geo-TP10-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.02	0.002
Chrysene	0.01	0.031	0.00031
Benzo(a)pyrene	1	0.019	0.019
benzo(b)fluoranthene	0.1	0.021	0.0021
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.012	0.0012
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02561

B2-5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.019	0.0019
Chrysene	0.01	0.022	0.00022
Benzo(a)pyrene	1	0.024	0.024
benzo(b)fluoranthene	0.1	0.029	0.0029
benzo(k)fluroanthene	0.1	0.011	0.0011
Indeno(1,2,3-cd) pyrene	0.1	0.018	0.0018
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.03242

B3-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.013	0.0013
Chrysene	0.01	0.016	0.00016
Benzo(a)pyrene	1	0.017	0.017
benzo(b)fluoranthene	0.1	0.02	0.002
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.014	0.0014
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02286

Method A Cleanup Level	**0.1**

Table 2 continued - Toxicity Equivalency for cPAH

FedEx Union Hill

188th Avenue Northeast, Redmond, Washington 98052

The Riley Group, Inc. Project #2012-088

B4-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.05	0.005
Chrysene	0.01	0.05	0.0005
Benzo(a)pyrene	1	0.1	0.1
benzo(b)fluoranthene	0.1	0.1	0.01
benzo(k)fluroanthene	0.1	0.05	0.005
Indeno(1,2,3-cd) pyrene	0.1	0.05	0.005
Dibenz(a,h) anthracene	0.1	0.05	0.005
SUM			**0.1305**

B5-5' cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.014	0.0014
Chrysene	0.01	0.024	0.00024
Benzo(a)pyrene	1	0.021	0.021
benzo(b)fluoranthene	0.1	0.023	0.0023
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.014	0.0014
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02734

Method A Cleanup Level	**0.1**

APPENDIX B
CITY OF REDMOND MAPS

Wellhead Protection Zones FedEx Ground

City of Redmond, Washington

02/08/2012

0 160 320 640 960 1,280 Feet



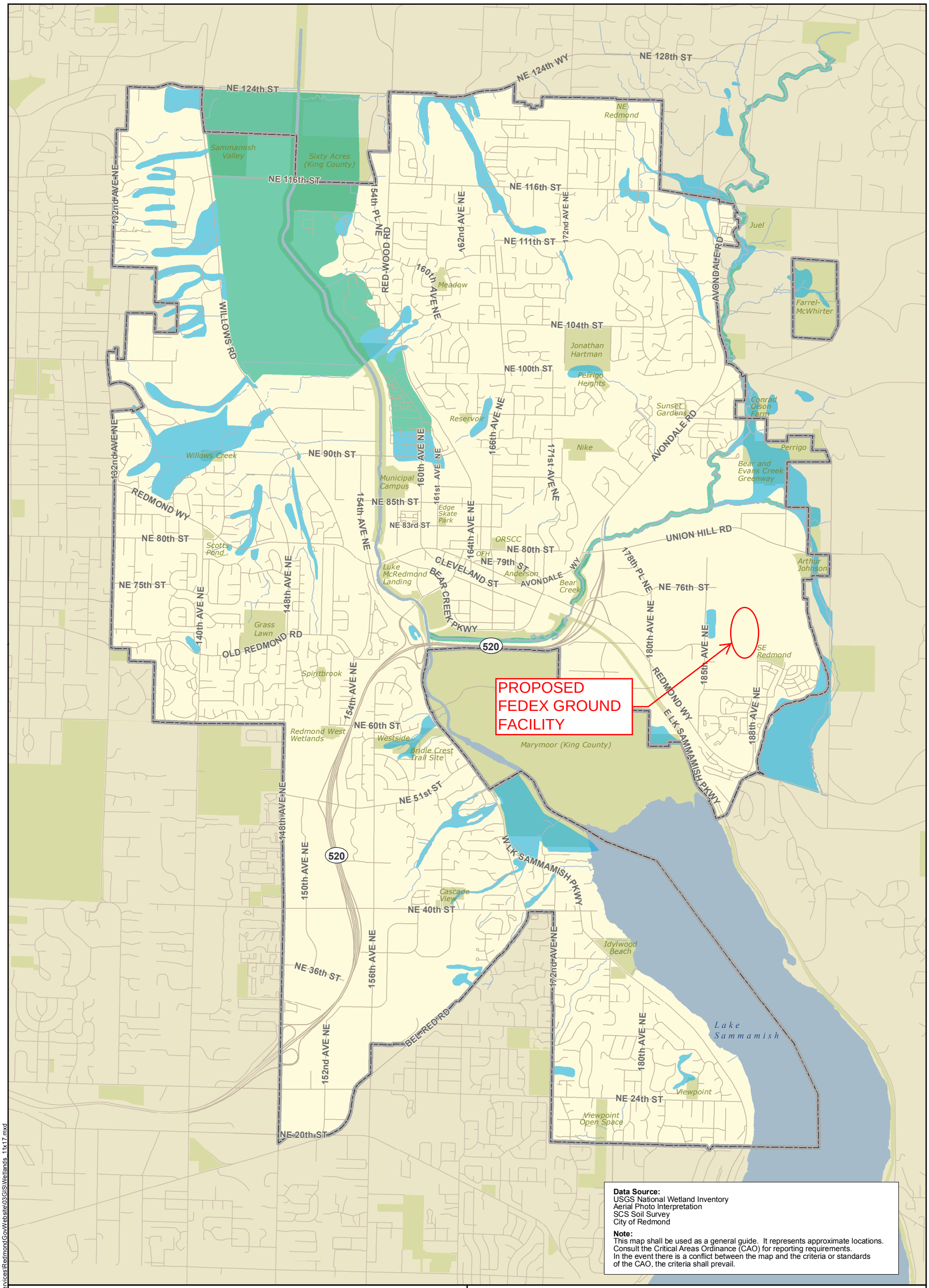
Legend

WellheadProtectionZone

Parcel

Disclaimer:
This map is created and maintained by the
DIVISION, DEPARTMENT, of the
City of Redmond, Washington,
for reference purposes only. The City makes no guarantee
as to the accuracy or completeness of the features shown
on this map.

G:\GIS\Resource\Templates\Layout\LayoutTemplate_DSizeLandscape.mxt



Data Source:
USGS National Wetland Inventory
Aerial Photo Interpretation
SCS Soil Survey
City of Redmond

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
In the event there is a conflict between the map and the criteria or standards of the CAO, the criteria shall prevail.

Wetlands

Critical Areas Map

City of Redmond, Washington

Effective: 05/28/2005

0 0.5 1
Miles

N

CityofRedmond
WASHINGTON

- Mixed Wetland/Upland
- Wetland
- City Limit
- Park and Open Space
- Water

Disclaimer: This map is created and maintained by GIS Services Group,Finance and Information Services, City of Redmond, Washington, for reference purposes only.

The City makes no guarantee as to the accuracy of the features shown on this map.

File Name:\\redmond.man\fs\GISUser\GIS\GISServicesProject\GISServices\RedmondGovWebsite\03GIS\Wetlands_11x17.mxd

Streams Classification

Critical Areas Map

City of Redmond, Washington

Effective: 03/14/2009

0 0.5 1

Miles

N

CityofRedmond
WASHINGTON

PROPOSED FEDEX GROUND FACILITY

Data Source:
City of Redmond Public Works, Natural Resources Division
City of Redmond GIS Services
Washington Trout/Wild Fish Conservancy

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
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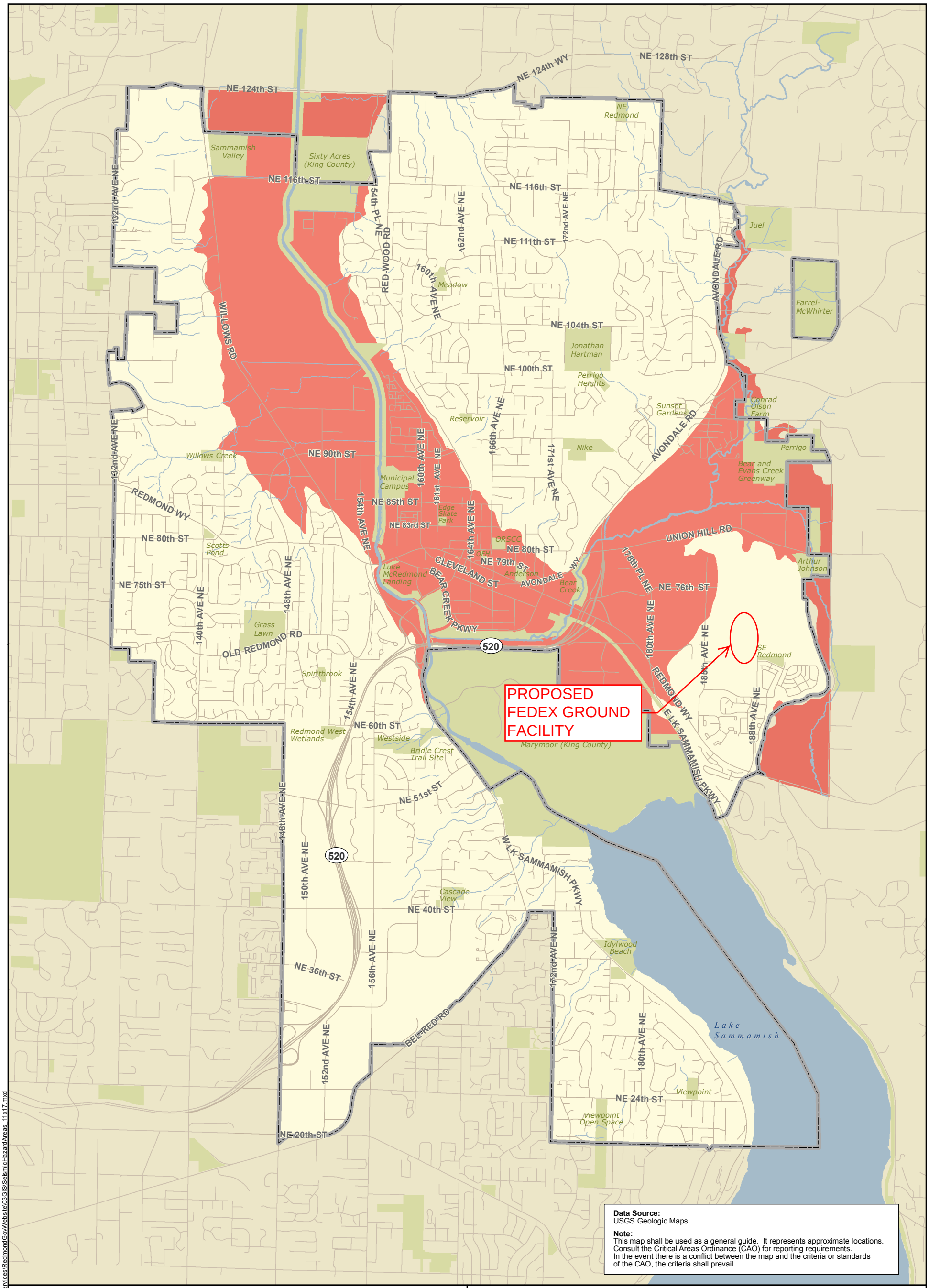
Gaps in illustrated streams may indicate culverts, pipes, ponds, etc.

- Class I Stream
- Class II Stream
- Class III Stream
- Class IV Stream
- City Limit
- Park and Open Space
- Water

Disclaimer: This map is created and maintained by GIS Services Group,Finance and Information Services, City of Redmond, Washington, for reference purposes only.

The City makes no guarantee as to the accuracy of the features shown on this map.

File Name:\\redmond.man\fs\GISUser\GIS\GISServicesProject\GISServices\RedmondGovWebsite\03GIS\StreamClassification_11x17.mxd



Data Source:
USGS Geologic Maps

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
In the event there is a conflict between the map and the criteria or standards of the CAO, the criteria shall prevail.

Seismic Hazard Areas

Critical Areas Map

City of Redmond, Washington

Effective: 05/28/2005

0 0.5 1
Miles

N

CityofRedmond
WASHINGTON

Seismic Hazard Area
City Limit
Park and Open Space
Water

Disclaimer: This map is created and maintained by GIS Services Group,Finance and Information Services, City of Redmond, Washington, for reference purposes only.

The City makes no guarantee as to the accuracy of the features shown on this map.

File Name:\\redmond.man\fs\GISUser\GIS\GISServicesProject\GISServices\RedmondGovWebsite\03GIS\SeismicHazardAreas_11x17.mxd

PROPOSED
FEDEX GROUND
FACILITY

Data Source:
USGS Topographic Maps
USGS Geologic Maps

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
In the event there is a conflict between the map and the criteria or standards
of the CAO, the criteria shall prevail.

Landslide Hazard Areas

Critical Areas Map

City of Redmond, Washington

Effective: 05/28/2005

0 0.5 1
Miles

N

CityofRedmond
WASHINGTON

- Contour
- Landslide Hazard Area
- City Limit
- Park and Open Space
- Water

Disclaimer: This map is created and maintained by GIS Services Group,Finance and Information Services, City of Redmond, Washington, for reference purposes only.

The City makes no guarantee as to the accuracy of the features shown on this map.

File Name:File Name:\\redmond.main\fs\GIS\User\GIS\GISServicesProject\GISServices\RedmondGovWebsite\0GIS\LandslideHazardAreas_11x17.mxd

PROPOSED FEDEX GROUND FACILITY

Frequently Flooded Areas

Critical Areas Map

City of Redmond, Washington

Effective: 05/28/2005

0 0.5 1 Miles

N

CityofRedmond WASHINGTON

Data Source:
FEMA Flood Insurance Rate Maps

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
In the event there is a conflict between the map and the criteria or standards of the CAO, the criteria shall prevail.

- 100 Year Floodplain
- FEMA Floodway
- City Limit
- Park and Open Space
- Water

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File Name:\\redmond.man\fs\GISUser\GIS\GISServicesProject\GISServices\RedmondGovWebsite\03GIS\FrequentlyFloodedAreas_11x17.mxd

PROPOSED
FEDEX GROUND
FACILITY

Data Source:
USGS Geologic Maps

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
In the event there is a conflict between the map and the criteria or standards of the CAO, the criteria shall prevail.

Fish and Wildlife Habitat Conservation Areas (Core Preservation Areas)

Critical Areas Map

City of Redmond, Washington

Effective: 05/28/2005

0 0.5 1
Miles

N

CityofRedmond
WASHINGTON

Disclaimer: This map is created and maintained by GIS Services Group,Finance and Information Services, City of Redmond, Washington, for reference purposes only.

The City makes no guarantee as to the accuracy of the features shown on this map.

- Class 1 Streams and Buffers
- Native Growth Protection Easements
- Open Space Easements
- Transfer Development Rights Easements
- City Limit
- Park and Open Space
- Water

File Name:\\redmond.man\fs\GIS\User\GIS\GISServicesProject\GISServices\RedmondGovWebsite\03GIS\FishWildlifAreas_11x17.mxd

PROPOSED
FEDEX GROUND
FACILITY

Erosion Hazard Areas

Critical Areas Map

City of Redmond, Washington

Effective: 05/28/2005

0 0.5 1
Miles

N

CityofRedmond
WASHINGTON

Contour

Erosion Hazard Area

City Limit

Park and Open Space

Water

Data Source:
SCS Soil Survey

Note:
This map shall be used as a general guide. It represents approximate locations.
Consult the Critical Areas Ordinance (CAO) for reporting requirements.
In the event there is a conflict between the map and the criteria or standards
of the CAO, the criteria shall prevail.

Disclaimer: This map is created and maintained by GIS Services Group,Finance and Information Services, City of Redmond, Washington, for reference purposes only.

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File Name:\\redmond.main\fs\GISUser\GIS\GISServicesProject\GISServices\RedmondGovWebsite\03GIS\ErosionHazardAreas_11x17.mxd

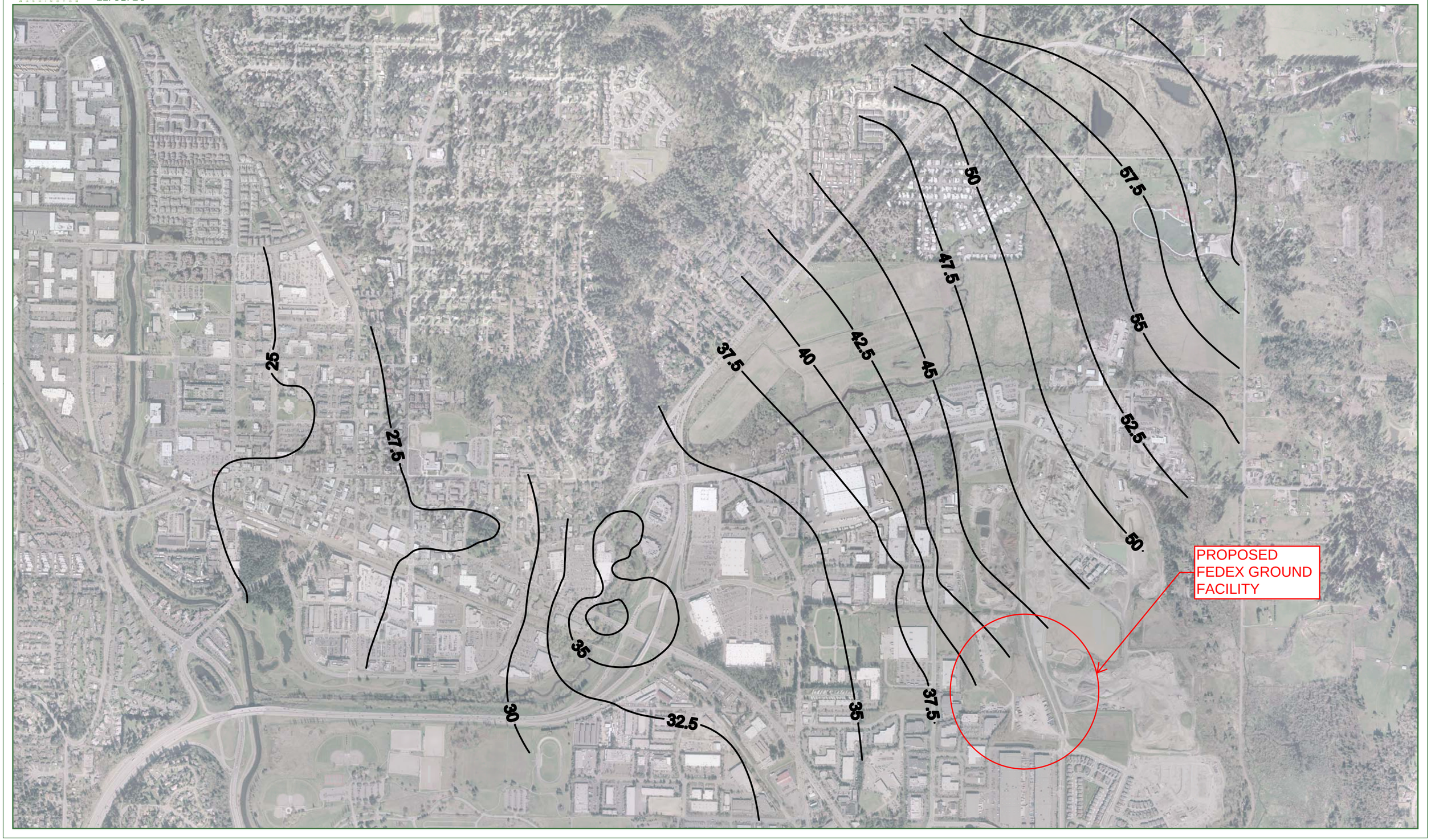
August 17, 2010 Water Level Elevation Contour Map

City of Redmond, Washington

2,300 Feet

11/05/10

Disclaimer: This map is created and maintained by the NATURAL RESOURCES DIVISION, PUBLIC WORKS DEPARTMENT, of the City of Redmond, Washington, for reference purposes only. The City makes no guarantee as to the accuracy or completeness of the features shown on this map.



SUMMER 2012
PWS ID: 5371650

REDMOND

WATER QUALITY REPORT

your drinking water







City of Redmond

table of contents

From the Mayor
pg 2

Water Systems
pg 3

The Tolt Watershed
pg 4 & 5

Fluoride In Your Water
pg 4

Interesting Water Facts
pg 5

The Groundwater System
pg 6

Information from the EPA
pg 7

Anderson Park History
pg 7

Wellhead Protection
pg 8 & 9

Keeping the Lead Out
Cross Connections
pg 10

2011 Water Use
pg 11



CITY OF REDMOND
do you value your drinking water?

Safe public drinking water is something we all expect and deserve. In Redmond our sources of supply remain pure and plentiful, but they are also sensitive and vulnerable to contamination and depletion. The Wellhead Protection Program, the Source Improvement Project, water facility and security upgrades are examples of our commitment to preserving the quality and quantity of this precious resource.

In this report you will learn where your drinking water comes from. You'll learn what is in it and how it is protected, treated and monitored. And, you'll learn about steps we can all take to help conserve and protect our drinking water.

Mayor John Marchione

WHERE DOES MY WATER COME FROM?

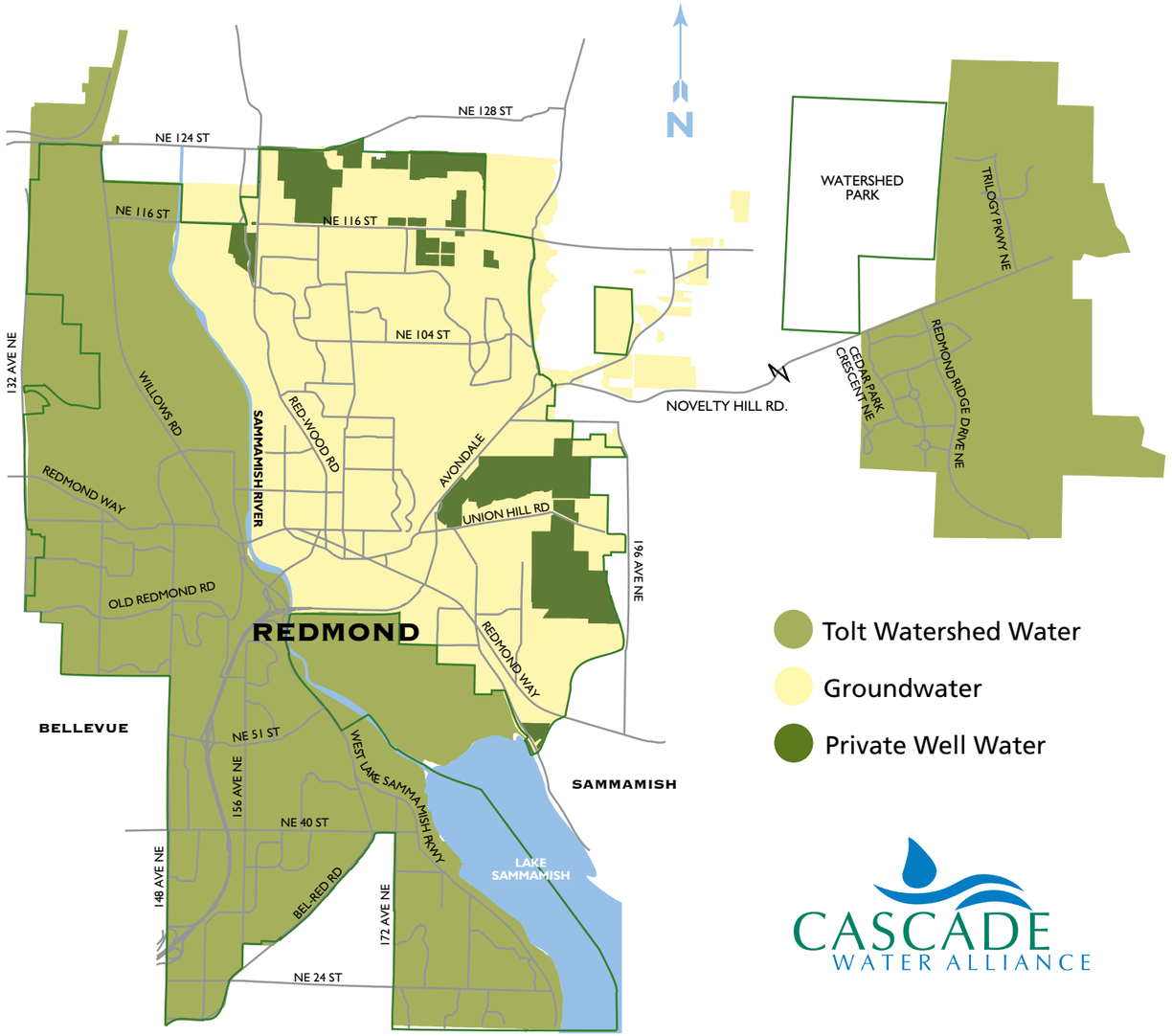
The City of Redmond has a hybrid water system.
Where your water comes from depends on where you live.

THE TOLT WATERSHED

Residents on the west side of Lake Sammamish and the Sammamish River, and those who live in Redmond Ridge and Trilogy are served water that comes from the Tolt Watershed in the Cascade Mountains.

THE GROUNDWATER SYSTEM

Residents east of Lake Sammamish and the Sammamish River are supplied by groundwater from the City's well system. Depending on demand conditions, Tolt water may be blended with the groundwater.



CASCADE WATER ALLIANCE

THE TOLT WATERSHED

From the Cascade Mountains to your tap



Wetlands are a vital link in the hydrologic cycle.

The Tolt Reservoir and Watershed are located 15 miles east of Redmond in the Cascade Mountains. Rivers, streams and snowmelt are impounded here to make up the reservoir supply. The water travels through a supply pipeline to Redmond and other Eastside water districts on its way to Seattle. The City of Seattle owns the Watershed and pipeline. Redmond, as a member of the Cascade Water Alliance, buys this water and both cities monitor and test it to maintain quality.

Watershed Protection

The Tolt Watershed covers nearly 14,000 acres and is closed to public access. Seattle's aggressive watershed protection plan safeguards the water supply from degradation and human intrusion. However, according to the State Department of Health, all surface waters in Washington are given a susceptibility rating of "high" regardless of whether contaminants have been detected. Contamination that might occur would most likely be from soil erosion or animal activity.

Treatment

Water treatment of the Tolt supply consists of chlorine disinfection, fluoridation for dental health, and calcium oxide and CO2 which help reduce the water's natural corrosive effect on plumbing. A filtration and ozone treatment facility has been in operation since 2001. Filtration removes organic material and makes the water cleaner and clearer. Ozone kills tough pathogens like giardia and cryptosporidium.

2011 WATER QUALITY DATA—TOLT SYSTEM

Hardness: 27.7 mg/l or 1.6 grains per gallon pH: 8.1-8.6

Detected Compounds	Units	Levels		EPA Limits		Typical Sources
		Average	Range	MCLG	MCL	
TOTAL ORGANIC CARBON (raw water)	ppm	1.3	1.2-1.6	NA	TT	Naturally present in the environment
CRYPTOSPORI-DIUM (raw water)	#/100L	ND	ND to 2	NA	NA	Naturally present in the environment
FLUORIDE	ppm	0.8	0.4 - 1.1	4	4	Additive for dental health
TURBIDITY	NTU	0.06	0.04 - 0.15	NA	TT	Soil runoff
TTHM	ppb	33	26 - 43	NA	80	Chlorination by-products
HAA5	ppb	31	24 - 42	NA	60	Chlorination by-products
CHLORINE	ppm	0.70	0.11 - 1.33	NA	4 MRDL	Additive that kills germs
BARIUM	ppb	1.2	(one sample)	2000	2000	Erosion of natural deposits
NITRATE	ppm	0.11	(one sample)	10	10	Erosion of natural deposits
CHROMIUM	ppb	0.2	(one sample)	100	100	Erosion of natural deposits
CADMIUM	ppb	0.8	(one sample)	5	5	Erosion of natural deposits

MCLG (maximum contaminant level goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

MRDL (maximum residual disinfectant level)

MCL (maximum contaminant level): The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

NTU A measurement of water clarity. High turbidity can interfere with disinfection.

PPM (Parts Per Million): 1 ppm = 1 mg/l

PPB (Parts Per Billion): 1 ppb = 1 ug/l

TT (treatment technique): A required process intended to reduce the level of a contaminant in drinking water.

NA Not Applicable

A list of other contaminants that were not detected, are secondary or unregulated, is available upon request.



FLUORIDE IN YOUR WATER

Redmond Lowers Fluoride Level

Redmond has lowered the fluoride level in our drinking water to 0.8ppm, down from 1.0ppm. This action is due to a 2011 recommendation from the U.S. Department of Health and Human Services (HHS) and the U.S. Environmental Protection Agency (USEPA). These agencies have determined that Americans now have access to more sources of fluoride than when fluoridation was first introduced. HHS and EPA emphasize "the continued importance of optimal water fluoridation in tooth decay prevention while at the same time avoiding the unwanted health effects of too much fluoride."



INTERESTING WATER FACTS

- Water regulates the temperature of the human body, carries nutrients and oxygen to cells, cushions joints, protects organs and tissues, and removes waste. Water can aid in digestion, ease muscle soreness and help relieve fatigue.
- Today we take safe drinking water for granted, but in 1900 waterborne diseases were the third largest cause of death in the nation.
- The CDC (Center for Disease Control and Prevention) lists fluoridation of drinking water as one of the 10 greatest health achievements of the 20th century.
- There are more people in Africa without access to safe drinking water than the entire population of the United States.
- You can refill an 8 oz. glass with tap water 10,000 times for the same cost of a soda or bottled water.

THE GROUNDWATER SYSTEM

Redmond's renewable resource

In Redmond, east of the Sammamish River, there are underground, water bearing formations called aquifers. For 60 years the aquifers have supplied nearly 35% of Redmond's drinking water. In 2011, the City's wells pumped 680 million gallons from the aquifers. This resource is listed by the Department of Health as having high vulnerability to potential contamination, because the aquifers are shallow.

Groundwater Protection

In 2003, Redmond's City Council passed the Wellhead Protection Ordinance. Shortly thereafter, the Wellhead Protection Program was established to help protect our groundwater. Wellhead Protection staff help prevent pollution, help protect our groundwater and prevent pollution by:

- Gathering hazardous materials data and visiting businesses to identify and eliminate sources of pollution that could contaminate the groundwater.
- Reviewing development proposals to ensure that groundwater will not be adversely impacted.
- Collecting groundwater levels and samples from monitoring wells throughout the City and sharing the results with the Public Works Water Quality Office.

As a result of the Wellhead Protection Program, Redmond is in compliance with the three major components of Washington's Source Water Assessment Program: Wellhead Protection Area Delineation, Contaminant Source Inventory, and Susceptibility Assessment. The findings are available to all interested parties. To learn more, contact Amanda Balzer at abalzer@redmond.gov or call (425) 556-2753.

Treatment

Our groundwater is treated with two common drinking water additives: sodium fluoride and chlorine. Boosting the natural fluoride level contributes to dental health. Chlorine acts as a safety net against disease causing germs. At Well #4, sodium hydroxide is used to raise the pH of the water, making it less corosive to household plumbing. The City's other wells use air stripping towers which release CO2 as a way of raising the pH.

2011 WATER QUALITY DATA—GROUNDWATER SYSTEM

Hardness: 60-90 mg/l or 4-5 grains per gallon pH: 7.5-7.9

Detected Compounds	Units	Levels		EPA Limits		Typical Sources
		Average	Range	MCLG	MCL	
FLUORIDE	ppm	0.83	0.52 - 1.2	4	4	Additive to promote dental health
NITRATE	ppm	0.70	0 - 1.1	10	10	Erosion of natural deposits
TTHM	ppb	18	6 - 28	NA	80	Chlorination by-products
HAA5	ppb	10	0 - 24	NA	60	Chlorination by-products
CHLORINE	ppm	0.84	0.11 - 1.35	NA	4MRDL	Additive that kills germs
PERCHLORO-ETHYLENE	ppb	0.60	0 - 1.2	NA	5	Discharge from dry cleaners

MCLG (maximum contaminant level goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

MRDL (maximum residual disinfectant level)

MCL (maximum contaminant level): The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

NA Not Applicable

NTU A measurement of water clarity. High turbidity can interfere with disinfection.

PPB (Parts Per Billion): 1 ppb = 1 ug/l

PPM (Parts Per Million): 1 ppm = 1 mg/l

TT (treatment technique): A required process intended to reduce the level of a contaminant in drinking water.

TTHM (total trihalomethane): Disinfection by-products

HAA5 (Haleoacetic acid): Disinfection by-products

A list of other contaminants that were not detected, are secondary or unregulated, is available upon request.

INFORMATION FROM THE EPA

All about drinking water

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals, and can pick up substances resulting from the presence of animal or human activity.

Substances and contaminants that could be present in source water include:

Microbes such as viruses and bacteria, which may come from septic systems, livestock, and wildlife.

Inorganic chemicals such as salts and metals, which may be naturally occurring or result from urban stormwater runoff, wastewater discharges, and farming.

Pesticides and herbicides from agriculture, urban stormwater runoff, and residential uses.

Organic chemicals both synthetic and volatile, which are by-products of industry and can also come from gas stations, dry cleaners, urban stormwater runoff, and septic systems.

Radioactive contaminants, which can be naturally occurring or result from petroleum production or mining activities.

In order to ensure the safety of tap water, the EPA regulates the amount of contaminants allowed in public drinking water. The FDA regulates the contaminants in bottled water, which must provide a similar degree of safety.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at (800) 426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791.





ANDERSON PARK

Redmond's water history

The wells at Anderson Park have produced over 15 billion gallons of drinking water since 1952. Since that time the aquifer levels have remained constant — truly a valuable, renewable resource!

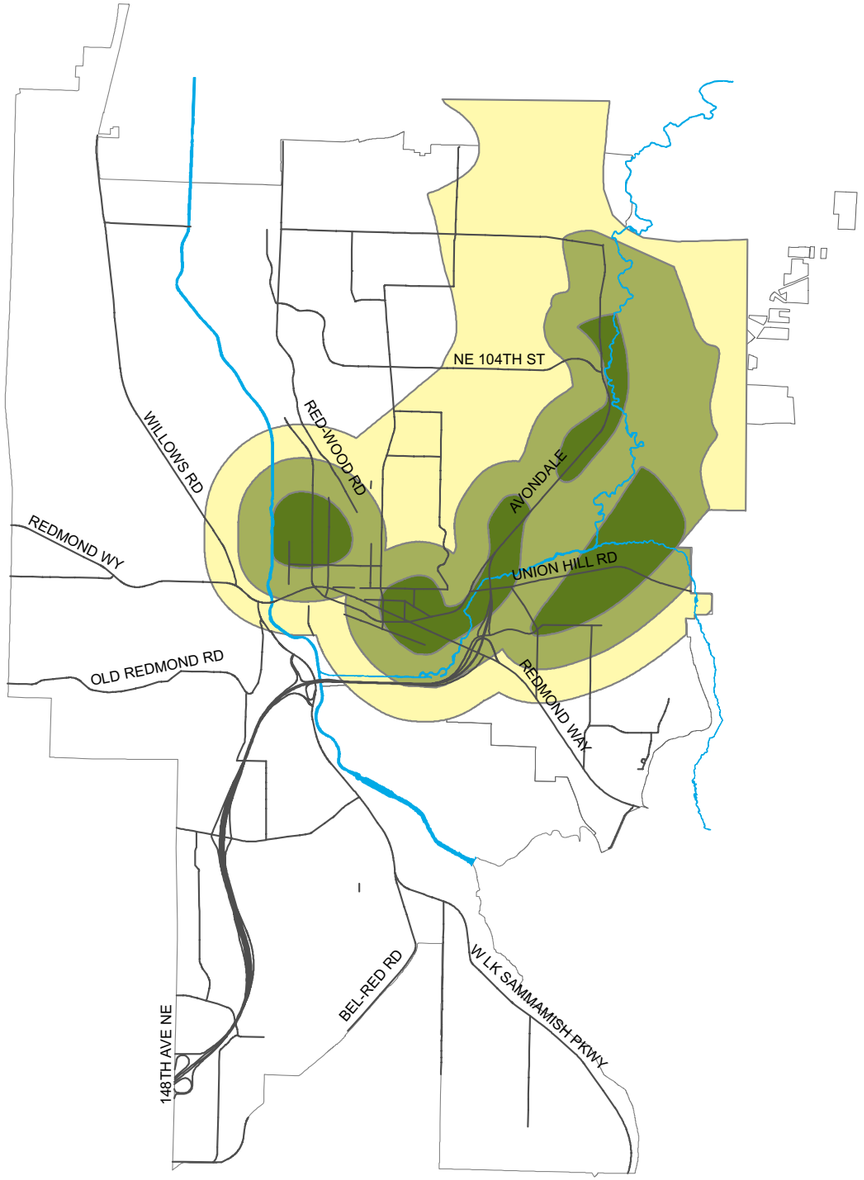
The City of Redmond is one of the few municipalities or water purveyors in the Puget Sound region that has its own sources of water supply. Redmond's five wells provide over 35% of Redmond's water usage. This enables the City to produce its own drinking water with costs much less than buying water from the Tolt Watershed. The City is then able to pass those savings on to its customers.

WELLHEAD PROTECTION ZONES

Keep your drinking water safe

A primary source of Redmond's drinking water is groundwater. The Wellhead Protection Program works to protect our drinking water by managing areas around the City's water supply wells to prevent contamination.

The groundwater aquifer that provides the City with 35% of our drinking water is located beneath downtown Redmond and continues north up Avondale and east along Union Hill Road. Rain water refills the aquifer by draining into streams and seeping into the ground. The surface area where this refilling has the most significant effect on the aquifer is known as the Critical Aquifer Recharge Area (CARA). The CARA is divided into three Wellhead Protection Zones (Zones 1, 2, and 3 shown on the map). The zones are based on the time it takes a drop of water to travel from the point where it enters the aquifer to the point where it enters the nearest drinking water well. In Zone 1 groundwater takes six months or less to travel to the nearest drinking water well. In Zone 2, it takes one year or less and in Zone 3 it takes up to 10 years. It is important to keep the water that enters the aquifer clean as it becomes our drinking water.



Zone 1 (6-month time of travel)

Zone 2 (1-year time of travel)

Zone 3 (10-year time of travel)

PROTECTING OUR GROUNDWATER

What you can do to protect your drinking water

The best way to protect our drinking water is to make sure pollution does not get into the environment around us, especially in the Critical Aquifer Recharge Areas.

Dispose of Hazardous Products Properly

Items such as used motor oil, oil-based paint, cleaning solvents, fuels, antifreeze, transmission and brake fluid, and pesticides and herbicides should never be dumped on the ground or into a stormwater drain on the street. For more information on proper disposal of hazardous materials visit King County's Local Hazardous Waste Management Program website at www.lhwmp.org.

Limit your use of chemicals, fertilizers, pesticides, and other hazardous products

Use the least toxic products or methods available. Over application or misuse can cause these chemicals to make their way into surface water and groundwater. For more information, visit King County's website on Natural Yard Care www.lhwmp.org/home/gsgs.

Properly Maintain Your Septic System

If you have a septic system, pump it out on a regular basis (every three years depending on the tank and family size). Household hazardous wastes should never be flushed or put down the drain. This includes strong acids or bases, petroleum products, solvents, heavy metals and pesticides. For more information contact Public Health - Seattle & King County District Offices, in Eastgate at (206) 296-4932.



If you own or operate a business in Redmond, evaluate your hazardous materials handling process

- Properly store products and waste, both indoors and outdoors, utilizing secondary containment (a container to catch spills or leaks from the original container).
- Be prepared for spills. Have a spill kit and spill procedures in place and train employees on how to use them.
- Keep lids on dumpsters and waste bins stored outside.
- Minimize use of toxic cleaning solvents, such as chlorinated solvents, and other toxic chemicals.
- For additional information on hazardous materials storage and handling or environmentally safer alternatives, contact Wellhead Protection staff at (425) 556-2714.

BE VIGILANT

If spills occur, clean them up immediately. Call Redmond's Spill Hotline at (425) 556-2868 to report spills 24-hours a day.

wellhead protection

KEEPING THE LEAD OUT

What you can do to help

There is no detectable lead or copper in any of the sources of Redmond drinking water. However, lead is a serious contaminant and can be found in the water of some homes.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing.

The City of Redmond is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your cold water tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline, (800) 426-4791, or at www.epa.gov/safewater/lead. You can also get information from Redmond Water Quality at (425) 556-2847.

Redmond's drinking water has been treated to minimize corrosion in the home since 1983. A citywide monitoring program began in 1992, which tested water in homes most likely to have plumbing components with lead. Since that time, only 9 of 362 samples have exceeded the action level (15ppb) for lead. The next monitoring program will begin in June of 2012.

2009 LEAD AND COPPER CITYWIDE MONITORING PROGRAM

Compounds & Units	MCLG	90th Percentile Action Level*	90th Percentile Residential Level	# of Homes Exceeding Action Level*	Sources
LEAD (ppb)	0	15 ppb	3 ppb	1 out of 38	Corrosion of household plumbing
COPPER (ppm)	1.3 ppm	1.3 ppm	Not Detected	0 out of 38	Corrosion of household plumbing

* **ACTION LEVEL** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

WHAT IS A CROSS CONNECTION?

A cross connection is the point where the public water supply can or does meet any polluting element. The water faucets for a hose, an irrigation system, or a fire suppression system are examples of common residential cross connections. A backflow assembly is required to protect the public drinking water from these potential threats.



WHAT IS A BACKFLOW ASSEMBLY?

A backflow assembly is a device that prevents backflow at a cross connection point. These devices range in complication and size depending on the need of protection, which is based on the hazard level.

Washington State Department of Health, Office of Drinking Water, has the responsibility of regulating public water systems by requiring installation of backflow assemblies to ensure the safety of public drinking water.

Owners of backflow assemblies are required to have those assemblies tested annually by a certified Washington State Backflow Assembly Tester.

For more information about Redmond's Cross Connection Program contact Kathy Caldwell at kcaldwell@redmond.gov or call (425) 556-2847.

2011 ANNUAL WATER USE

Efficiency performance report

The Redmond Water Utility is pleased to provide you with its third water conservation performance report. This report, which is required by the Washington State Department of Health (DOH) Water Use Efficiency Rule (WUE), includes information about our metering status, our distribution system leakage and progress made towards our water conservation goals.

Metering and Distribution Leakage Summary

The Redmond water system is fully metered. The state requires that water suppliers maintain their distribution system leakage at 10% or less for a rolling 3-year average. The state recognizes that a certain amount of leakage is expected and unavoidable. The leakage is based on the total water produced by the wells and purchased from Cascade Water, less the amount of water sold to customers and used for other system purposes like flushing and fire fighting. The estimated total leakage for Redmond for 2011 was 4.50% and the rolling 3-year average is 2.72%, well within the state DOH leakage standard.

2011 Redmond Conservation Program Savings With Cascade

In addition to rebates and unit number savings, Cascade worked with Redmond to provide outreach to residents which included:

- Bringing the Cascade Conservation Road Show to Derby Days and the Redmond PCC Market;
- Publishing multiple conservation articles in the Redmond Reporter;
- Developing standards for irrigation system retrofits under the Cascade Irrigation Efficiency Program;
- Providing contractor irrigation training;
- Producing a video showing homeowners how to properly schedule irrigation systems;
- Co-sponsoring the annual Spring Garden Fair; and,
- Providing technical support and point-of-purchase materials for retailers and plumbers for the WaterSense Toilet Program.

For information about Water Conservation programs, please visit www.cascadewater.org.

2011 WATER CONSERVATION PROGRAM RESULTS

PROGRAM	ELIGIBLE CUSTOMER SECTORS			SAVINGS (GPD)
	Single Family	Multi-Family	Commercial	
Clothes Washer Rebates	X			4,537
HET Toilet Replacements	X	X	X	11,176
Rain Sensor Installations	X	X	X	240
Irrigation System Upgrade Rebates and Evaluation		X	X	510
Leak Detection Dye Strip Distribution	X			17,737
Dishwashers			X	200
Showerhead and Aerator Replacements	X		X	934
Water Conservation Order Page	X			20
EST 2011 SAVINGS (Gallons Per Day)				35,354

City of Redmond
Water/Wastewater Engineering–2NPW
15670 NE 85 Street PO Box 97010
Redmond, WA 98073-9710

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additional information

Redmond Public Works
Water Quality Office
www.redmond.gov/environment/drinkingwater
(425) 556-2847

Washington Department of Health
www.doh.wa.gov/ehp/dw
(800) 521-0323

Environmental Protection Agency
www.epa.gov/safewater
Safe Drinking Water Hotline
(800) 426-4791

American Water Works Association
www.drinktap.org
www.awwa.org

Redmond Wellhead Protection Program
www.redmond.gov/environment
groundwater@redmond.gov
(425) 556-2825



get involved

It's your drinking water and your input is important. Attend and comment at City Council meetings on the first and third Tuesday of the month at 7:30 pm in the Council Chambers, located at 15670 NE 85th St. Agendas for the meetings can be found on the City's website *(www.redmond.gov)* or posted in the lobbies of City Hall and the Public Safety Building.

WATER QUALITY REPORT TEAM

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Editorial Assistance
Tess Sturtevant & Patty Estes
Administrative Assistants

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Kirkland, WA

If you have questions about this report or about your drinking water, contact Tom Fix, Senior Drinking Water Analyst, at (425) 556-2847 or tfix@redmond.gov.

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Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo o hable con alguien que lo entienda bien.

"수질 보고서에는 식수에 관한 중요한 정보가 들어 있습니다."
이 보고서에는 식수에 관한 중요한 정보가 들어 있습니다

APPENDIX C
SOIL BORINGS AND
WELL CONSTRUCTION LOGS

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring/Well No.: **MW-1**
Sheet 1 of 3

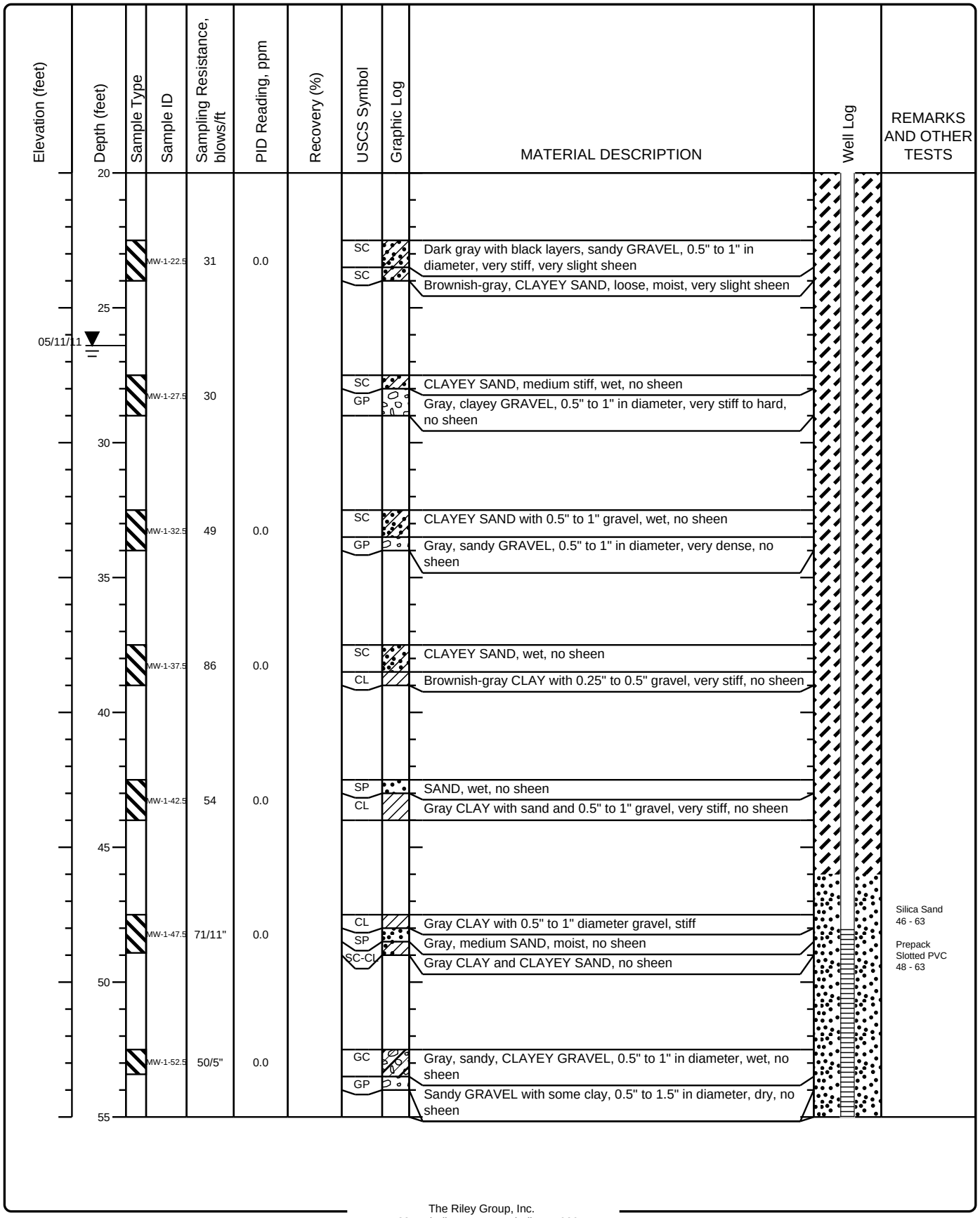
Date(s) Drilled: **05/09/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Hollow Stem Auger**	Drill Bit Size/Type: **2" Diameter**	Total Depth of Borehole: **65.5 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **EDI**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **26.40' bgs on 05/11/11**	Sampling Method(s): **SPT**	Hammer Data : **140 lb, 30 in drop, auto trip**
Borehole Backfill: **Monitoring Well**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	PID Reading, ppm	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
	0										Concrete 0 - 1
											Blank 2" PVC 0 - 25
							CL		Gray, 0.5" to 1" diameter gravelly CLAY, very soft, no sheen		Bentonite 1 - 24
			MW-1-2.5	7	0.0						
	5										
							CL		Gray to brown, 0.5" to 1" gravelly CLAY, medium stiff, no sheen		
			MW-1-7.5	8	0.0						
	10										
							GC		Greenish-gray, CLAYEY GRAVEL, 0.5" to 1" in diameter, loose, no sheen		
			MW-1-12.5	26	0.0						
	15										
							CL		Gray CLAY with some sand and 0.5"diameter gravel, very stiff, no sheen		
			MW-1-17.5	28	0.0						
	20										

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

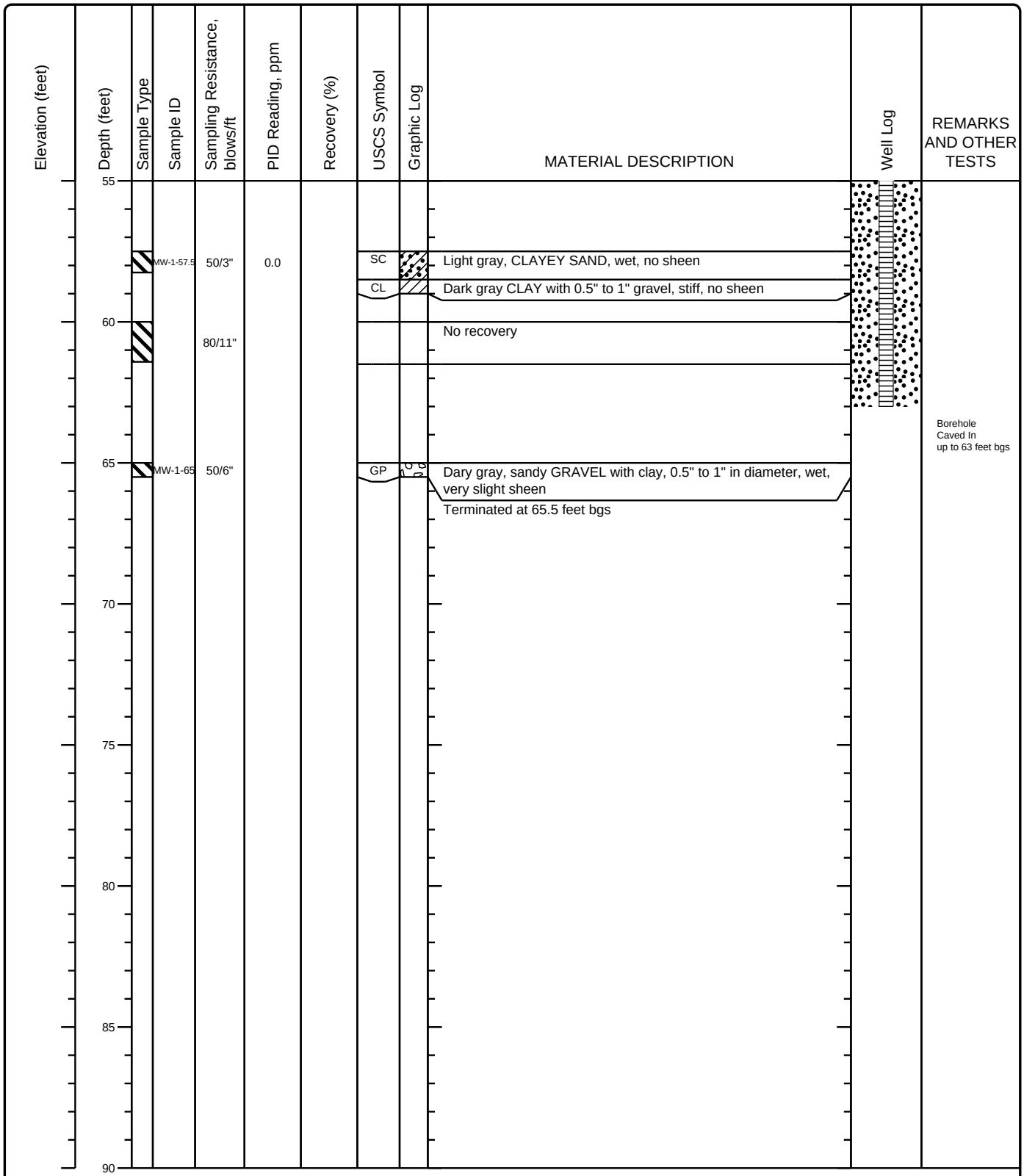
Boring/Well No.: **MW-1**
Sheet 2 of 3



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring/Well No.: **MW-1**
Sheet 3 of 3



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring/Well No.: **MW-2**
Sheet 1 of 3

Date(s) Drilled: **05/10/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Hollow Stem Auger**	Drill Bit Size/Type: **2" Diameter**	Total Depth of Borehole: **66.5 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **EDI**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **60.05' bgs on 05/11/11**	Sampling Method(s): **SPT**	Hammer Data : **140 lb, 30 in drop, auto trip**
Borehole Backfill: **Monitoring Well**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	PID Reading, ppm	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
	0										Concrete 0 - 1
											Blank 2" PVC 0 - 50
											Bentonite 1 - 48
			MW-2-2.5	22	0.0		SM		Gray, medium, SILTY SAND with some clay and 0.5" to 1" diameter gravel, no sheen		
	5										
			MW-2-7.5	8	0.0		SM		Greenish-gray, SILTY SAND with some clay and 0.5" diameter gravel, dense, dry, no sheen		
	10										
							SM		SILTY SAND, wet		
			MW-2-12.5	5	0.0		CL		Dark gray CLAY with 0.5" to 1" gravel, very stiff		
	15										
			MW-2-17.5	10	1.0		CL		Gray CLAY with sand, soft, wet		
	20										

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring/Well No.: **MW-2**
Sheet 2 of 3

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	PID Reading, ppm	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
	20										
			MW-2-22.5	18	0.0		CL		Greenish-gray CLAY, stiff, no sheen		
	25										
			MW-2-27.5	13	0.0		CL		Gray to light brown/yellowish-orange CLAY with 0.5" to 1" gravel, very stiff, no sheen		
	30										
			MW-2-32.5	10	0.0		CL		Dark gray CLAY with gravel, soft, wet to moist, no sheen		
	35										
			MW-2-37.5	3/12"	0.0		SC GC		Gray, CLAYEY SAND, high plasticity, soft, wet, no sheen Dark gray to dark brown, CLAYEY GRAVEL, 0.5" to 1" in diameter, low plasticity, loose, no sheen		
	40										
			MW-2-42.5	3	0.0		CL		Gray and brown CLAY, high plasticity, soft, wet, no sheen		
	45										
			MW-2-14.5	7	0.0		CL		Gray CLAY with gravel, high plasticity, medium stiff, no sheen		
	50										Silica Sand 48 - 65 Prepack Slotted PVC 50 - 65
			MW-2-52.5	60	0.0		CL GP		Gray CLAY, medium plasticity, soft, dry, no sheen Brown, medium, sandy GRAVEL, 0.5" to 1.5" in diameter, no sheen		
	55										

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring/Well No.: **MW-2**
Sheet 3 of 3

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	PID Reading, ppm	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
	55										
			MW-2-57.5	32	0.0		GP		Brown, coarse, medium sandy GRAVEL, 0.25" to 0.75" in diameter, wet, no sheen		
05/11/11	60										
			MW-2-62.5	26	0.0		GP		Coarse, medium sandy GRAVEL, 0.25" to 0.75" in diameter, no sheen		
	65		MW-2-65	62	0.0				Little recovery		
									Terminated at 66.5 feet bgs		
	70										
	75										
	80										
	85										
	90										

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17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring Log Key

Sheet 1 of 1

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	PID Reading, ppm	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
1	2	3	4	5	6	7	8	9	10	11	12

COLUMN DESCRIPTIONS

1. Elevation (feet): Elevation (MSL, feet).
2. Depth (feet): Depth in feet below the ground surface.
3. Sample Type: Type of soil sample collected at the depth interval shown.
4. Sample ID: Sample identification number.
5. Sampling Resistance, blows/ft: Number of blows to advance driven sampler one foot (or distance shown) beyond seating interval using the hammer identified on the boring log.
6. PID Reading, ppm: The reading from a photo-ionization detector, in parts per million.
7. Recovery (%): Core Recovery Percentage is determined based on a ratio of the length of core sample recovered compared to the cored interval length.
8. USCS Symbol: USCS symbol of the subsurface material.
9. Graphic Log: Graphic depiction of the subsurface material encountered.
10. MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.
11. Well Log: Graphical representation of well installed upon completion of drilling and sampling.
12. REMARKS AND OTHER TESTS: Comments and observations regarding drilling or sampling made by driller or field personnel.

FIELD AND LABORATORY TEST ABBREVIATIONS

CHEM: Chemical tests to assess corrosivity
COMP: Compaction test
CONS: One-dimensional consolidation test
LL: Liquid Limit, percent
PI: Plasticity Index, percent
SA: Sieve analysis (percent passing No. 200 Sieve)
UC: Unconfined compressive strength test, Qu, in ksf
WA: Wash sieve (percent passing No. 200 Sieve)

MATERIAL GRAPHIC SYMBOLS

- Bentonite chips
- Lean CLAY, CLAY w/SAND, SANDY CLAY (CL)
- Portland Cement Concrete
- Clayey GRAVEL (GC)
- Poorly graded GRAVEL (GP)
- Clayey SAND (SC)
- Clayey SAND to Sandy CLAY (SC-CL)
- Silty SAND (SM)
- Poorly graded SAND (SP)

TYPICAL SAMPLER GRAPHIC SYMBOLS

- Shelby Tube (Thin-walled, fixed head)
- Auger sampler
- Bulk Sample
- 3-inch-OD California w/ brass rings
- CME Sampler
- Continuous Core Sampler
- Grab Sample
- 2.5-inch-OD Modified California w/ brass liners
- Pitcher Sample
- 2-inch-OD unlined split spoon (SPT)
- Shelby Tube (Thin-walled, fixed head)

OTHER GRAPHIC SYMBOLS

- Water level (at time of drilling, ATD)
- Water level (after waiting)
- Minor change in material properties within a stratum
- Inferred/gradational contact between strata
- Queried contact between strata

GENERAL NOTES

1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

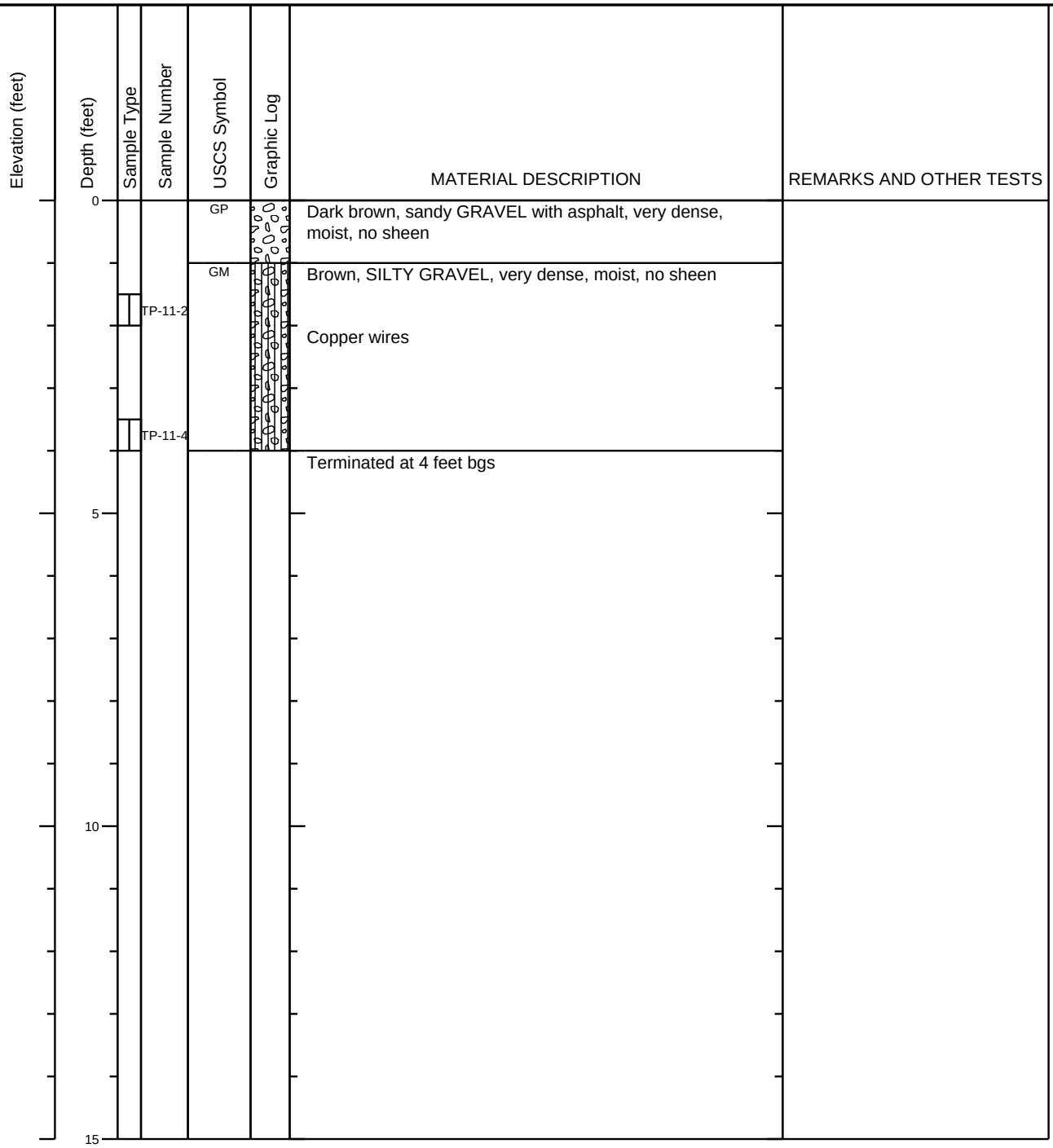
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-11

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **4 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



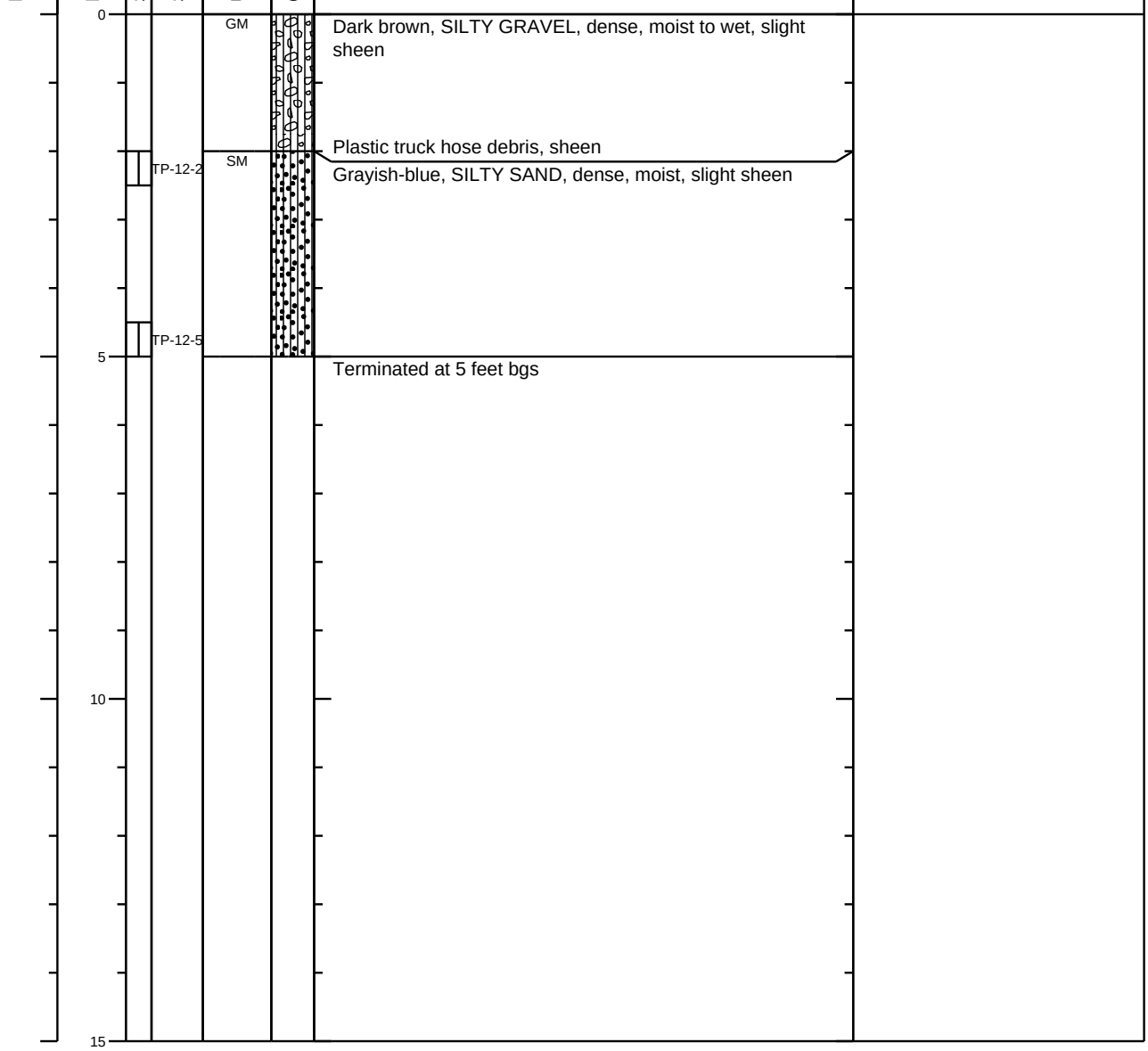
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-12

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



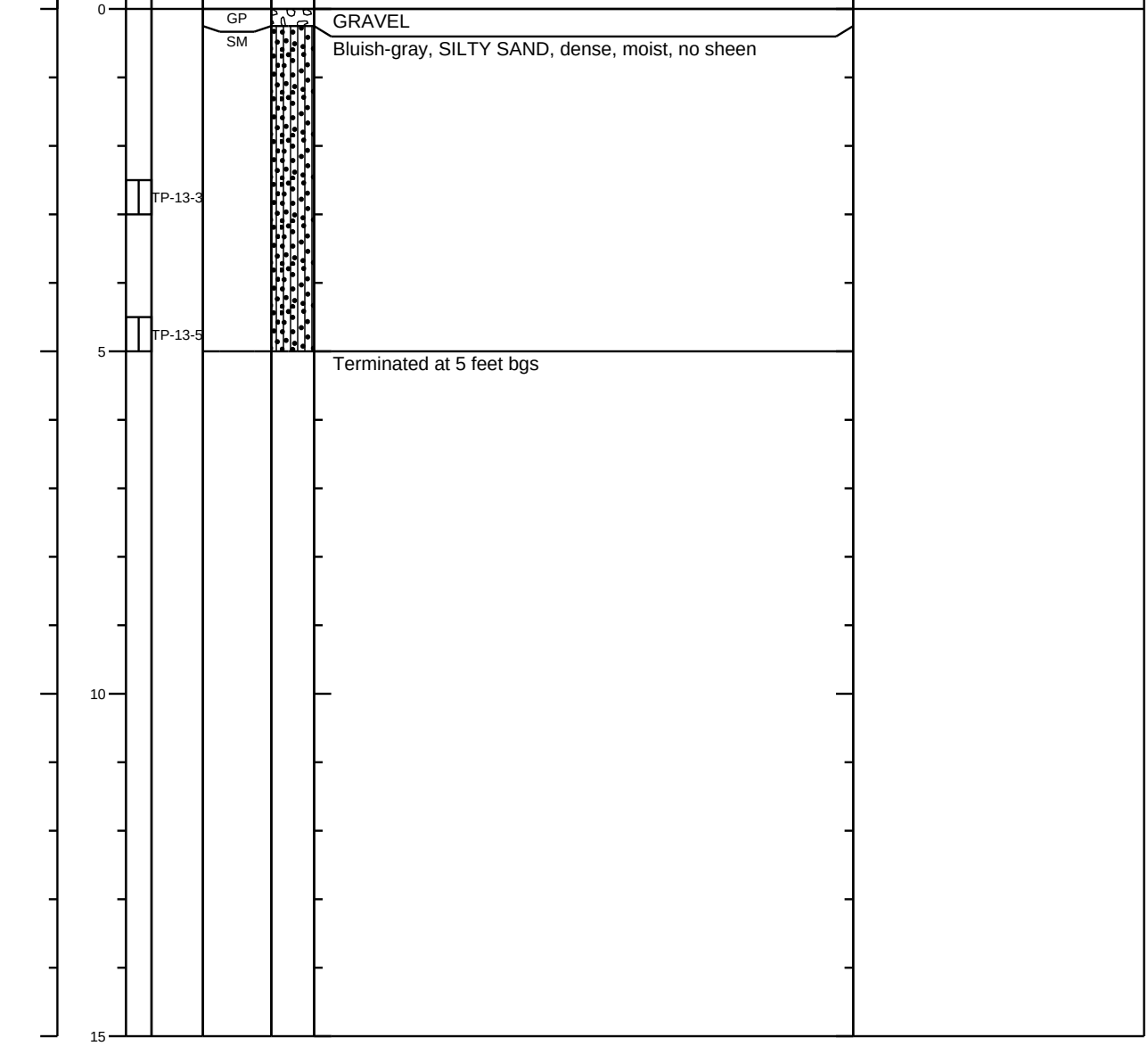
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-13

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



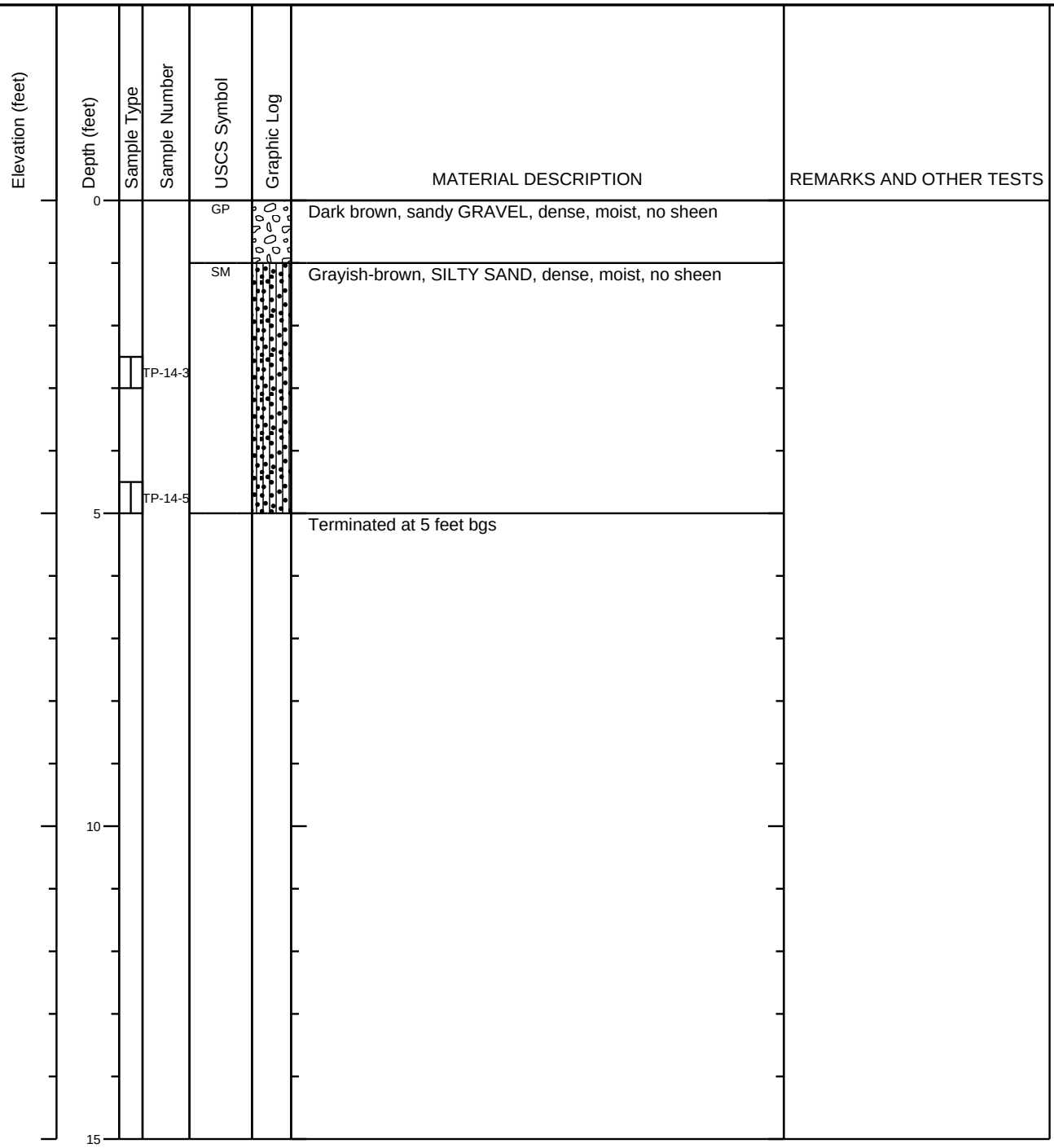
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-14

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



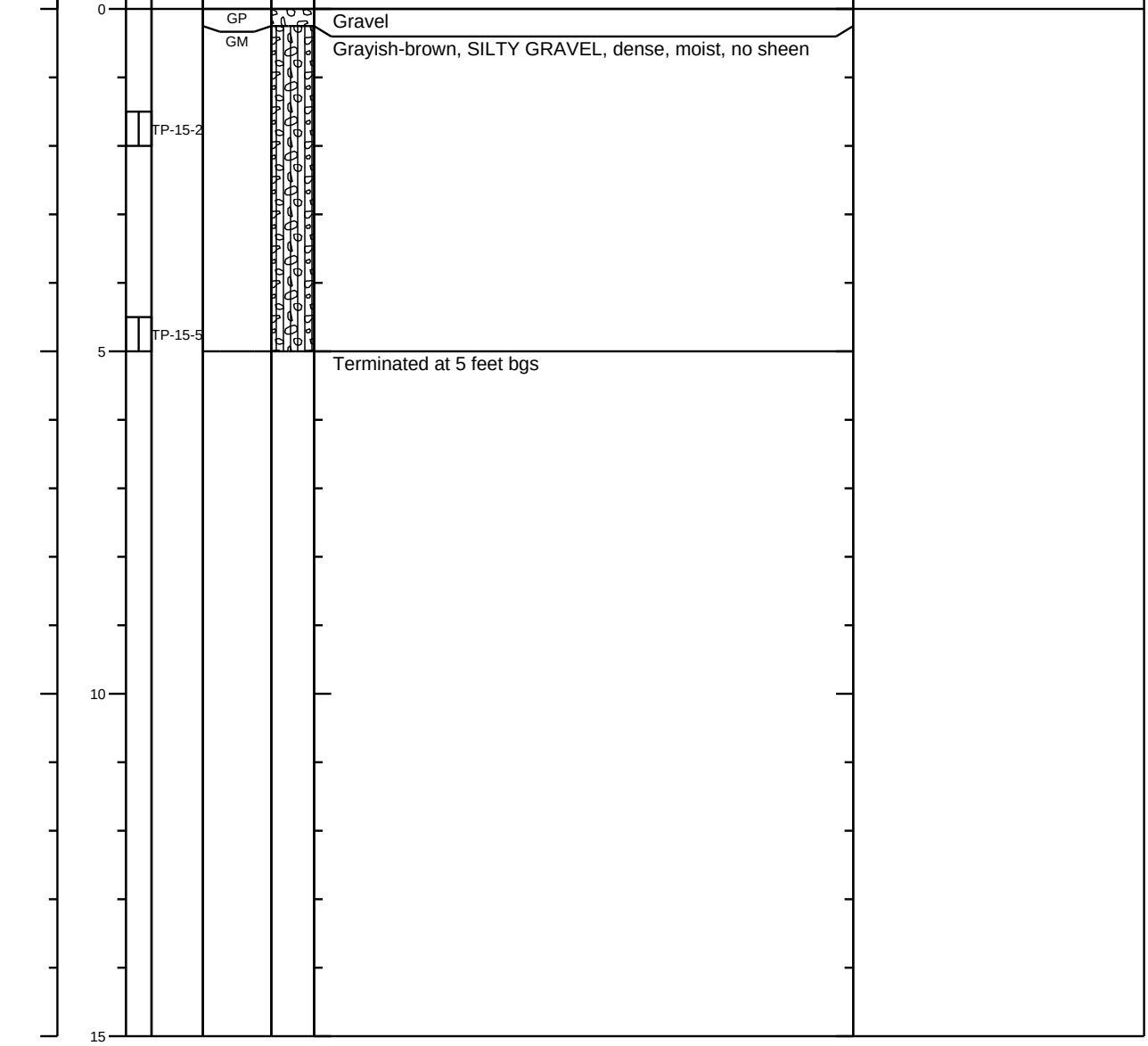
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-15

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



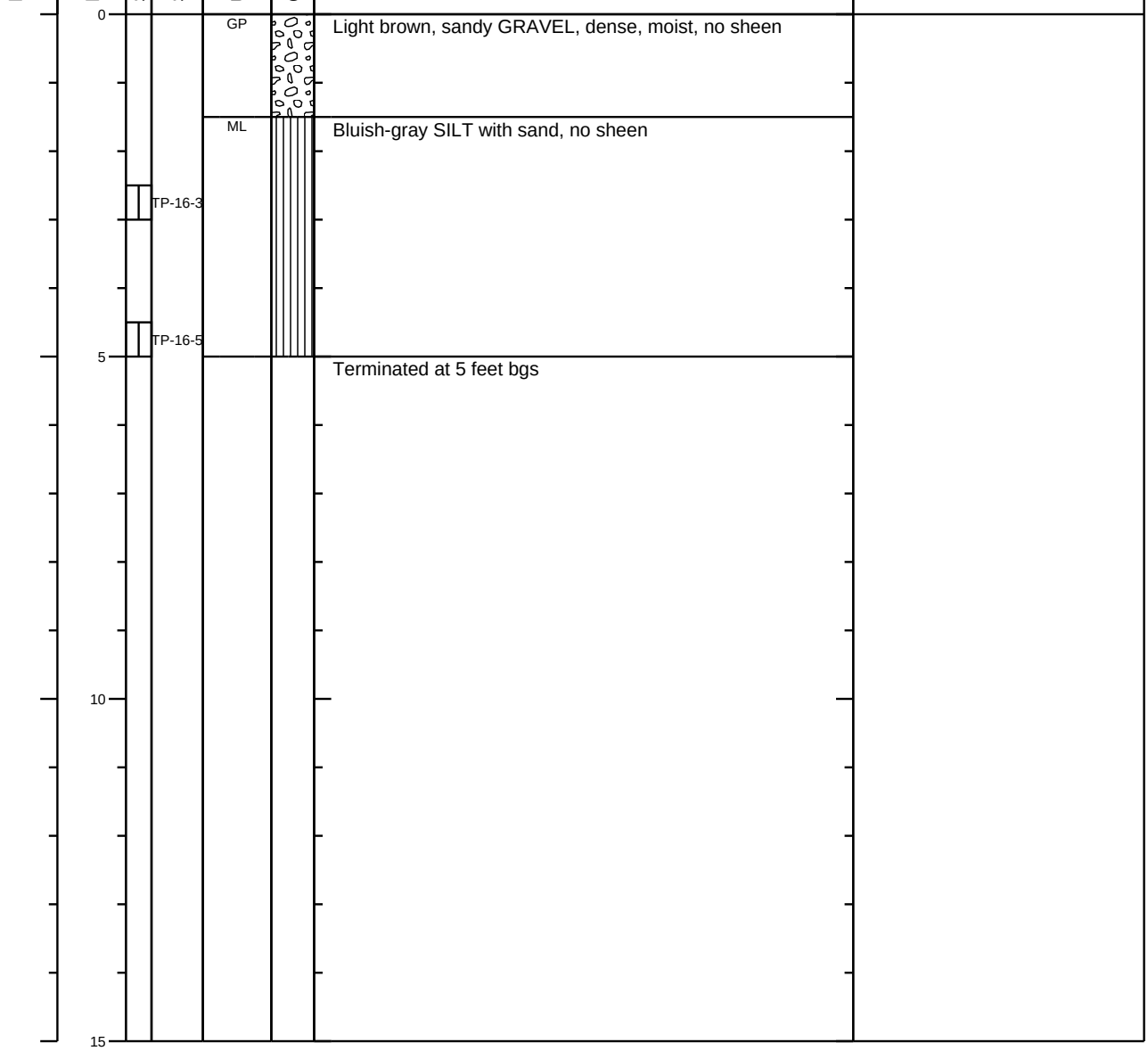
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-16

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



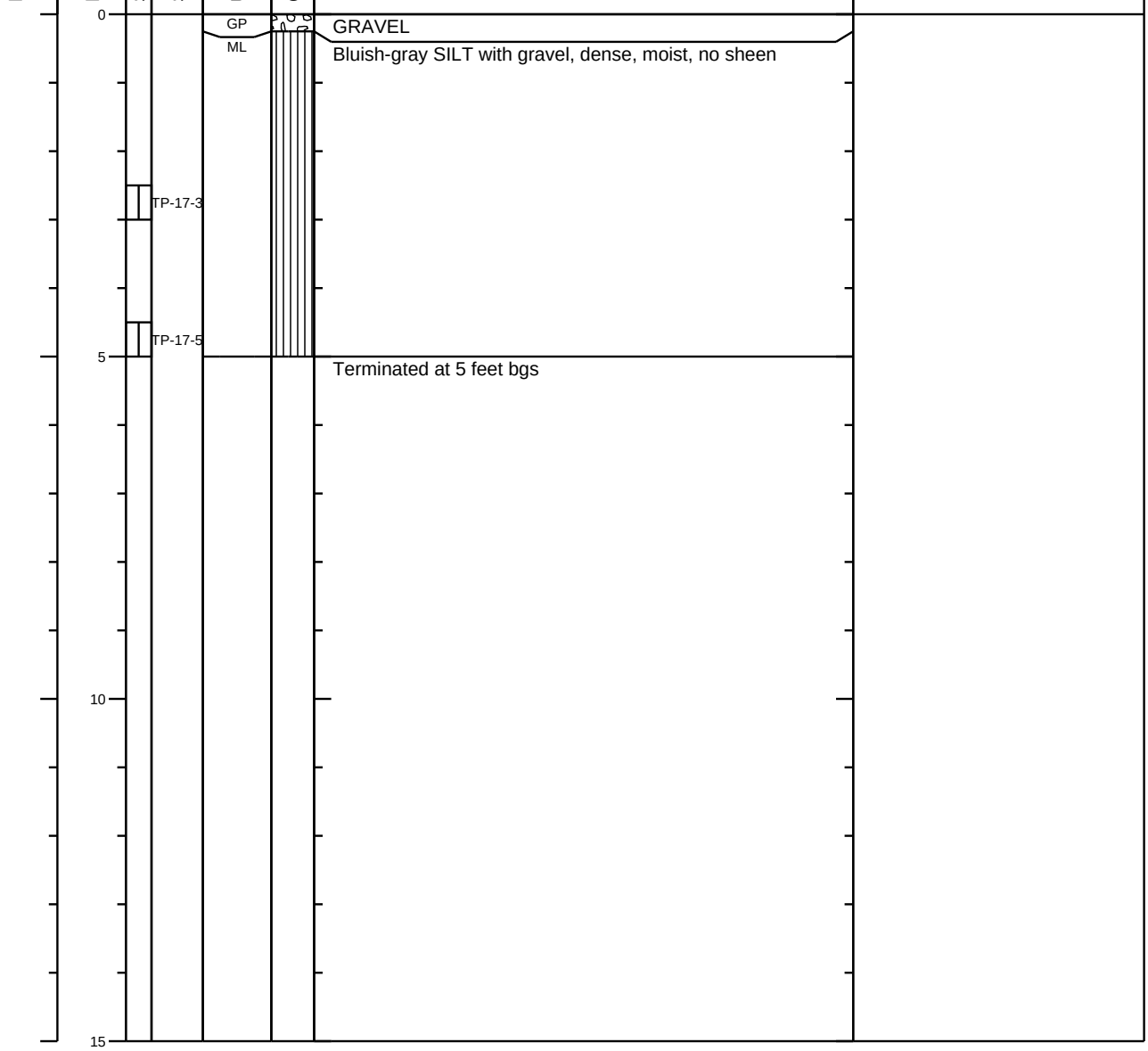
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-17

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



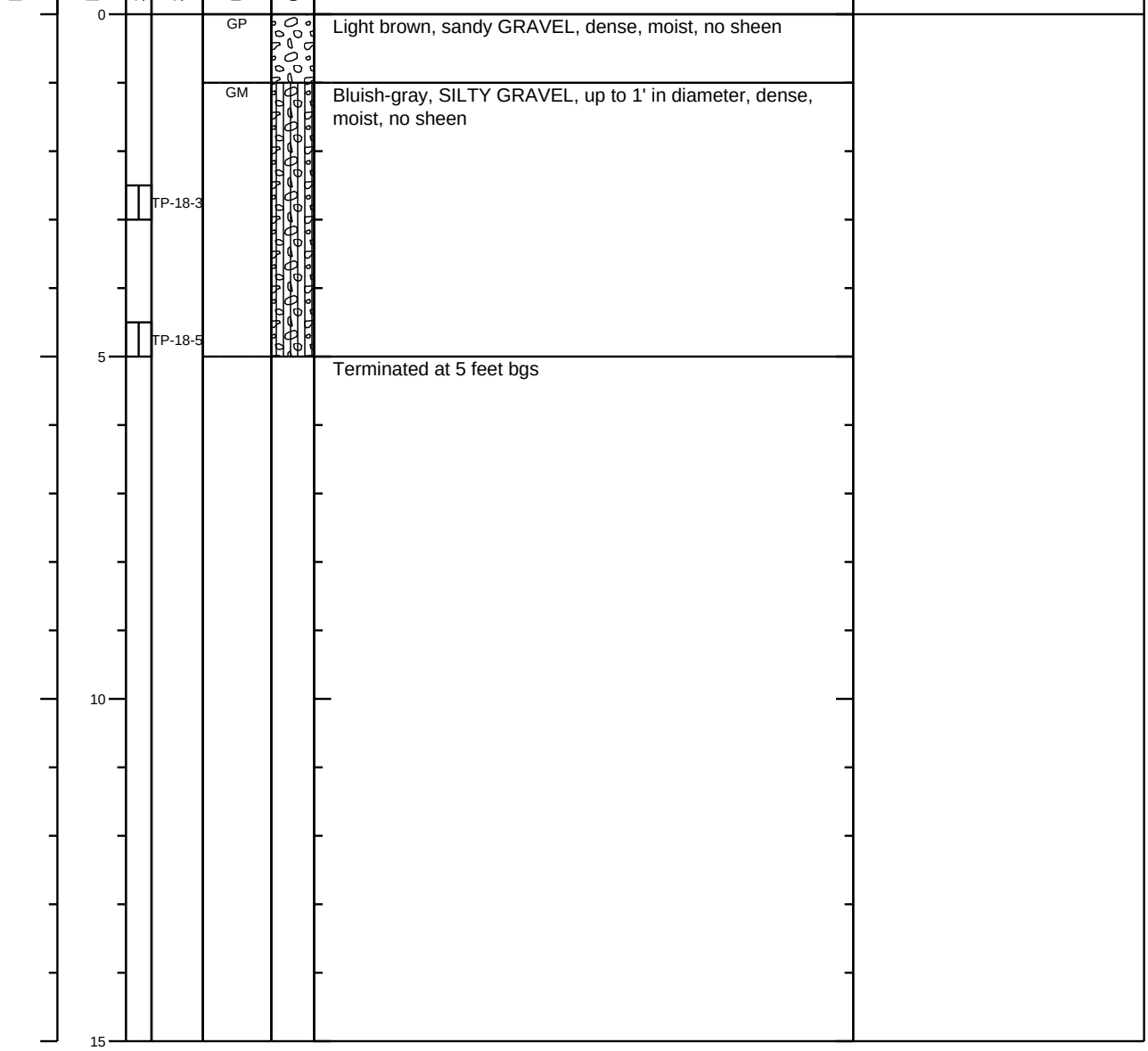
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-18

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



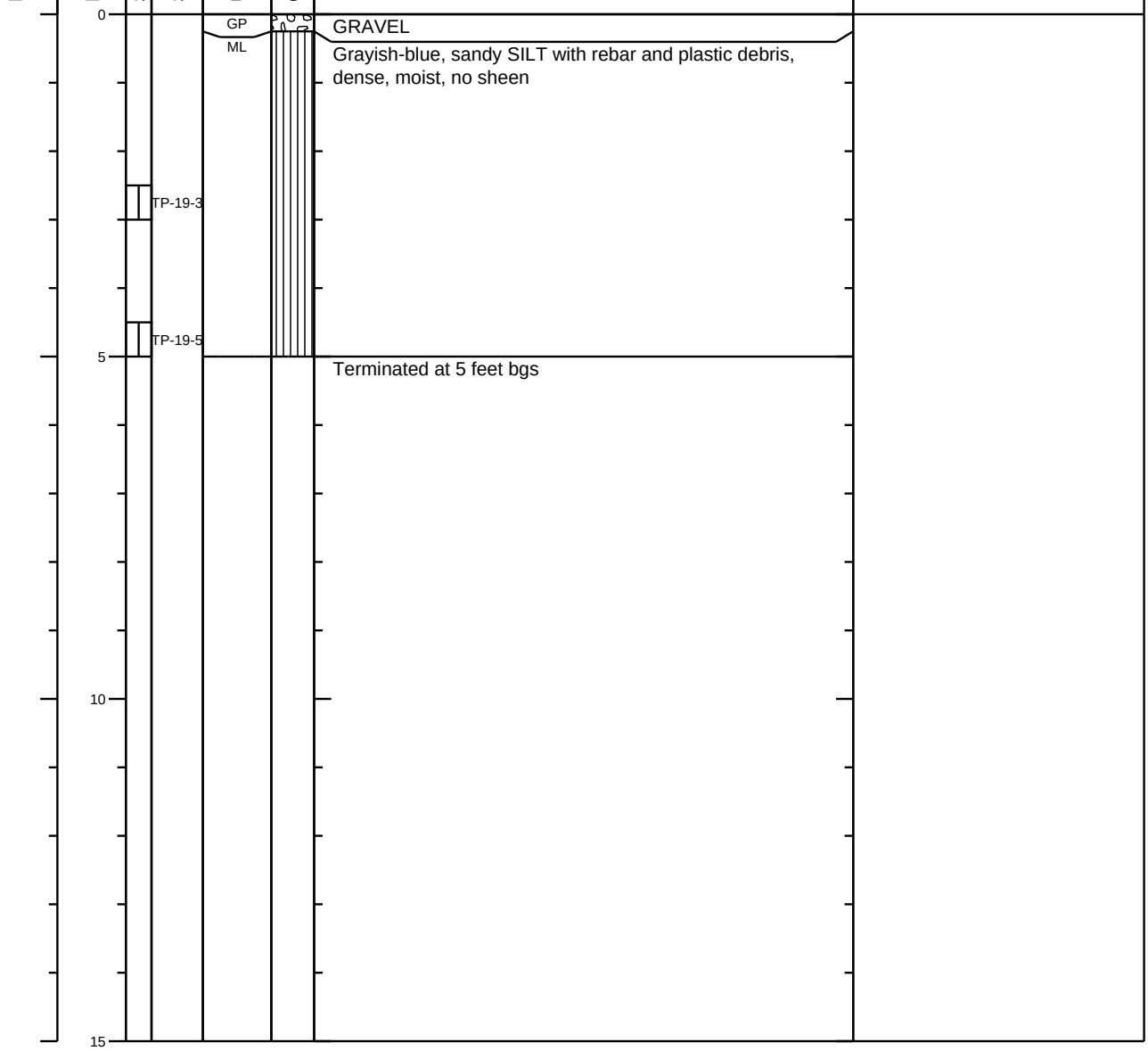
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-19

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



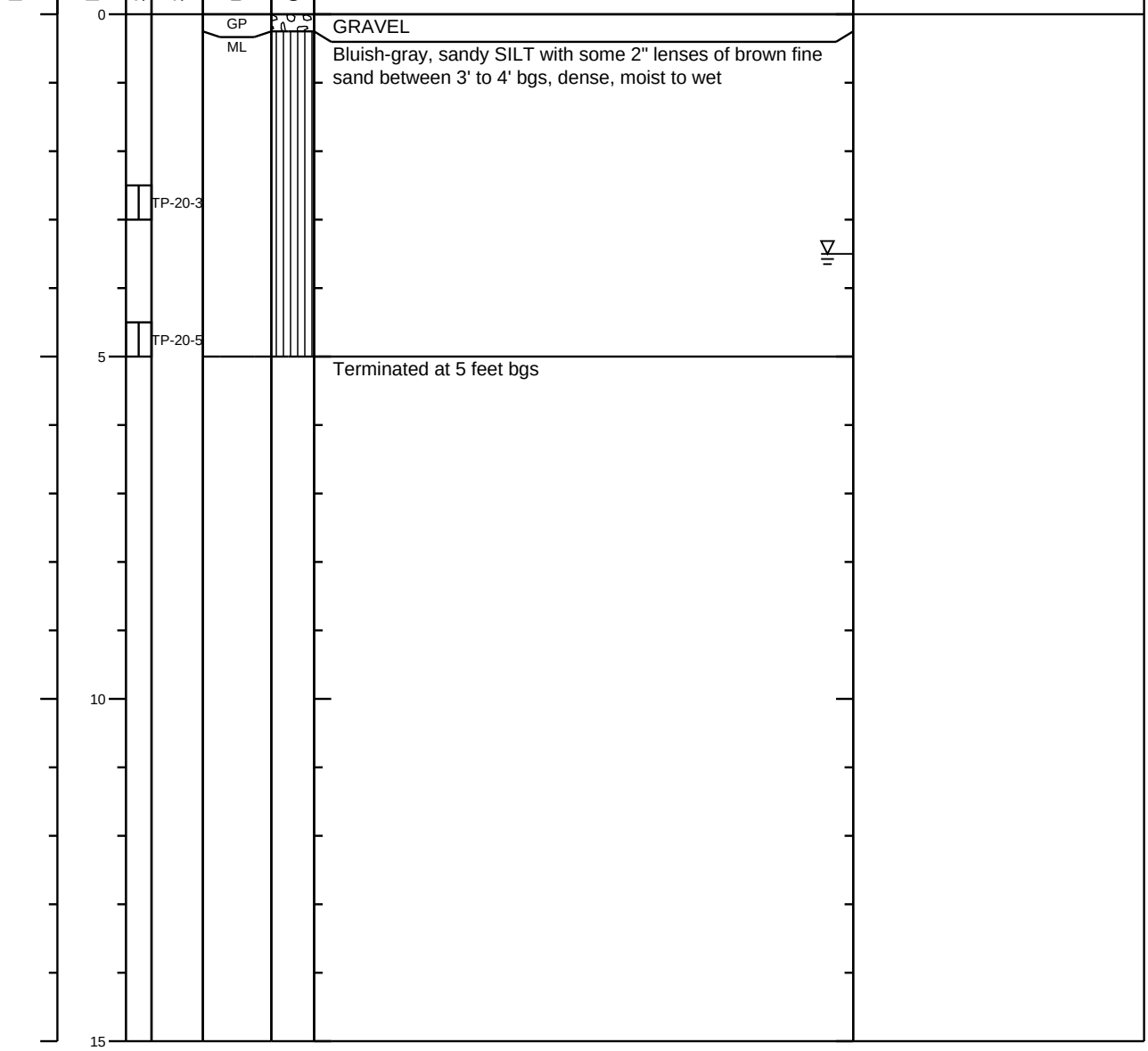
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-20

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **3.5 feet bgs**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



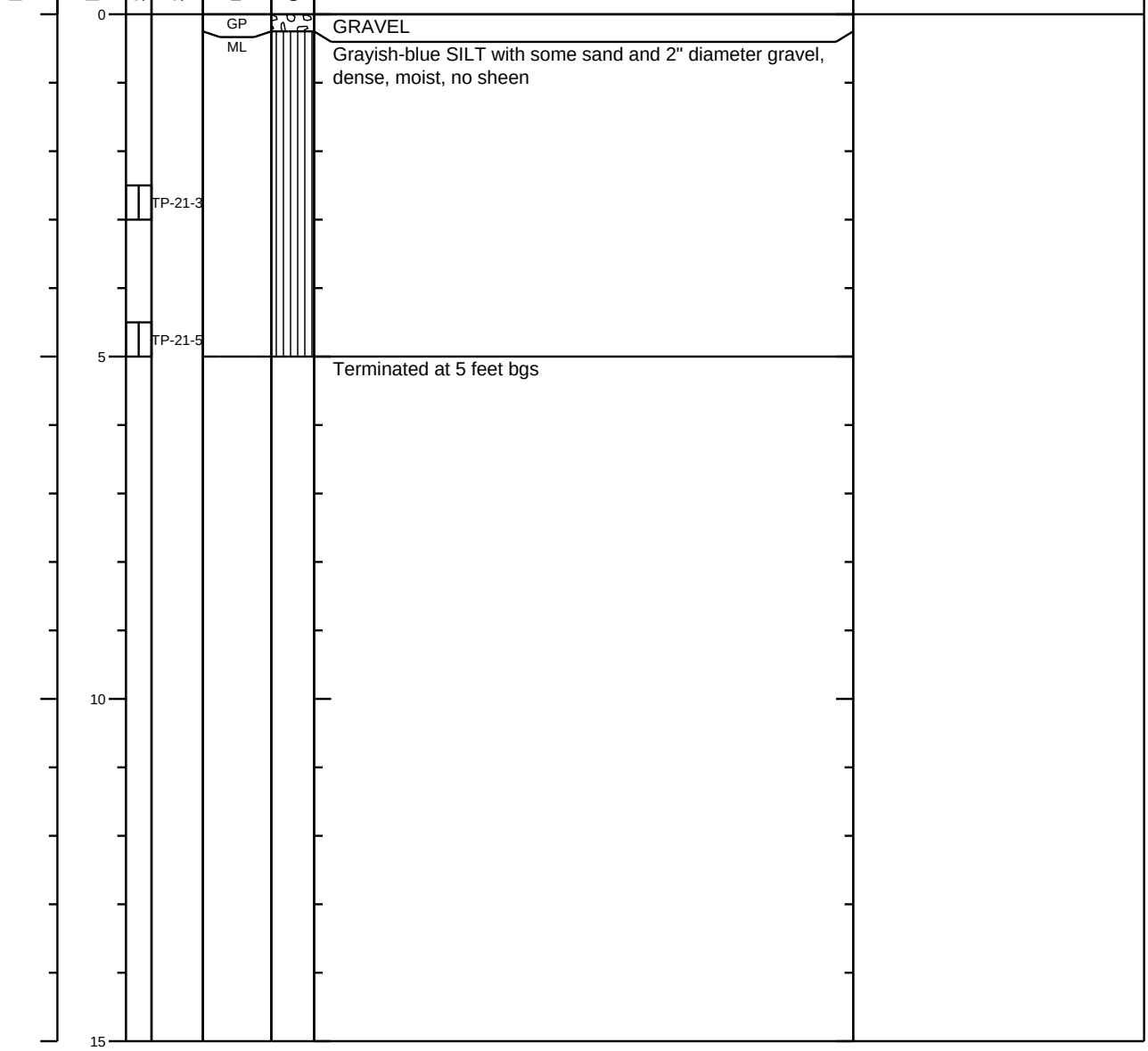
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-21

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



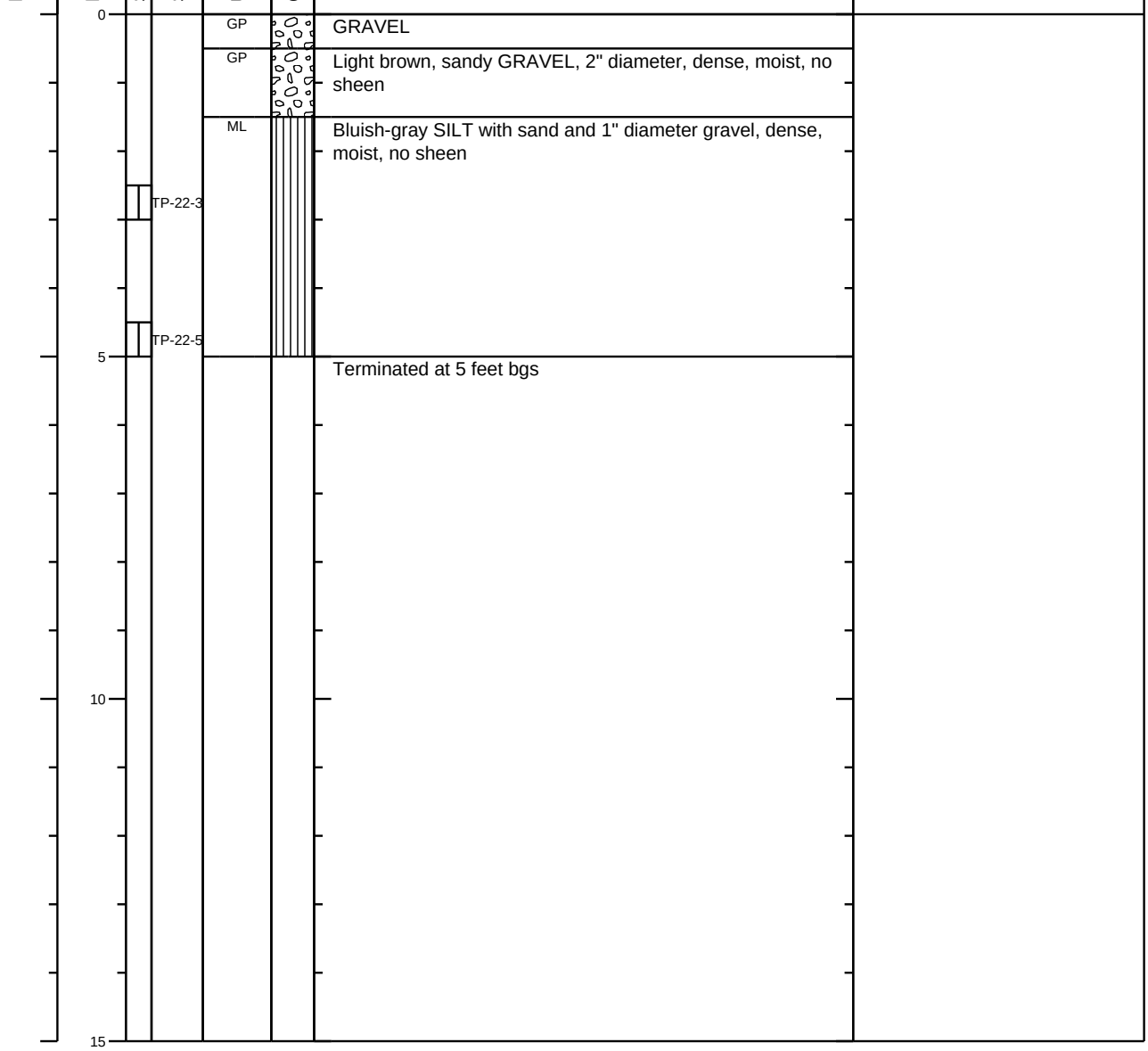
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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-22

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Gravel**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	



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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-23

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Soil**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **1.5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **1.5 feet bgs**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0		TP-23-1	GM		Black, SILTY GRAVEL with asphalt, loose, wet, no sheen	
						Terminated at 1.5 feet bgs	
	5						
	10						
	15						

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-24

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Soil**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **1.5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			SM		Black, SILTY SAND with 2" diameter gravel, loose, wet, no sheen	
						Terminated at 1.5 feet bgs	
	5						
	10						
	15						

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-25

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Soil**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **6.5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **4' bgs**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			GP		Light brown, sandy GRAVEL, loose, moist, no sheen	
			TP-25-3	GP		Black, sandy GRAVEL with silt and asphalt, dense, moist to wet	
	5		TP-25-5	ML		Bluish-gray SILT, dense, moist, no sheen	
			TP-25-6			Terminated at 6.5 feet bgs	
	10						
	15						

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-26

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Soil**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **5.5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **Not Encountered ATD**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			GP		Light brown, sandy GRAVEL, dense, moist, no sheen	
				GM		Black, SILTY GRAVEL, dense, moist, no sheen	
			TP-26-4	ML		Bluish-gray SILT with gravel, dense, moist, no sheen	
	5					Terminated at 5.5 feet bgs	
	10						
	15						

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Pit No.: TP-27

Sheet 1 of 1

Date(s) Excavated: **05/09/12**	Logged By **SL**	Surface Conditions: **Soil**
Excavation Method: **Track Hoe**	Bucket Size: **18"**	Total Depth of Excavation: **4.5 feet bgs**
Excavator Type: **John Deere 27D**	Excavating Contractor: **RGI**	Approximate Surface Elevation **n/a**
Groundwater Level and Date Measured **2' bgs**	Sampling Method(s) **Grab**	Hammer Data **n/a**
Test Pit Backfill: **n/a**	Location **188th Avenue Northeast, Redmond, Washington 98052**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			GP		Light brown, sandy GRAVEL with concrete and rope debris, dense, moist to wet, no sheen	
			TP-27-2				
			TP-27-3				
	5					Terminated at 4.5 feet bgs	
	10						
	15						

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Key to Logs

Sheet 1 of 1

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
1	2	3	4	5	6	7	8

COLUMN DESCRIPTIONS

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3. Sample Type: Type of soil sample collected at the depth interval shown.
4. Sample Number: Sample identification number.
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PI: Plasticity Index, percent
SA: Sieve analysis (percent passing No. 200 Sieve)
UC: Unconfined compressive strength test, Qu, in ksf
WA: Wash sieve (percent passing No. 200 Sieve)

MATERIAL GRAPHIC SYMBOLS


Silty GRAVEL (GM)


Poorly graded GRAVEL (GP)


SILT, SILT w/SAND, SANDY SILT (ML)


Silty SAND (SM)

TYPICAL SAMPLER GRAPHIC SYMBOLS


Shelby Tube (Thin-walled, fixed head)


Auger sampler


Bulk Sample


3-inch-OD California w/ brass rings


CME Sampler


Continuous Core Sampler


Grab Sample


2.5-inch-OD Modified California w/ brass liners


Pitcher Sample


2-inch-OD unlined split spoon (SPT)


Shelby Tube (Thin-walled, fixed head)

OTHER GRAPHIC SYMBOLS


Water level (at time of drilling, ATD)


Water level (after waiting)


Minor change in material properties within a stratum

Inferred/gradational contact between strata

Queried contact between strata

GENERAL NOTES

1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011
1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-1**

Sheet 1 of 1

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **11 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	GRAVEL with asphalt	
						Gray to greenish-gray CLAY, soft to very stiff, dry, no sheen	
0.0	PB-1-2						
0.0	PB-1-4				5		
0.0	PB-1-6						
0.0	PB-1-8						
						No recovery	
					10		
						Refusal at 11 feet bgs	
					15		
					20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-2**

Sheet 1 of 2

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **24 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION
					0	GRAVEL
						No recovery
0.0	PB-2-4					
					5	Fine, CLAYEY SAND, wet, no sheen
0.0	PB-2-6					
						Dark brown, sandy GRAVEL
0.0	PB-2-8					
						Gray CLAY, soft, wet
0.0	PB-2-10				10	
						Dark gray CLAY, medium stiff, dry, no sheen
0.0	PB-2-12					
						Dark gray, sandy CLAY, soft, no sheen
0.0						
					15	Dark gray CLAY, soft, moist, no sheen
0.0	PB-2-16					
	PB-2-17					Dark gray, sandy CLAY, wet, no sheen
						Gray with 1" black lense CLAY with 0.5" to 1" diameter gravel, soft, slight odor at 20' bgs
3.2	PB-2-20				20	

Graphic Log

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1838 South Washington Street, Kennewick, WA 99337

Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-2**

Sheet 2 of 2

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
0.0	PB-2-24				20	Gray with 1" black lense CLAY with 0.5" to 1" diameter gravel, soft, slight odor at 20' bgs	
						Terminated at 24 feet bgs	
					25		
					30		
					35		
					40		
					45		
					50		
					55		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-3**

Sheet 1 of 1

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **6 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **0.0**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	GRAVEL	
						Blackish-brown, gravelly SAND, loose, moist	
						Brown CLAY, soft, no sheen	
0.0	PB-3-2					Brown, sandy GRAVEL, 0.5" to 1.5" in diameter, loose	
						Gray CLAY, medium stiff, no sheen	
0.0	PB-3-4					Gray, sandy GRAVEL, dry, no sheen	
					5		
0.0	PB-3-6					Refusal at 6 feet bgs	
					10		
					15		
					20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-7**

Sheet 1 of 1

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **4 feet bgs**
Drill Rig Type: **Limited Access Rig**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	GRAVEL	
0.0	PB-7-1					Brownish-gray, 0.5" to 1" diameter gravelly SAND, wet, no sheen	
						Brown, SILTY SAND with some clay, medium plasticity, no sheen	
0.0	PB-7-3					Brown, 0.5" to 1" diameter gravelly SAND, soft, no sheen	
0.0	PB-7-4					Refusal at 4 feet bgs	
					5		
					10		
					15		
					20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-8**

Sheet 1 of 2

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **24 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	Brown, medium sandy GRAVEL, wet, no sheen	
0.0	PB-8-2						
						Light brown, sandy GRAVEL, loose, no sheen	
0.0	PB-8-4						
						Brown, sandy GRAVEL, wet	
0.0	PB-8-6				5		
						Gray CLAY, soft, moist, no sheen	
0.0	PB-8-8						
						Gray, sandy GRAVEL with clay, 0.5" to 1" in diameter, wet, no sheen	
					10		
0.0	PB-8-12						
						No recovery	
					15		
0.0	PB-8-16						
						Dark gray CLAY, high plasticity, soft	
						Organic debris (PEAT)	
0.0	PB-8-20				20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-8**
Sheet 2 of 2

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					20	No recovery	
					25	Terminated at 24 feet bgs	
					30		
					35		
					40		
					45		
					50		
					55		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-9**

Sheet 1 of 1

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel/Marsh**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **9.5 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	Brownish-gray, fine sandy GRAVEL, 0.5" to 1" in diameter, no sheen	
0.0	PB-9-2						
						Gray to brown, medium SAND, moist to wet, no sheen	
0.0	PB-9-4						
	PB-9-5				5		
	PB-9-6					Gray, SILTY SAND, moist	
						Dark brownish-black, gravelly SAND, dense	
						Gray CLAY, very stiff	
	PB-9-8					Greenish-blue CLAY, dry	
						Refusal at 9.5 feet bgs	
					10		
					15		
					20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-10**

Sheet 1 of 1

Date(s) Drilled: **05/11/12**	Logged By: **BP**	Surface Conditions: **Gravel/Marsh**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **5 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	Brown, silty organics (PEAT), wet, no sheen	
	PB-10-2					Brownish-gray, sandy GRAVEL, dry, no sheen	
	PB-10-4					Brown GRAVEL, 0.25 to 1" in diameter, dry, no sheen	
					5	Terminated at 5 feet bgs	
					10		
					15		
					20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-11**

Sheet 1 of 1

Date(s) Drilled: **05/14/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **14 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	Brown to dark brown, sandy GRAVEL, loose, dry, no sheen	
0.0	PB-11-2						
0.0	PB-11-4						
					5	Light brownish-gray to dark brown, sandy GRAVEL with fines, 0.25" to 1.5" in diameter, loose, no sheen	
0.0	PB-11-6						
0.0	PB-11-8					Gray CLAY, low plasticity, medium stiff to soft, no sheen	
0.0	PB-11-10				10	Gray CLAY, high plasticity, soft	
0.0	PB-11-12					Gray, sandy GRAVEL, no sheen	
						Gray CLAY, soft to medium stiff, no sheen	
0.0	PB-11-14						
						Refusal at 14 feet bgs	
					15		
					20		

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-12**

Sheet 1 of 1

Date(s) Drilled: **05/14/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **19.5 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	Brown GRAVEL, 0.5" to 1" in diameter, no sheen	
0.0	PB-12-2						
						Gray to light brown, sandy GRAVEL, loose, dry, no sheen	
0.0	PB-12-4						
						No recovery	
					5		
					10		
0.0	PB-12-12						
						Gray CLAY with 0.25" to 0.5" diameter gravel, medium plasticity, medium stiff, dry, no sheen	
	PB-12-16				15		
0.0	PB-12-19						
					20	Refusal at 19.5 feet bgs	

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Test Probe No.: **PB-13**

Sheet 1 of 1

Date(s) Drilled: **05/14/12**	Logged By: **BP**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **1.5" Diameter**	Total Depth of Borehole: **20 feet bgs**
Drill Rig Type: **Truck Mounted**	Drilling Contractor: **Pacific NW Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level and Date Measured: **Not Encountered ATD**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite Chips**	Location: **188th Avenue Northeast, Redmond, Washington 98052**	

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
					0	Brown to dark brown, sandy GRAVEL with organics, 0.5" to 1" in diameter, no sheen	
0.0	PB-13-2						
0.0	PB-13-4						
						Gray, sandy GRAVEL with fines, moist, no sheen	
					5	Gray, sandy GRAVEL with organics, moist, no sheen	
0.0	PB-13-6						
0.0	PB-13-8					Dark gray to brown, sandy GRAVEL with fines, dry, no sheen	
0.0	PB-13-10				10	Dark brownish-black, sandy GRAVEL, 0.25" to 0.5" in diameter, loose, no sheen	
0.0	PB-13-12					White with some black to dark gray, sandy GRAVEL, 0.5" to 1" in diameter, loose, dry, no sheen	
	PB-13-14						
	PB-13-15				15	No recovery	
					20	Terminated at 20 feet bgs	

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Project Name: **Proposed FedEx Ground Distribution Center**
Project Number: **2012-089C**
Client: **SunCap Property Group**

Boring Log Key

Sheet 1 of 1

PID Reading, ppm	Sample ID	Sample Type	Sampling Resistance, blows/ft	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
1	2	3	4	5	6	7	8

COLUMN DESCRIPTIONS

1. PID Reading, ppm: The reading from a photo-ionization detector, in parts per million.
2. Sample ID: Sample identification number.
3. Sample Type: Type of soil sample collected at the depth interval shown.
4. Sampling Resistance, blows/ft: Number of blows to advance driven sampler one foot (or distance shown) beyond seating interval using the hammer identified on the boring log.
5. GW Depth: Groundwater depth in feet below the ground surface.
6. Depth (feet): Depth in feet below the ground surface.
7. MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.
8. Graphic Log: Graphic depiction of the subsurface material encountered.

FIELD AND LABORATORY TEST ABBREVIATIONS

CHEM: Chemical tests to assess corrosivity
COMP: Compaction test
CONS: One-dimensional consolidation test
LL: Liquid Limit, percent
PI: Plasticity Index, percent
SA: Sieve analysis (percent passing No. 200 Sieve)
UC: Unconfined compressive strength test, Qu, in ksf
WA: Wash sieve (percent passing No. 200 Sieve)

MATERIAL GRAPHIC SYMBOLS

- Lean CLAY, CLAY w/SAND, SANDY CLAY (CL)
- Poorly graded GRAVEL (GP)
- Peat
- Clayey SAND (SC)
- Silty SAND (SM)
- Poorly graded SAND (SP)

TYPICAL SAMPLER GRAPHIC SYMBOLS

- Shelby Tube (Thin-walled, fixed head)
- Auger sampler
- Bulk Sample
- 3-inch-OD California w/ brass rings
- CME Sampler
- Continuous Core Sampler
- Grab Sample
- 2.5-inch-OD Modified California w/ brass liners
- Pitcher Sample
- 2-inch-OD unlined split spoon (SPT)
- Shelby Tube (Thin-walled, fixed head)

OTHER GRAPHIC SYMBOLS

- Water level (at time of drilling, ATD)
- Water level (after waiting)
- Minor change in material properties within a stratum
- Inferred/gradational contact between strata
- Queried contact between strata

GENERAL NOTES

1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

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APPENDIX D
LABORATORY ANALYTICAL REPORTS

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
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3012 16th Avenue West
Seattle, WA 98119-2029
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May 25, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on May 15, 2012 from the 2012-089B, F&BI 205206 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0525R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 15, 2012 by Friedman & Bruya, Inc. from the The Riley Group 2012-089B, F&BI 205206 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
205206-01	MW-1

All quality control requirements were acceptable.

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206
Date Extracted: 05/16/12
Date Analyzed: 05/17/12

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
MW-1 205206-01	<50	<250	91
Method Blank 02-837 MB2	<50	<250	103

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	MW-1	Client:	The Riley Group
Date Received:	05/15/12	Project:	2012-089B, F&BI 205206
Date Extracted:	05/17/12	Lab ID:	205206-01
Date Analyzed:	05/18/12	Data File:	205206-01.050
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	65	60	125
Indium	71	60	125
Holmium	68	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	2.18
Arsenic	1.69
Cadmium	<1
Lead	<1

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205206
Date Extracted:	05/17/12	Lab ID:	I2-322 mb
Date Analyzed:	05/18/12	Data File:	I2-322 mb.048
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	68	60	125
Indium	73	60	125
Holmium	71	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW-1	Client:	The Riley Group
Date Received:	05/15/12	Project:	2012-089B, F&BI 205206
Date Extracted:	05/17/12	Lab ID:	205206-01
Date Analyzed:	05/18/12	Data File:	205206-01.015
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	91	60	125
Indium	80	60	125
Holmium	81	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	50.2
Arsenic	4.55
Cadmium	<1
Lead	5.24

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205206
Date Extracted:	05/17/12	Lab ID:	I2-323 mb
Date Analyzed:	05/18/12	Data File:	I2-323 mb.008
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	97	60	125
Holmium	97	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206
Date Extracted: 05/16/12
Date Analyzed: 05/17/12

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Total Mercury
MW-1 205206-01	<0.1
Method Blank	<0.1

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206
Date Extracted: 05/16/12
Date Analyzed: 05/17/12

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR DISSOLVED MERCURY USING EPA METHOD 1631E

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Dissolved Mercury
MW-1 205206-01	<0.1
Method Blank	<0.1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW-1	Client:	The Riley Group
Date Received:	05/15/12	Project:	2012-089B, F&BI 205206
Date Extracted:	05/17/12	Lab ID:	205206-01
Date Analyzed:	05/17/12	Data File:	051708.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	50	150
Toluene-d8	101	50	150
4-Bromofluorobenzene	97	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205206
Date Extracted:	05/17/12	Lab ID:	02-0789 mb
Date Analyzed:	05/17/12	Data File:	051707.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	50	150
Toluene-d8	99	50	150
4-Bromofluorobenzene	98	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<0.35	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	MW-1	Client:	The Riley Group
Date Received:	05/15/12	Project:	2012-089B, F&BI 205206
Date Extracted:	05/16/12	Lab ID:	205206-01
Date Analyzed:	05/21/12	Data File:	052105.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	102	50	150
Benzo(a)anthracene-d12	108 ca	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205206
Date Extracted:	05/16/12	Lab ID:	02-0838 mb2
Date Analyzed:	05/17/12	Data File:	051716.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	114	50	150
Benzo(a)anthracene-d12	111 ca	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	86	84	63-142	2

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED METALS USING EPA METHOD 200.8

Laboratory Code: 205206-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	ug/L (ppb)	20	2.18	111	112	71-130	1
Arsenic	ug/L (ppb)	10	1.69	93	94	51-167	1
Cadmium	ug/L (ppb)	5	<1	100	102	86-115	2
Lead	ug/L (ppb)	10	<1	89	91	85-115	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	113	80-119
Arsenic	ug/L (ppb)	10	91	81-118
Cadmium	ug/L (ppb)	5	99	86-118
Lead	ug/L (ppb)	10	92	84-120

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 205066-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	ug/L (ppb)	20	2.94	115	114	71-130	1
Arsenic	ug/L (ppb)	10	<1	96	96	51-167	0
Cadmium	ug/L (ppb)	5	<1	100	100	86-115	0
Lead	ug/L (ppb)	10	<1	91	94	85-115	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	103	80-119
Arsenic	ug/L (ppb)	10	100	81-118
Cadmium	ug/L (ppb)	5	101	86-118
Lead	ug/L (ppb)	10	98	84-120

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 205206-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	ug/L (ppb)	0.5	<0.1	94	89	78-124	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	ug/L (ppb)	0.5	96	78-123

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED MERCURY USING EPA METHOD 1631E

Laboratory Code: 205206-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	ug/L (ppb)	0.5	<0.1	97	96	78-124	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	ug/L (ppb)	0.5	91	78-123

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 205206-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	ug/L (ppb)	50	<10	129	50-150
Chloromethane	ug/L (ppb)	50	<10	103	50-150
Vinyl chloride	ug/L (ppb)	50	<0.2	112	50-150
Bromomethane	ug/L (ppb)	50	<1	95	50-150
Chloroethane	ug/L (ppb)	50	<1	96	50-150
Trichlorofluoromethane	ug/L (ppb)	50	<1	104	50-150
Acetone	ug/L (ppb)	250	<10	97	50-150
1,1-Dichloroethene	ug/L (ppb)	50	<1	97	50-150
Methylene chloride	ug/L (ppb)	50	<5	84	50-150
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	<1	98	50-150
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	97	50-150
1,1-Dichloroethane	ug/L (ppb)	50	<1	95	50-150
2,2-Dichloropropane	ug/L (ppb)	50	<1	95	50-150
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	96	50-150
Chloroform	ug/L (ppb)	50	<1	93	50-150
2-Butanone (MEK)	ug/L (ppb)	250	<10	96	50-150
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	97	50-150
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	97	50-150
1,1-Dichloropropene	ug/L (ppb)	50	<1	96	50-150
Carbon tetrachloride	ug/L (ppb)	50	<1	96	50-150
Benzene	ug/L (ppb)	50	<0.35	94	50-150
Trichloroethene	ug/L (ppb)	50	<1	91	50-150
1,2-Dichloropropane	ug/L (ppb)	50	<1	96	50-150
Bromodichloromethane	ug/L (ppb)	50	<1	98	50-150
Dibromomethane	ug/L (ppb)	50	<1	98	50-150
4-Methyl-2-pentanone	ug/L (ppb)	250	<10	99	50-150
cis-1,3-Dichloropropene	ug/L (ppb)	50	<1	100	50-150
Toluene	ug/L (ppb)	50	<1	96	50-150
trans-1,3-Dichloropropene	ug/L (ppb)	50	<1	99	50-150
1,1,2-Trichloroethane	ug/L (ppb)	50	<1	94	50-150
2-Hexanone	ug/L (ppb)	250	<10	101	50-150
1,3-Dichloropropane	ug/L (ppb)	50	<1	97	50-150
Tetrachloroethene	ug/L (ppb)	50	<1	100	50-150
Dibromochloromethane	ug/L (ppb)	50	<1	103	50-150
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	<1	96	50-150
Chlorobenzene	ug/L (ppb)	50	<1	96	50-150
Ethylbenzene	ug/L (ppb)	50	<1	95	50-150
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	<1	98	50-150
m,p-Xylene	ug/L (ppb)	100	<2	97	50-150
o-Xylene	ug/L (ppb)	50	<1	97	50-150
Styrene	ug/L (ppb)	50	<1	97	50-150
Isopropylbenzene	ug/L (ppb)	50	<1	96	50-150
Bromoform	ug/L (ppb)	50	<1	106	50-150
n-Propylbenzene	ug/L (ppb)	50	<1	97	50-150
Bromobenzene	ug/L (ppb)	50	<1	98	50-150
1,3,5-Trimethylbenzene	ug/L (ppb)	50	<1	96	50-150
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	<1	97	50-150
1,2,3-Trichloropropane	ug/L (ppb)	50	<1	95	50-150
2-Chlorotoluene	ug/L (ppb)	50	<1	96	50-150
4-Chlorotoluene	ug/L (ppb)	50	<1	97	50-150
tert-Butylbenzene	ug/L (ppb)	50	<1	95	50-150
1,2,4-Trimethylbenzene	ug/L (ppb)	50	<1	96	50-150
sec-Butylbenzene	ug/L (ppb)	50	<1	94	50-150
p-Isopropyltoluene	ug/L (ppb)	50	<1	96	50-150
1,3-Dichlorobenzene	ug/L (ppb)	50	<1	98	50-150
1,4-Dichlorobenzene	ug/L (ppb)	50	<1	99	50-150
1,2-Dichlorobenzene	ug/L (ppb)	50	<1	99	50-150
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	<10	102	50-150
1,2,4-Trichlorobenzene	ug/L (ppb)	50	<1	96	50-150
Hexachlorobutadiene	ug/L (ppb)	50	<1	88	50-150
Naphthalene	ug/L (ppb)	50	<1	101	50-150
1,2,3-Trichlorobenzene	ug/L (ppb)	50	<1	95	50-150

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	128	128	70-130	0
Chloromethane	ug/L (ppb)	50	109	104	70-130	5
Vinyl chloride	ug/L (ppb)	50	102	101	70-130	1
Bromomethane	ug/L (ppb)	50	101	96	70-130	5
Chloroethane	ug/L (ppb)	50	95	96	70-130	1
Trichlorofluoromethane	ug/L (ppb)	50	99	100	70-130	1
Acetone	ug/L (ppb)	250	95	93	70-130	2
1,1-Dichloroethene	ug/L (ppb)	50	97	94	70-130	3
Methylene chloride	ug/L (ppb)	50	85	81	70-130	5
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	97	96	70-130	1
trans-1,2-Dichloroethene	ug/L (ppb)	50	97	94	70-130	3
1,1-Dichloroethane	ug/L (ppb)	50	93	92	70-130	1
2,2-Dichloropropane	ug/L (ppb)	50	98	96	70-130	2
cis-1,2-Dichloroethene	ug/L (ppb)	50	96	94	70-130	2
Chloroform	ug/L (ppb)	50	94	92	70-130	2
2-Butanone (MEK)	ug/L (ppb)	250	94	94	70-130	0
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	96	95	70-130	1
1,1,1-Trichloroethane	ug/L (ppb)	50	94	95	70-130	1
1,1-Dichloropropene	ug/L (ppb)	50	96	93	70-130	3
Carbon tetrachloride	ug/L (ppb)	50	94	96	70-130	2
Benzene	ug/L (ppb)	50	94	92	70-130	2
Trichloroethene	ug/L (ppb)	50	90	91	70-130	1
1,2-Dichloropropane	ug/L (ppb)	50	95	95	70-130	0
Bromodichloromethane	ug/L (ppb)	50	98	96	70-130	2
Dibromomethane	ug/L (ppb)	50	95	95	70-130	0
4-Methyl-2-pentanone	ug/L (ppb)	250	95	94	70-130	1
cis-1,3-Dichloropropene	ug/L (ppb)	50	98	99	70-130	1
Toluene	ug/L (ppb)	50	97	94	70-130	3
trans-1,3-Dichloropropene	ug/L (ppb)	50	100	99	70-130	1
1,1,2-Trichloroethane	ug/L (ppb)	50	95	94	70-130	1
2-Hexanone	ug/L (ppb)	250	99	98	70-130	1
1,3-Dichloropropane	ug/L (ppb)	50	98	95	70-130	3
Tetrachloroethene	ug/L (ppb)	50	102	99	70-130	3
Dibromochloromethane	ug/L (ppb)	50	100	94	70-130	6
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	97	96	70-130	1
Chlorobenzene	ug/L (ppb)	50	96	95	70-130	1
Ethylbenzene	ug/L (ppb)	50	97	96	70-130	1
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	98	94	70-130	4
m,p-Xylene	ug/L (ppb)	100	98	97	70-130	1
o-Xylene	ug/L (ppb)	50	99	96	70-130	3
Styrene	ug/L (ppb)	50	98	97	70-130	1
Isopropylbenzene	ug/L (ppb)	50	97	97	70-130	0
Bromoform	ug/L (ppb)	50	99	93	70-130	6
n-Propylbenzene	ug/L (ppb)	50	98	98	70-130	0
Bromobenzene	ug/L (ppb)	50	98	96	70-130	2
1,3,5-Trimethylbenzene	ug/L (ppb)	50	98	97	70-130	1
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	95	95	70-130	0
1,2,3-Trichloropropane	ug/L (ppb)	50	94	93	70-130	1
2-Chlorotoluene	ug/L (ppb)	50	97	96	70-130	1
4-Chlorotoluene	ug/L (ppb)	50	98	97	70-130	1
tert-Butylbenzene	ug/L (ppb)	50	95	97	70-130	2
1,2,4-Trimethylbenzene	ug/L (ppb)	50	97	96	70-130	1
sec-Butylbenzene	ug/L (ppb)	50	97	98	70-130	1
p-Isopropyltoluene	ug/L (ppb)	50	99	97	70-130	2
1,3-Dichlorobenzene	ug/L (ppb)	50	99	97	70-130	2
1,4-Dichlorobenzene	ug/L (ppb)	50	98	98	70-130	0
1,2-Dichlorobenzene	ug/L (ppb)	50	98	97	70-130	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	97	99	70-130	2
1,2,4-Trichlorobenzene	ug/L (ppb)	50	100	99	70-130	1
Hexachlorobutadiene	ug/L (ppb)	50	102	102	70-130	0
Naphthalene	ug/L (ppb)	50	101	100	70-130	1
1,2,3-Trichlorobenzene	ug/L (ppb)	50	98	100	70-130	2

Date of Report: 05/25/12
Date Received: 05/15/12
Project: 2012-089B, F&BI 205206

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	ug/L (ppb)	1	106	106	61-109	0
2-Methylnaphthalene	ug/L (ppb)	1	112	106	57-115	6
1-Methylnaphthalene	ug/L (ppb)	1	108	108	64-112	0
Benz(a)anthracene	ug/L (ppb)	1	98	99	55-109	1
Chrysene	ug/L (ppb)	1	106	108	61-118	2
Benzo(b)fluoranthene	ug/L (ppb)	1	112	104	54-121	7
Benzo(k)fluoranthene	ug/L (ppb)	1	101	114	61-119	12
Benzo(a)pyrene	ug/L (ppb)	1	105	106	57-118	1
Indeno(1,2,3-cd)pyrene	ug/L (ppb)	1	108	93	51-135	15
Dibenz(a,h)anthracene	ug/L (ppb)	1	109	105	59-116	4

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

205206

SAMPLE CHAIN OF CUSTODY ME 05/15/12

603/AI2/V1

Page # 1 of 1

Send Report To Tamra Welty
Company The Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell, WA 98011
Phone # 425-415-0551 Fax #

SAMPLERS (signature) Brian Pauly
PROJECT NAME/NO. 2012-089 B
PO#
REMARKS

TURNAROUND TIME
☑ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☑ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: NWTPH-Dx (Ext) TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	cPAHs 8270 SIMS	w/ Naphthalene	MTCA 5 Total	MTCA 5 Dissolved			Notes
MW-1	11	5/14/12	1745	water	12	X			X			X	X	X	X			

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Brian P	Brian Pauly	RGI	5/15/12	1650
Received by:	Matt Lytle	FBInc	5/15/12	1250
Relinquished by:				
Received by:		Samples received at 3 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
e-mail: fbi@isomedia.com

May 30, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on May 16, 2012 from the 2012-089B, F&BI 205234 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0530R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 16, 2012 by Friedman & Bruya, Inc. from the The Riley Group 2012-089B, F&BI 205234 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
205234-01	MW-B

All quality control requirements were acceptable.

Date of Report: 05/30/12
Date Received: 05/16/12
Project: 2012-089B, F&BI 205234
Date Extracted: 05/18/12
Date Analyzed: 05/21/12

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-134)
MW-B 205234-01	<50	<250	70
Method Blank 02-860 MB	<50	<250	83

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW-B	Client:	The Riley Group
Date Received:	05/16/12	Project:	2012-089B, F&BI 205234
Date Extracted:	05/17/12	Lab ID:	205234-01
Date Analyzed:	05/18/12	Data File:	205234-01.018
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	77	60	125
Indium	84	60	125
Holmium	82	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205234
Date Extracted:	05/17/12	Lab ID:	I2-323 mb
Date Analyzed:	05/18/12	Data File:	I2-323 mb.008
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	97	60	125
Holmium	97	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 05/30/12
Date Received: 05/16/12
Project: 2012-089B, F&BI 205234
Date Extracted: 05/17/12
Date Analyzed: 05/23/12

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Total Mercury
MW-B 205234-01	<0.1
Method Blank	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	MW-B	Client:	The Riley Group
Date Received:	05/16/12	Project:	2012-089B, F&BI 205234
Date Extracted:	05/23/12	Lab ID:	205234-01
Date Analyzed:	05/29/12	Data File:	052904.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benzo(a)anthracene-d12	105	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205234
Date Extracted:	05/23/12	Lab ID:	02-0891 mb
Date Analyzed:	05/25/12	Data File:	052512.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	50	150
Benzo(a)anthracene-d12	98	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Date of Report: 05/30/12
Date Received: 05/16/12
Project: 2012-089B, F&BI 205234

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	82	90	58-134	9

Date of Report: 05/30/12
Date Received: 05/16/12
Project: 2012-089B, F&BI 205234

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 205066-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	ug/L (ppb)	20	2.94	115	114	71-130	1
Arsenic	ug/L (ppb)	10	<1	96	96	51-167	0
Cadmium	ug/L (ppb)	5	<1	100	100	86-115	0
Lead	ug/L (ppb)	10	<1	91	94	85-115	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	103	80-119
Arsenic	ug/L (ppb)	10	100	81-118
Cadmium	ug/L (ppb)	5	101	86-118
Lead	ug/L (ppb)	10	98	84-120

Date of Report: 05/30/12
Date Received: 05/16/12
Project: 2012-089B, F&BI 205234

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 205206-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	ug/L (ppb)	0.5	<0.1	94	89	78-124	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	ug/L (ppb)	0.5	96	78-123

Date of Report: 05/30/12
Date Received: 05/16/12
Project: 2012-089B, F&BI 205234

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	ug/L (ppb)	1	88	95	61-109	8
Benz(a)anthracene	ug/L (ppb)	1	90	96	55-109	6
Chrysene	ug/L (ppb)	1	94	102	61-118	8
Benzo(b)fluoranthene	ug/L (ppb)	1	95	105	54-121	10
Benzo(k)fluoranthene	ug/L (ppb)	1	86	103	61-119	18
Benzo(a)pyrene	ug/L (ppb)	1	93	102	57-118	9
Indeno(1,2,3-cd)pyrene	ug/L (ppb)	1	95	104	51-135	9
Dibenz(a,h)anthracene	ug/L (ppb)	1	87	100	59-116	14

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

205234

SAMPLE CHAIN OF CUSTODY

ME 05/16/12 VI/AI3/D03

Page # 1 of 1

Send Report To Tamera Welty
Company The Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # _____ Fax # _____

SAMPLERS (signature) Brian Pauly
PROJECT NAME/NO. 2012 - 089B
PO#
REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH _____
Rush charges authorized by _____

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/Silica gel cleanup TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	cPAHs 8270 SIMS	w/Naphthalene	MTCA 5 Metals Total				Notes
MW-B	01 A-L	5/16/12	1315	H_2O	12	X						X	X	X				
																		Samples received at 7 °C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Brian Pauly	RGI	5/16/12	2:58
Received by:		Rob Bertain	Postal Express	5/16	2:58
Relinquished by:					
Received by:		Matt Layton	FBInc	5/16	1600

FORMS\COC\COC.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
e-mail: fbi@isomedia.com

May 31, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on May 14, 2012 from the 2012-089B, F&BI 205186 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0531R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 14, 2012 by Friedman & Bruya, Inc. from the The Riley Group 2012-089B, F&BI 205186 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
205186-01	MW-2-2.5
205186-02	MW-2-7.5
205186-03	MW-2-12.5
205186-04	MW-2-17.5
205186-05	MW-2-22.5
205186-06	MW-2-27.5
205186-07	MW-2-32.5
205186-08	MW-2-37.5
205186-09	MW-2-42.5
205186-10	MW-2-47.5
205186-11	MW-2-52.5
205186-12	MW-2-57.5
205186-13	MW-2-62.5
205186-14	MW-2-65
205186-15	PB-1-2
205186-16	PB-1-4
205186-17	PB-1-6
205186-18	PB-1-8
205186-19	PB-2-4
205186-20	PB-2-6
205186-21	PB-2-8
205186-22	PB-2-10
205186-23	PB-2-12
205186-24	PB-2-14
205186-25	PB-2-16
205186-26	PB-2-20
205186-27	PB-2-24
205186-28	PB-3-2
205186-29	PB-3-4
205186-30	PB-3-6
205186-31	PB-10-2
205186-32	PB-10-4
205186-33	PB-9-2
205186-34	PB-9-4
205186-35	PB-9-5

CASE NARRATIVE (continued)

Laboratory ID	The Riley Group
205186-36	PB-9-6
205186-37	PB-9-8
205186-38	PB-8-2
205186-39	PB-8-4
205186-40	PB-8-6
205186-41	PB-8-8
205186-42	PB-8-12
205186-43	PB-8-16
205186-44	PB-8-20
205186-45	PB-7-1
205186-46	PB-7-3
205186-47	PB-7-4
205186-48	PB-2-17

The 8270D calibration standard failed the acceptance criteria for several analytes. The data were flagged accordingly. In addition, the benzo(b)fluoranthene laboratory control sample exceeded the acceptance criteria. There was insufficient holding time for reextraction and reanalysis. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 05/31/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205186
Date Extracted: 05/23/12
Date Analyzed: 05/24/12 and 05/25/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
PB-1-2/4/6/8 205186-15-18	<50	<250	106
PB-2-4/6 205186-19-20	83 x	1,000	112
PB-3-2/4/6 205186-28-30	140 x	1,200	106
Method Blank 02-901 MB	<50	<250	115

Analysis For Total Metals By EPA Method 200.8

Client ID:	PB-1-2/4/6/8	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205186
Date Extracted:	05/24/12	Lab ID:	205186-15-18
Date Analyzed:	05/24/12	Data File:	205186-15-18.063
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	102	60	125
Indium	86	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	16.4
Arsenic	4.65
Cadmium	<1
Lead	18.6

Analysis For Total Metals By EPA Method 200.8

Client ID:	PB-2-4/6	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205186
Date Extracted:	05/24/12	Lab ID:	205186-19,20
Date Analyzed:	05/24/12	Data File:	205186-19,20.064
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	99	60	125
Indium	87	60	125
Holmium	88	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	12.9
Arsenic	3.31
Cadmium	<1
Lead	14.7

Analysis For Total Metals By EPA Method 200.8

Client ID:	PB-3-2/4/6	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205186
Date Extracted:	05/24/12	Lab ID:	205186-28-30
Date Analyzed:	05/24/12	Data File:	205186-28-30.065
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	84	60	125
Holmium	86	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	10.7
Arsenic	3.17
Cadmium	<1
Lead	6.34

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205186
Date Extracted:	05/24/12	Lab ID:	I2-337 mb
Date Analyzed:	05/24/12	Data File:	I2-337 mb.018
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	87	60	125
Indium	87	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 05/31/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205186
Date Extracted: 05/24/12
Date Analyzed: 05/30/12

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Total Mercury
PB-1-2/4/6/8 205186-15-18	<0.1
PB-2-4/6 205186-19,20	<0.1
PB-3-2/4/6 205186-28-30	<0.1
Method Blank	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	PB-1-2/4/6/8	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205186
Date Extracted:	05/17/12	Lab ID:	205186-15-18 1/5
Date Analyzed:	05/17/12	Data File:	051713.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	50	150
Benzo(a)anthracene-d12	116 ca	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Benz(a)anthracene	0.10
Chrysene	0.13
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	0.17 jl
Benzo(k)fluoranthene	0.052
Indeno(1,2,3-cd)pyrene	0.13 ca
Dibenz(a,h)anthracene	0.027

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	PB-2-4/6	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205186
Date Extracted:	05/17/12	Lab ID:	205186-19-21 1/5
Date Analyzed:	05/21/12	Data File:	052111.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	100	50	150
Benzo(a)anthracene-d12	123 ca	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Benz(a)anthracene	0.058
Chrysene	0.10
Benzo(a)pyrene	0.094
Benzo(b)fluoranthene	0.16 ca jl
Benzo(k)fluoranthene	0.052
Indeno(1,2,3-cd)pyrene	0.085 ca
Dibenz(a,h)anthracene	0.020

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	PB-3-2/4/6	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205186
Date Extracted:	05/17/12	Lab ID:	205186-28-30 1/5
Date Analyzed:	05/21/12	Data File:	052112.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	99	50	150
Benzo(a)anthracene-d12	121 ca	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Benz(a)anthracene	0.049
Chrysene	0.077
Benzo(a)pyrene	0.074
Benzo(b)fluoranthene	0.13 ca jl
Benzo(k)fluoranthene	0.040
Indeno(1,2,3-cd)pyrene	0.074 ca
Dibenz(a,h)anthracene	0.015

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205186
Date Extracted:	05/17/12	Lab ID:	02-0852 mb 1/5
Date Analyzed:	05/17/12	Data File:	051712.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	102	50	150
Benzo(a)anthracene-d12	116 ca	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 05/31/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205186

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 205187-15 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	160	109	107	63-146	2

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	79-144

Date of Report: 05/31/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205186

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 205187-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	13.2	93 b	94 b	63-120	1 b
Arsenic	mg/kg (ppm)	10	3.60	91 b	88 b	56-125	3 b
Cadmium	mg/kg (ppm)	10	<1	101	102	85-117	1
Lead	mg/kg (ppm)	50	15.8	93 b	92 b	64-139	1 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	102	81-117
Arsenic	mg/kg (ppm)	10	98	79-112
Cadmium	mg/kg (ppm)	10	103	88-114
Lead	mg/kg (ppm)	50	97	83-118

Date of Report: 05/31/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205186

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 205187-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.1	106	99	54-156	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	95	73-131

Date of Report: 05/31/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205186

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: 205186-15-18 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	97	44-129
Benz(a)anthracene	mg/kg (ppm)	0.17	0.10	95 b	23-144
Chrysene	mg/kg (ppm)	0.17	0.13	103 b	45-122
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	0.17	97 b	31-144
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	0.052	100 b	45-130
Benzo(a)pyrene	mg/kg (ppm)	0.17	0.15	103 b	39-128
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	0.13	110 b	28-146
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	0.027	118	46-129

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	100	102	58-121	2
Benz(a)anthracene	mg/kg (ppm)	0.17	98	101	51-115	3
Chrysene	mg/kg (ppm)	0.17	105	107	55-129	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	125 vo	119	56-123	5
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	107	107	54-131	0
Benzo(a)pyrene	mg/kg (ppm)	0.17	104	105	51-118	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	123	122	49-148	1
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	113	113	50-141	0

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

205186

SAMPLE CHAIN OF CUSTODY ME 05/14/12

COS / VS1

Page # 1 of 5

Send Report To Tamara Welty
Company The Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA
Phone # 425 415-0551 Fax #

SAMPLERS (signature) Brian Pauly
PROJECT NAME/NO. 2012-089 B
PO#
REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
MW-2-2.5	01	5/10/12	0845	Soil	1													
MW-2-7.5	02	5/10/12	0900		1													
MW-2-12.5	03	5/10/12	0910		1													
MW-2-17.5	04 A-E	5/10/12	0915		5													
MW-2-22.5	05	5/10/12	0930		1													
MW-2-27.5	06	5/10/12	0945		1													
MW-2-32.5	07	5/10/12	1000		1													
MW-2-37.5	08	5/10/12	1010		1													
MW-2-42.5	09	5/10/12	1020		1													
MW-2-47.5	10	5/10/12	1035	↓	1													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	5/14/12	12:13
Received by:		Kraft Boyston	FBI	5/14/12	1243
Relinquished by:					
Received by:					

Samples received at 9 °C

205186

SAMPLE CHAIN OF CUSTODY

ME 05/14/12 05/VS1

Page # 2 of 5

Send Report To Tamara Welty
Company The Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA
Phone # 425-415-0551 Fax #

SAMPLERS (signature) Brian Parker
PROJECT NAME/NO. 2012-0893 PO#
REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/Silica Gel cleanup TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	cPAHs 8270 SIMS	1-Methylnaphthalene	MTCA Metals				Notes
MW-2-52.5	11	5/10/12	1035	Soil	1													As requested, Sunrise 5/23/12
MW-2-57.5	12	5/10/12	1050		1													
MW-2-62.5	13	5/10/12	1055		1													
MW-2-65	14	5/10/12	1100		1													
PB-1-2	15	5/11/12	0750	Soil	1													
PB-1-4	16		0755		1													
PB-1-6	17		0800		1													Composite
PB-1-8	18		0805		1													
PB-2-4	19		0820		1													
PB-2-6	20		0830		1													composite

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by:	Brian Parker	FRTC	5/14	1208
Relinquished by:				
Received by:				

Samples received at 0 °C

Friedman & Bruya, Inc.
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Seattle, WA 98119-2029
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Fax (206) 283-5044

205186

SAMPLE CHAIN OF CUSTODY ME 05/14/12

05/VSI

Page # 3 of 35

Send Report To Tamera Welty

Company The Riley Group

Address 17522 Bothell Way NE

City, State, ZIP Bothell WA

Phone # 425-415-0551 Fax #

SAMPLERS (signature) Brian Parks

PROJECT NAME/NO. 2012-089 B

PO#

REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: NWTPH-Diesel Extended	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	cPAHs 8270 SIMS	w/ Naphthalene	PAHs Method 5				Notes
PB-2-8	21	5/11/12	0835	Soil	1													As requested by Suncap 5/23/12
PB-2-10	22	"	0840	"	1													
PB-2-12	23		0845		1													
PB-2-14	24		0850		1													
PB-2-16	25		0855		1													
PB-2-20	26 MS		0905		5													
PB-2-24	27		0945		1													
PB-3-2	28		1015		1	X						X	X	X				
PB-3-4	29		1020		1	X						X	X	X				composite
PB-3-6	30		1025		1	X						X	X	X				composite

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMSVCOCCOC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by:	Kurt Leyston	FBI	5/14	1206
Relinquished by:				
Received by:				

Samples received at 0 °C

205186

SAMPLE CHAIN OF CUSTODY

ME 05/14/12

Page # 4 of 5 (05/VSI)

Send Report To Tamara Welty

Company The Riley Group

Address 17522 BOTHELL WAY NE

City, State, ZIP Bothell, WA

Phone # 425-415-055 Fax #

SAMPLERS (signature) Brian Parks

PROJECT NAME/NO. 2012-089B

PO#

REMARKS

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
[redacted] - PB-10-2	31	5/11/12	1045	Soil	1													
PB-10-4	32		1050		1													
PB-9-2	33		1100		1													
PB-9-4	34		1105		1													
PB-9-5	35		1110		1													
PB-9-6	36		1115		1													
PB-9-8	37		1120		1													
PB-8-2	38		1230		1													
PB-8-4	39		1235		1													
PB-8-6	40	↓	1240	↓	1													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by:	Matt Langston	FB Inc	5/14	1206
Relinquished by:				
Received by:		Samples received at 0		°C

205186

SAMPLE CHAIN OF CUSTODY ME 05/14/12

COS/VSI

Page # 4 5 of 5 5

Send Report To Tamara Welty
Company The Riley Group
Address 17522 - Bothell Way NE
City, State, ZIP Bothell WA
Phone # 425-415-0551 Fax #

SAMPLERS (signature) Ben Party
PROJECT NAME/NO. 2012-089B
PO#
REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
PB-B-8	41	5/11/12	1245	Soil	1													
PB-B-12	42		1250		1													
PB-B-16	43		1255		1													
PB-B-20	44		1300		1													
~~PB-B-20~~ PB-7-1	45		1345		1													
PB-7-3	46		1350		1													
PB-7-4	47		1355		1													
PB-2-17	48	5/11/12	0900		1													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Tamara Welty	Tamara Welty	RGI	5/14/12	12:06
Received by:		Matt Langston	FBI	5/14/12	1206
Relinquished by:					
Received by:					

Samples received at 0 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
e-mail: fbi@isomedia.com

June 1, 2012

Tamara Welty, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Ms. Welty:

Included are the results from the testing of material submitted on May 14, 2012 from the 2012-089B, F&BI 205187 project. There are 42 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG0601R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 14, 2012 by Friedman & Bruya, Inc. from the The Riley Group 2012-089B, F&BI 205187 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
205187-01	TP-11-2
205187-02	TP-11-4
205187-03	TP-12-2
205187-04	TP-12-5
205187-05	TP-13-3
205187-06	TP-13-5
205187-07	TP-14-3
205187-08	TP-14-5
205187-09	TP-15-2
205187-10	TP-15-5
205187-11	TP-16-3
205187-12	TP-16-5
205187-13	TP-17-3
205187-14	TP-17-5
205187-15	TP-18-3
205187-16	TP-18-5
205187-17	TP-19-3
205187-18	TP-19-5
205187-19	TP-20-3
205187-20	TP-20-5
205187-21	TP-21-3
205187-22	TP-21-5
205187-23	TP-22-3
205187-24	TP-22-5
205187-25	TP-23-1
205187-26	TP-25-1.5
205187-27	TP-25-3
205187-28	TP-25-5
205187-29	TP-25-6
205187-30	TP-25-6.5
205187-31	TP-26-1.5
205187-32	TP-26-4
205187-33	TP-26-5.5
205187-34	TP-27-2
205187-35	TP-27-3

CASE NARRATIVE (continued)

Laboratory ID	The Riley Group
205187-36	TP-27-4.5
205187-37	TP-24-1.5

The 8270D calibration standard failed the acceptance criteria for benzo(b)fluoranthene for several samples. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187
Date Extracted: 05/23/12
Date Analyzed: 05/25/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
TP-11-2 205187-01	130 x	<250	103
TP-12-2 205187-03	170 x	1,600	104
TP-13-3 205187-05	110 x	<250	105
TP-14-3 205187-07	180 x	1,800	104
TP-15-2 205187-09	<50	<250	105
TP-16-3/5 205187-11-12	<50	<250	111
TP-17-3 205187-13	<50	340	112
TP-17-5 205187-14	<50	<250	103
TP-18-3 205187-15	<50	<250	114
TP-18-5 205187-16	<50	460	102
TP-19-3/5 205187-17-18	<50	<250	118
TP-20-3 205187-19	<50	<250	115

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187
Date Extracted: 05/23/12
Date Analyzed: 05/25/12

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
TP-20-5 205187-20	<50	<250	104
Method Blank 02-901 MB	<50	<250	115

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-11-2	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-01
Date Analyzed:	05/24/12	Data File:	205187-01.044
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	110	60	125
Indium	85	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	19.2
Arsenic	5.90
Cadmium	<1
Lead	29.5

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-12-2	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/22/12	Lab ID:	205187-03
Date Analyzed:	05/22/12	Data File:	205287-03.055
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	99	60	125
Indium	86	60	125
Holmium	90	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	16.3
Arsenic	3.96
Cadmium	<1
Lead	71.9

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-13-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-05
Date Analyzed:	05/24/12	Data File:	205187-05.045
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	103	60	125
Indium	85	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	15.3
Arsenic	5.46
Cadmium	<1
Lead	158

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-14-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-07
Date Analyzed:	05/24/12	Data File:	205187-07.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	92	60	125
Indium	88	60	125
Holmium	91	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	13.2
Arsenic	3.60
Cadmium	<1
Lead	15.8

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-15-2	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-09
Date Analyzed:	05/24/12	Data File:	205187-09.046
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	99	60	125
Indium	83	60	125
Holmium	85	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	14.5
Arsenic	3.68
Cadmium	<1
Lead	20.0

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-16-3/5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-11,12
Date Analyzed:	05/24/12	Data File:	205187-11,12.047
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	99	60	125
Indium	81	60	125
Holmium	86	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	13.2
Arsenic	3.35
Cadmium	<1
Lead	16.9

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-17-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-13
Date Analyzed:	05/24/12	Data File:	205187-13.048
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	99	60	125
Indium	83	60	125
Holmium	86	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	11.8
Arsenic	3.04
Cadmium	<1
Lead	6.31

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-17-5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-14
Date Analyzed:	05/24/12	Data File:	205187-14.053
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	120	60	125
Indium	86	60	125
Holmium	88	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	15.1
Arsenic	4.86
Cadmium	<1
Lead	23.2

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-18-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-15
Date Analyzed:	05/24/12	Data File:	205187-15.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	109	60	125
Indium	86	60	125
Holmium	88	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	10.1
Arsenic	2.05
Cadmium	<1
Lead	7.10

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-18-5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-16
Date Analyzed:	05/24/12	Data File:	205187-16.055
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	104	60	125
Indium	82	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	8.94
Arsenic	2.07
Cadmium	<1
Lead	6.74

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-19-3/5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-17,18
Date Analyzed:	05/24/12	Data File:	205187-17,18.056
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	103	60	125
Indium	87	60	125
Holmium	89	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	11.7
Arsenic	3.97
Cadmium	<1
Lead	5.05

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-20-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-19
Date Analyzed:	05/24/12	Data File:	205187-19.057
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	106	60	125
Indium	83	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	20.3
Arsenic	6.42
Cadmium	<1
Lead	5.51

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP-20-5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	205187-20
Date Analyzed:	05/24/12	Data File:	205187-20.058
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	108	60	125
Indium	83	60	125
Holmium	88	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	22.0
Arsenic	5.12
Cadmium	<1
Lead	5.54

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205187
Date Extracted:	05/22/12	Lab ID:	I2-327 mb
Date Analyzed:	05/22/12	Data File:	I2-327 mb.050
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	100	60	125
Indium	92	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205187
Date Extracted:	05/24/12	Lab ID:	I2-337 mb
Date Analyzed:	05/24/12	Data File:	I2-337 mb.018
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	87	60	125
Indium	87	60	125
Holmium	87	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187
Date Extracted: 05/22/12 and 05/24/12
Date Analyzed: 05/23/12 and 05/30/12

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Total Mercury
TP-11-2 205187-01	<0.1
TP-12-2 205187-03	<0.1
TP-13-3 205187-05	<0.1
TP-14-3 205187-07	<0.1
TP-15-2 205187-09	<0.1
TP-16-3/5 205187-11,12	<0.1
TP-17-3 205187-13	<0.1
TP-17-5 205187-14	<0.1
TP-18-3 205187-15	<0.1
TP-18-5 205187-16	<0.1
TP-19-3/5 205187-17,18	<0.1

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187
Date Extracted: 05/22/12 and 05/24/12
Date Analyzed: 05/23/12 and 05/30/12

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Total Mercury
TP-20-3 205187-19	<0.1
TP-20-5 205187-20	<0.1
Method Blank	<0.1
Method Blank	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-11-2	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-01 1/5
Date Analyzed:	05/31/12	Data File:	053020.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	89	50	150
Benzo(a)anthracene-d12	100	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	0.023
Fluorene	<0.01
Phenanthrene	0.15
Anthracene	0.031
Fluoranthene	0.35
Pyrene	0.44
Benz(a)anthracene	0.27
Chrysene	0.37
Benzo(a)pyrene	0.42
Benzo(b)fluoranthene	0.51
Benzo(k)fluoranthene	0.14
Indeno(1,2,3-cd)pyrene	0.34
Dibenz(a,h)anthracene	0.072
Benzo(g,h,i)perylene	0.32

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-12-2	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-03 1/50
Date Analyzed:	05/31/12	Data File:	053026.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	79 ds	50	150
Benzo(a)anthracene-d12	114 ds	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	0.32
Pyrene	0.35
Benz(a)anthracene	0.22
Chrysene	0.30
Benzo(a)pyrene	0.34
Benzo(b)fluoranthene	0.41
Benzo(k)fluoranthene	0.14
Indeno(1,2,3-cd)pyrene	0.26
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	0.28

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-13-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-05 1/250
Date Analyzed:	05/30/12	Data File:	052929.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	0 ds	50	150
Benzo(a)anthracene-d12	143 ds	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.5
Acenaphthylene	<0.5
Acenaphthene	0.80
Fluorene	<0.5
Phenanthrene	8.0
Anthracene	1.6
Fluoranthene	7.1
Pyrene	17
Benz(a)anthracene	6.8
Chrysene	9.7
Benzo(a)pyrene	9.8
Benzo(b)fluoranthene	7.4
Benzo(k)fluoranthene	2.3
Indeno(1,2,3-cd)pyrene	4.9
Dibenz(a,h)anthracene	1.6
Benzo(g,h,i)perylene	6.4

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-14-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-07 1/50
Date Analyzed:	05/31/12	Data File:	053108.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	76 ds	50	150
Benzo(a)anthracene-d12	114 CA ds	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	0.11
Pyrene	0.13
Benz(a)anthracene	<0.1
Chrysene	0.13
Benzo(a)pyrene	0.094 j
Benzo(b)fluoranthene	0.12 ca
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-15-2	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-09 1/5
Date Analyzed:	05/31/12	Data File:	053021.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	50	150
Benzo(a)anthracene-d12	100	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.054
Anthracene	0.010
Fluoranthene	0.11
Pyrene	0.14
Benz(a)anthracene	0.081
Chrysene	0.11
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.15
Benzo(k)fluoranthene	0.045
Indeno(1,2,3-cd)pyrene	0.10
Dibenz(a,h)anthracene	0.026
Benzo(g,h,i)perylene	0.10

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-16-3/5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-11-12 1/5
Date Analyzed:	05/31/12	Data File:	053018.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benzo(a)anthracene-d12	104	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.017
Anthracene	<0.01
Fluoranthene	0.033
Pyrene	0.039
Benz(a)anthracene	0.021
Chrysene	0.029
Benzo(a)pyrene	0.031
Benzo(b)fluoranthene	0.037
Benzo(k)fluoranthene	0.016
Indeno(1,2,3-cd)pyrene	0.026
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	0.026

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-17-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-13 1/5
Date Analyzed:	05/31/12	Data File:	053022.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benzo(a)anthracene-d12	105	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.027
Anthracene	<0.01
Fluoranthene	0.055
Pyrene	0.076
Benz(a)anthracene	0.041
Chrysene	0.060
Benzo(a)pyrene	0.066
Benzo(b)fluoranthene	0.083
Benzo(k)fluoranthene	0.029
Indeno(1,2,3-cd)pyrene	0.052
Dibenz(a,h)anthracene	0.013
Benzo(g,h,i)perylene	0.057

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-17-5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-14 1/5
Date Analyzed:	05/31/12	Data File:	053024.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	50	150
Benzo(a)anthracene-d12	107	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.076
Anthracene	0.014
Fluoranthene	0.14
Pyrene	0.19
Benz(a)anthracene	0.12
Chrysene	0.16
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.21
Benzo(k)fluoranthene	0.067
Indeno(1,2,3-cd)pyrene	0.12
Dibenz(a,h)anthracene	0.028
Benzo(g,h,i)perylene	0.12

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-18-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-15 1/5
Date Analyzed:	05/31/12	Data File:	053023.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	50	150
Benzo(a)anthracene-d12	104	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.028
Anthracene	0.011
Fluoranthene	0.037
Pyrene	0.055
Benz(a)anthracene	0.048
Chrysene	0.072
Benzo(a)pyrene	0.061
Benzo(b)fluoranthene	0.068
Benzo(k)fluoranthene	0.025
Indeno(1,2,3-cd)pyrene	0.039
Dibenz(a,h)anthracene	0.011
Benzo(g,h,i)perylene	0.041

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-18-5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-16 1/50
Date Analyzed:	05/31/12	Data File:	053105A.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	65 ds	50	150
Benzo(a)anthracene-d12	117 ca ds	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	0.14
Pyrene	0.18
Benz(a)anthracene	0.11
Chrysene	0.17
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.19 ca
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	0.13
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	0.16

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-19-3/5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-17-18 1/5
Date Analyzed:	05/31/12	Data File:	053019.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	84	50	150
Benzo(a)anthracene-d12	101	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.011
Anthracene	<0.01
Fluoranthene	0.017
Pyrene	0.020
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	0.013
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-20-3	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-19 1/5
Date Analyzed:	05/26/12	Data File:	052533.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	50	150
Benzo(a)anthracene-d12	101	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	TP-20-5	Client:	The Riley Group
Date Received:	05/14/12	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	205187-20 1/5
Date Analyzed:	05/29/12	Data File:	052907.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	89	50	150
Benzo(a)anthracene-d12	110 ca	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	NA	Project:	2012-089B, F&BI 205187
Date Extracted:	05/23/12	Lab ID:	02-902 mb 1/5
Date Analyzed:	05/25/12	Data File:	052511.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	50	150
Benzo(a)anthracene-d12	100	35	159

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 205187-15 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	160	109	107	63-146	2

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	79-144

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 205290-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	12.5	78 b	78 b	63-120	0 b
Arsenic	mg/kg (ppm)	10	6.81	90 b	80 b	56-125	12 b
Cadmium	mg/kg (ppm)	10	<1	101	102	85-117	1
Lead	mg/kg (ppm)	50	49.6	74 b	102 b	64-139	32 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	93	81-117
Arsenic	mg/kg (ppm)	10	102	79-112
Cadmium	mg/kg (ppm)	10	101	88-114
Lead	mg/kg (ppm)	50	102	83-118

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 205187-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	13.2	93 b	94 b	63-120	1 b
Arsenic	mg/kg (ppm)	10	3.60	91 b	88 b	56-125	3 b
Cadmium	mg/kg (ppm)	10	<1	101	102	85-117	1
Lead	mg/kg (ppm)	50	15.8	93 b	92 b	64-139	1 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	102	81-117
Arsenic	mg/kg (ppm)	10	98	79-112
Cadmium	mg/kg (ppm)	10	103	88-114
Lead	mg/kg (ppm)	50	97	83-118

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 205290-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.1	101	102	54-156	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	99	73-131

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 205187-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	<0.1	106	99	54-156	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	95	73-131

Date of Report: 06/01/12
Date Received: 05/14/12
Project: 2012-089B, F&BI 205187

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270D SIM

Laboratory Code: 205187-19 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	95	44-129
Acenaphthylene	mg/kg (ppm)	0.17	<0.01	97	52-121
Acenaphthene	mg/kg (ppm)	0.17	<0.01	94	51-123
Fluorene	mg/kg (ppm)	0.17	<0.01	99	37-137
Phenanthrene	mg/kg (ppm)	0.17	<0.01	96	45-124
Anthracene	mg/kg (ppm)	0.17	<0.01	100	32-124
Fluoranthene	mg/kg (ppm)	0.17	<0.01	110	50-125
Pyrene	mg/kg (ppm)	0.17	<0.01	105	41-135
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	95	23-144
Chrysene	mg/kg (ppm)	0.17	<0.01	101	45-122
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.01	113	31-144
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	115	45-130
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	110	39-128
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	125	28-146
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	115	46-129
Benzo(g,h,i)perylene	mg/kg (ppm)	0.17	<0.01	109	37-133

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	96	97	58-121	1
Acenaphthylene	mg/kg (ppm)	0.17	98	102	54-121	4
Acenaphthene	mg/kg (ppm)	0.17	97	93	54-123	4
Fluorene	mg/kg (ppm)	0.17	99	95	56-127	4
Phenanthrene	mg/kg (ppm)	0.17	98	99	55-122	1
Anthracene	mg/kg (ppm)	0.17	94	96	50-120	2
Fluoranthene	mg/kg (ppm)	0.17	105	105	54-129	0
Pyrene	mg/kg (ppm)	0.17	101	101	53-127	0
Benz(a)anthracene	mg/kg (ppm)	0.17	94	93	51-115	1
Chrysene	mg/kg (ppm)	0.17	99	99	55-129	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	101	98	56-123	3
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	105	100	54-131	5
Benzo(a)pyrene	mg/kg (ppm)	0.17	95	95	51-118	0
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	105	106	49-148	1
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	103	103	50-141	0
Benzo(g,h,i)perylene	mg/kg (ppm)	0.17	101	101	52-131	0

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

205187

SAMPLE CHAIN OF CUSTODY ME 05/14/12 COC

Page # 1 of 4

Send Report To Tamara Welty
Company The Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # 425 415-0551 Fax # 425 415-0311

SAMPLERS (signature) Staff
PROJECT NAME/NO. 2012-089 B
PO#
REMARKS

TURNAROUND TIME
☑ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☑ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/silica gel cleanup TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	cPAHs 8270 SIMS	1-Naphthalene	MTCA 5 Metals				Notes
TP-11-2	01	5/9	8:50	Soil	1	X						X	X	X				As requested by Smcap 5/23/12
TP-11-4	02		9:15															
TP-12-2	03		9:35			X						X	X	X				
TP-11-5	04		9:45															
TP-13-3	05		10:15			X						X	X	X				
TP-13-5	06		10:25															
TP-14-~~X~~3	07		11:00			X						X	X	X				
TP-14-5	08		11:10															
TP-15-2	09		11:20			X						X	X	X				
TP-15-5	10	↓	11:30	↓	↓								•					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Tamara Welty	Tamara Welty	R&I	5/14/12	12:08
Received by:	Matt Langston	FB	5/14/12	1208
Relinquished by:				
Received by:		Samples received at		0 °C

205187

SAMPLE CHAIN OF CUSTODY ME 05/14/12

COS 2 of 4

Page # 2 of 4

Send Report To Tamara Welty
Company The Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # 425 415-0551 Fax # 425 415-0311

SAMPLERS (signature) SToy
PROJECT NAME/NO. 2012-089B
PO#
REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: w/ silica gel cleanup TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	cPAHs 8270 SIMS	w/ Naphthalene	HFS Hold				Notes
TP-16-3	11	5/9	11:40	Soil	1	X						X		X				As requested by Suncap 5/23/12
TP-16-5	12		11:50			X						X		X				
TP-17-3	13		12:05			X						X	X	X				
TP-17-5	14		12:15			X						X	X	X				
TP-18-3	15		12:20			X						X	X	X				
TP-18-5	16		12:25			X						X	X	X				
TP-19-3	17		12:45			X						X	X	X				
TP-19-5	18		12:50			X						X	X	X				
TP-20-3	19		1:05			X						X	X	X				
TP-20-5	20		1:15			X						X	X	X				

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3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by:	Matt Langston	FBI	5/14/12	1208
Relinquished by:				
Received by:		Samples received at 0		°C

205187

SAMPLE CHAIN OF CUSTODY ME 05/14/12

Page # 3 of 4 COS

Send Report To Tamara Welty
Company The Riley Group
Address 17932 Bothell Way NE
City, State, ZIP Bothell WA 98011
Phone # _____ Fax # _____

SAMPLERS (signature) [signature]
PROJECT NAME/NO. 2012-089B
PO#
REMARKS

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
TP-21-3	21	5/9	1:30	Soil	1													
TP-21-5	22	"	1:35	"	"													
TP-22-3	23	"	1:50	"	"													
TP-22-5	24	"	1:55	"	"													
TP-23-1	25	"	2:20	"	"													
TP-25-1.5	26	"	3:00	"	"													
TP-25-3	27	"	3:05	"	"													
TP-25-5	28	"	3:15	"	"													
TP-25-6	29	"	3:20	"	"													
TP-25-6.5	30	"	3:25	"	"													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:					
Received by:	[signature]	Matt Layton	FBI	5/14/12	1200
Relinquished by:					
Received by:			Samples received at 0 °C		

205187

SAMPLE CHAIN OF CUSTODY ME 05/14/12

Page # 4 of 4 05

Send Report To Tamara Welty

Company The Riley Group

Address

City, State, ZIP

Phone # Fax #

SAMPLERS (signature)

PROJECT NAME/NO. 2012-089B

PO#

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
TP-26-1.5	31	5/9	3:30	Soil	1													
TP-26-4	32	"	3:35	"	"													
TP-26-5.5	33	"	3:40	"	"													
TP-27-2	34	"	3:50	"	"													
TP-27-3	35	"	3:55	"	"													
TP-27-4.5	36	"	4:00	"	"													
TP-24-1.5	37	5/9/12	2:55	Soil	1													

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:					
Received by:		Matt Laystrom	F B	5/14	1208
Relinquished by:					
Received by:					

Samples received at 0 °C

APPENDIX E
TOXICITY EQUIVALENCY FOR cPAH

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP7-0 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.0025	0.00025
Chrysene	0.01	0.2	0.002
Benzo(a)pyrene	1	0.077	0.077
benzo(b)fluoranthene	0.1	0.11	0.011
benzo(k)fluroanthene	0.1	0.0025	0.00025
Indeno(1,2,3-cd) pyrene	0.1	0.054	0.0054
Dibenz(a,h) anthracene	0.1	0.0025	0.00025
SUM			0.09615

Geo-TP10-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.02	0.002
Chrysene	0.01	0.031	0.00031
Benzo(a)pyrene	1	0.019	0.019
benzo(b)fluoranthene	0.1	0.021	0.0021
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.012	0.0012
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02561

B2-5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.019	0.0019
Chrysene	0.01	0.022	0.00022
Benzo(a)pyrene	1	0.024	0.024
benzo(b)fluoranthene	0.1	0.029	0.0029
benzo(k)fluroanthene	0.1	0.011	0.0011
Indeno(1,2,3-cd) pyrene	0.1	0.018	0.0018
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.03242

B3-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.013	0.0013
Chrysene	0.01	0.016	0.00016
Benzo(a)pyrene	1	0.017	0.017
benzo(b)fluoranthene	0.1	0.02	0.002
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.014	0.0014
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02286

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

B4-10 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.05	0.005
Chrysene	0.01	0.05	0.0005
Benzo(a)pyrene	1	0.1	0.1
benzo(b)fluoranthene	0.1	0.1	0.01
benzo(k)fluroanthene	0.1	0.05	0.005
Indeno(1,2,3-cd) pyrene	0.1	0.05	0.005
Dibenz(a,h) anthracene	0.1	0.05	0.005
SUM			0.1305

B5-5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.014	0.0014
Chrysene	0.01	0.024	0.00024
Benzo(a)pyrene	1	0.021	0.021
benzo(b)fluoranthene	0.1	0.023	0.0023
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.014	0.0014
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02734

TP1-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.45	0.045
Chrysene	0.01	0.53	0.0053
Benzo(a)pyrene	1	0.38	0.38
benzo(b)fluoranthene	0.1	0.47	0.047
benzo(k)fluroanthene	0.1	0.17	0.017
Indeno(1,2,3-cd) pyrene	0.1	0.25	0.025
Dibenz(a,h) anthracene	0.1	0.062	0.0062
SUM			0.5255

TP2-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.015	0.0015
Chrysene	0.01	0.02	0.0002
Benzo(a)pyrene	1	0.022	0.022
benzo(b)fluoranthene	0.1	0.03	0.003
benzo(k)fluroanthene	0.1	0.011	0.0011
Indeno(1,2,3-cd) pyrene	0.1	0.022	0.0022
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.0305

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP3-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.025	0.0025
Chrysene	0.01	0.029	0.00029
Benzo(a)pyrene	1	0.029	0.029
benzo(b)fluoranthene	0.1	0.037	0.0037
benzo(k)fluroanthene	0.1	0.013	0.0013
Indeno(1,2,3-cd) pyrene	0.1	0.024	0.0024
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.03969

TP4-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.025	0.0025
Chrysene	0.01	0.04	0.0004
Benzo(a)pyrene	1	0.034	0.034
benzo(b)fluoranthene	0.1	0.043	0.0043
benzo(k)fluroanthene	0.1	0.013	0.0013
Indeno(1,2,3-cd) pyrene	0.1	0.025	0.0025
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.0455

TP5-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.005	0.0005
Chrysene	0.01	0.012	0.00012
Benzo(a)pyrene	1	0.013	0.013
benzo(b)fluoranthene	0.1	0.014	0.0014
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.01	0.001
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.01702

TP6-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.024	0.0024
Chrysene	0.01	0.032	0.00032
Benzo(a)pyrene	1	0.029	0.029
benzo(b)fluoranthene	0.1	0.04	0.004
benzo(k)fluroanthene	0.1	0.013	0.0013
Indeno(1,2,3-cd) pyrene	0.1	0.025	0.0025
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.04002

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP6-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.18	0.018
Chrysene	0.01	0.22	0.0022
Benzo(a)pyrene	1	0.27	0.27
benzo(b)fluoranthene	0.1	0.31	0.031
benzo(k)fluroanthene	0.1	0.1	0.01
Indeno(1,2,3-cd) pyrene	0.1	0.2	0.02
Dibenz(a,h) anthracene	0.1	0.048	0.0048
SUM			0.356

TP7-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.11	0.011
Chrysene	0.01	0.16	0.0016
Benzo(a)pyrene	1	0.15	0.15
benzo(b)fluoranthene	0.1	0.17	0.017
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.1	0.01
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.1906

TP7-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.037	0.0037
Chrysene	0.01	0.049	0.00049
Benzo(a)pyrene	1	0.048	0.048
benzo(b)fluoranthene	0.1	0.056	0.0056
benzo(k)fluroanthene	0.1	0.016	0.0016
Indeno(1,2,3-cd) pyrene	0.1	0.036	0.0036
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.06349

TP8-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.03	0.003
Chrysene	0.01	0.038	0.00038
Benzo(a)pyrene	1	0.041	0.041
benzo(b)fluoranthene	0.1	0.054	0.0054
benzo(k)fluroanthene	0.1	0.017	0.0017
Indeno(1,2,3-cd) pyrene	0.1	0.033	0.0033
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.05528

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP8-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.015	0.0015
Chrysene	0.01	0.016	0.00016
Benzo(a)pyrene	1	0.015	0.015
benzo(b)fluoranthene	0.1	0.017	0.0017
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.012	0.0012
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.02056

TP9-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.017	0.0017
Chrysene	0.01	0.051	0.00051
Benzo(a)pyrene	1	0.032	0.032
benzo(b)fluoranthene	0.1	0.04	0.004
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.021	0.0021
Dibenz(a,h) anthracene	0.1	0.012	0.0012
SUM			0.04201

TP9-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.063	0.0063
Chrysene	0.01	0.083	0.00083
Benzo(a)pyrene	1	0.097	0.097
benzo(b)fluoranthene	0.1	0.12	0.012
benzo(k)fluroanthene	0.1	0.046	0.0046
Indeno(1,2,3-cd) pyrene	0.1	0.075	0.0075
Dibenz(a,h) anthracene	0.1	0.017	0.0017
SUM			0.12993

TP10-1 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.042	0.0042
Chrysene	0.01	0.075	0.00075
Benzo(a)pyrene	1	0.071	0.071
benzo(b)fluoranthene	0.1	0.082	0.0082
benzo(k)fluroanthene	0.1	0.022	0.0022
Indeno(1,2,3-cd) pyrene	0.1	0.052	0.0052
Dibenz(a,h) anthracene	0.1	0.02	0.002
SUM			0.09355

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP10-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.005	0.0005
Chrysene	0.01	0.013	0.00013
Benzo(a)pyrene	1	0.012	0.012
benzo(b)fluoranthene	0.1	0.012	0.0012
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.005	0.0005
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.01533

B3-5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.016	0.0016
Chrysene	0.01	0.018	0.00018
Benzo(a)pyrene	1	0.015	0.015
benzo(b)fluoranthene	0.1	0.014	0.0014
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.005	0.0005
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.01968

B4-15 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.013	0.0013
Chrysene	0.01	0.016	0.00016
Benzo(a)pyrene	1	0.013	0.013
benzo(b)fluoranthene	0.1	0.016	0.0016
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.011	0.0011
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.01816

B7-5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	1.4	0.14
Chrysene	0.01	1.9	0.019
Benzo(a)pyrene	1	2.2	2.2
benzo(b)fluoranthene	0.1	2.3	0.23
benzo(k)fluroanthene	0.1	0.94	0.094
Indeno(1,2,3-cd) pyrene	0.1	1.6	0.16
Dibenz(a,h) anthracene	0.1	0.44	0.044
SUM			**2.887**

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

B10-7.5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.022	0.0022
Chrysene	0.01	0.029	0.00029
Benzo(a)pyrene	1	0.028	0.028
benzo(b)fluoranthene	0.1	0.031	0.0031
benzo(k)fluroanthene	0.1	0.014	0.0014
Indeno(1,2,3-cd) pyrene	0.1	0.021	0.0021
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.03759

PB-1-2/4/6/8 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.1	0.01
Chrysene	0.01	0.13	0.0013
Benzo(a)pyrene	1	0.15	0.15
benzo(b)fluoranthene	0.1	0.17	0.017
benzo(k)fluroanthene	0.1	0.052	0.0052
Indeno(1,2,3-cd) pyrene	0.1	0.13	0.013
Dibenz(a,h) anthracene	0.1	0.027	0.0027
SUM			0.1992

PB-2-4/6 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.058	0.0058
Chrysene	0.01	0.1	0.001
Benzo(a)pyrene	1	0.094	0.094
benzo(b)fluoranthene	0.1	0.16	0.016
benzo(k)fluroanthene	0.1	0.052	0.0052
Indeno(1,2,3-cd) pyrene	0.1	0.085	0.0085
Dibenz(a,h) anthracene	0.1	0.02	0.002
SUM			0.1325

PB-3-2/4/6 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.049	0.0049
Chrysene	0.01	0.077	0.00077
Benzo(a)pyrene	1	0.074	0.074
benzo(b)fluoranthene	0.1	0.13	0.013
benzo(k)fluroanthene	0.1	0.04	0.004
Indeno(1,2,3-cd) pyrene	0.1	0.074	0.0074
Dibenz(a,h) anthracene	0.1	0.015	0.0015
SUM			0.10557

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP-11-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.27	0.027
Chrysene	0.01	0.37	0.0037
Benzo(a)pyrene	1	0.42	0.42
benzo(b)fluoranthene	0.1	0.51	0.051
benzo(k)fluroanthene	0.1	0.14	0.014
Indeno(1,2,3-cd) pyrene	0.1	0.34	0.034
Dibenz(a,h) anthracene	0.1	0.072	0.0072
SUM			0.5569

TP-12-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.22	0.022
Chrysene	0.01	0.3	0.003
Benzo(a)pyrene	1	0.34	0.34
benzo(b)fluoranthene	0.1	0.41	0.041
benzo(k)fluroanthene	0.1	0.14	0.014
Indeno(1,2,3-cd) pyrene	0.1	0.26	0.026
Dibenz(a,h) anthracene	0.1	0.05	0.005
SUM			0.451

TP-13-3 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	6.8	0.68
Chrysene	0.01	9.7	0.097
Benzo(a)pyrene	1	9.8	9.8
benzo(b)fluoranthene	0.1	7.4	0.74
benzo(k)fluroanthene	0.1	2.3	0.23
Indeno(1,2,3-cd) pyrene	0.1	4.9	0.49
Dibenz(a,h) anthracene	0.1	1.6	0.16
SUM			**12.197**

TP-14-3 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.05	0.005
Chrysene	0.01	0.13	0.0013
Benzo(a)pyrene	1	0.094	0.094
benzo(b)fluoranthene	0.1	0.12	0.012
benzo(k)fluroanthene	0.1	0.05	0.005
Indeno(1,2,3-cd) pyrene	0.1	0.05	0.005
Dibenz(a,h) anthracene	0.1	0.05	0.005
SUM			0.1273

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP-15-2 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.081	0.0081
Chrysene	0.01	0.11	0.0011
Benzo(a)pyrene	1	0.13	0.13
benzo(b)fluoranthene	0.1	0.15	0.015
benzo(k)fluroanthene	0.1	0.045	0.0045
Indeno(1,2,3-cd) pyrene	0.1	0.1	0.01
Dibenz(a,h) anthracene	0.1	0.026	0.0026
SUM			0.1713

TP-16-3/5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.021	0.0021
Chrysene	0.01	0.029	0.00029
Benzo(a)pyrene	1	0.031	0.031
benzo(b)fluoranthene	0.1	0.037	0.0037
benzo(k)fluroanthene	0.1	0.016	0.0016
Indeno(1,2,3-cd) pyrene	0.1	0.026	0.0026
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.04179

TP-17-3 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.041	0.0041
Chrysene	0.01	0.06	0.0006
Benzo(a)pyrene	1	0.066	0.066
benzo(b)fluoranthene	0.1	0.083	0.0083
benzo(k)fluroanthene	0.1	0.029	0.0029
Indeno(1,2,3-cd) pyrene	0.1	0.052	0.0052
Dibenz(a,h) anthracene	0.1	0.013	0.0013
SUM			0.0884

TP-17-5 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.12	0.012
Chrysene	0.01	0.16	0.0016
Benzo(a)pyrene	1	0.16	0.16
benzo(b)fluoranthene	0.1	0.21	0.021
benzo(k)fluroanthene	0.1	0.067	0.0067
Indeno(1,2,3-cd) pyrene	0.1	0.12	0.012
Dibenz(a,h) anthracene	0.1	0.028	0.0028
SUM			0.2161

MTCA Method A Soil Cleanup Levels For Industrial Properties	**2.0**

Appendix E
Toxicity Equivalency for cPAH
Proposed FedEx Ground Facility
188th Avenue Northeast
City of Redmond, Washington 98052
Langan Project No. 731594301

TP-18-3 cPAH	TOX EQ factor	Analytical Result	Toxicity Equivalent
Benzo(a)anthracene	0.1	0.048	0.0048
Chrysene	0.01	0.072	0.00072
Benzo(a)pyrene	1	0.061	0.061
benzo(b)fluoranthene	0.1	0.068	0.0068
benzo(k)fluroanthene	0.1	0.025	0.0025
Indeno(1,2,3-cd) pyrene	0.1	0.039	0.0039
Dibenz(a,h) anthracene	0.1	0.011	0.0011
SUM			0.08082
TP-18-5 cPAH	**TOX EQ factor**	**Analytical Result**	**Toxicity Equivalent**
Benzo(a)anthracene	0.1	0.11	0.011
Chrysene	0.01	0.17	0.0017
Benzo(a)pyrene	1	0.16	0.16
benzo(b)fluoranthene	0.1	0.019	0.0019
benzo(k)fluroanthene	0.1	0.05	0.005
Indeno(1,2,3-cd) pyrene	0.1	0.13	0.013
Dibenz(a,h) anthracene	0.1	0.05	0.005
SUM			0.1976
TP-19-3/5 cPAH	**TOX EQ factor**	**Analytical Result**	**Toxicity Equivalent**
Benzo(a)anthracene	0.1	0.005	0.0005
Chrysene	0.01	0.005	0.00005
Benzo(a)pyrene	1	0.005	0.005
benzo(b)fluoranthene	0.1	0.013	0.0013
benzo(k)fluroanthene	0.1	0.005	0.0005
Indeno(1,2,3-cd) pyrene	0.1	0.005	0.0005
Dibenz(a,h) anthracene	0.1	0.005	0.0005
SUM			0.00835
MTCA Method A Soil Cleanup Levels For Industrial Properties			**2.0**

Notes:

1. The table was created by The Riley Group, Inc. (RGI).
2. cPAH = carcinogenic Polynuclear Aromatic Hydrocarbons.
3. cPAH analytical results are compared to washington state department of ecology toxics cleanup program Model Toxics Control Act (MTCA) method a soil cleanup levels for industrial properties.
4. cPAH Toxicity Equivalency was determine by RGI using WAC 173-340-708 (8).