KEN'S TEXACO REMEDIAL INVESTIGATION REPORT

Prepared for: The Estate of Ken Volland

Project No. 120061 • May 2018 Agency Draft

Aspect CONSULTING

earth + water

KEN'S TEXACO REMEDIAL INVESTIGATION REPORT

Prepared for: The Estate of Ken Volland

Project No. 120061 • May 2018 Agency Draft

Aspect Consulting, LLC

DRAFT

Meilani Lanier-Kamaha'o, LG
Project Geologist
mlkamahao@aspectconsulting.com

DRAFT

DRAFT

Jeremy Porter, PE
Senior Associate Engineer
jporter@aspectconsulting.com

Kirsi Longley, PMP
Senior Environmental Scientist
klongley@aspectconsulting.com

V:\120061 Ken's Texaco\Deliverables\RI\Agency Draft\RI_KensTexaco_Agency Draft_20180502.docx

Contents

1 Introduction 1
1.1 Purpose and Objective 1
1.2 Report Organization 1

2 Summary of Site Conditions 3
2.1 Site Location and Description 3
2.2 Geology 3
2.3 Hydrogeology 4
2.4 Summary of Pre-RI Environmental Investigations and Remedial Actions 4
2.4.1 Initial Investigations (1994-2011) 4
2.4.2 UST Decommissioning and Soil Removal Action (2012) 5
2.4.3 Post-Excavation Action Groundwater Monitoring (2013-2014) 6
2.4.4 Constituents of Potential Concern 7
2.5 Supplemental Site Characterization / Remedial Investigation 9
2.5.1 On-Property Well Installation and Soil Sampling (2014) 9
2.5.2 Off-Property Well Installation and Soil Sampling (2016) 10
2.5.3 Quarterly Groundwater Monitoring (2014-2016) 11
2.5.4 Vapor 12
2.5.5 Data Gaps from Supplemental Investigation 12

3 Conceptual Site Model 13
3.1 Contaminants of Concern 13
3.2 Affected Media 15
3.3 Nature and Extent of Contamination 15
3.3.1 MTCA "Site" Delineation 16
3.3.2 Off-Site Sources 17
3.4 Contaminant Fate and Transport 18
3.5 Potential Receptors and Exposure Assessment 18
3.5.1 Soil Exposure Pathway 19
3.5.2 Groundwater Exposure Pathway 19
3.5.3 Vapor Intrusion Pathway 20
3.6 Terrestrial Ecological Evaluation 20

4 Cleanup Requirements 21
4.1 Remedial Action Objectives 21
4.2 Cleanup Standards 21

4.2.1 Cleanup Levels 21
4.2.2 Points of Compliance 22
4.3 Areas Requiring Remediation 22

5 Next Steps 23

6 References 23

Limitations 24

List of Tables

1 Groundwater Elevation Data

2 Groundwater Monitoring Well Construction Details

3 Summary of Analytical Results for Site COPCs in Existing Soils

4 Summary of Analytical Results for Site COPCs in Groundwater

5 Site COCs for Soil and Groundwater (*in text)*

6 Proposed Site Cleanup Levels *(in text)*

List of Figures

1 Site Location Map

2 Site Plan

3 Historical Facility Plan

4 Groundwater Elevations and Gradient – October 2016 through July 2017

5 Cross-section A-A′ Existing Soil Conditions

6 Cross-section B-B′ Existing Soil Conditions

7a Inferred Lateral Extent of Benzene in Soil Above 15 Feet

7b Inferred Lateral Extent of Gasoline in Soil Above 15 Feet

8a Inferred Lateral Extent of Benzene in Soil Below 15 Feet

8b Inferred Lateral Extent of Gasoline in Soil Below 15 Feet

9 Lateral Extent of Benzene in Groundwater – October 2016 through July 2017

10 Lateral Extent of Gasoline in Groundwater – October 2016 through July 2017

List of Appendices

A UST Decommissioning and Soil Remediation Report, Aspect 2012 (on CD)

B Comprehensive Analytical Data Tables: Soil and Groundwater

C Laboratory Reports and Chains of Custody (on CD)

D Boring Logs

E Groundwater Quality Trend Graphs

F Off-Site Sources Information

G Documentation of Terrestrial Ecological Evaluation

1 Introduction

Aspect Consulting, LLC (Aspect) has prepared this Remedial Investigation (RI) Report for the former Ken's Texaco (the Site) located at 101 East University Way in Ellensburg, Washington (Figure 1). The investigation was conducted for the Estate of Ken Volland (the Client). This document was prepared in general accordance with the requirements of the Washington State Model Toxics Control Act (MTCA) Cleanup Regulation adopted by the Washington State Department of Ecology (Ecology) in Chapter 173-340 of the Washington Administrative Code (WAC). The Site is defined by MTCA as where there is a confirmed release of hazardous substances requiring remedial action. The MTCA Site definition for the former Ken's Texaco Site is presented in Section 3.3.1.

1.1 Purpose and Objective

The Site has been impacted by historical petroleum releases from former gas station operations. The purpose of this report is to document the results of characterization activities and present a conceptual site model for the Site. On behalf of the Client, Aspect registered the Site through Ecology's Voluntary Cleanup Program (VCP) and received approval in February 2016. As part of the VCP application, Aspect requested an opinion from Ecology on the sufficiency of an interim remedial action, consisting of underground storage tank (UST) decommissioning and excavation of petroleum-impacted soil, and the supplemental RI work plan (Aspect 2016). Comments from Ecology were received and discussed via email communication in May and June 2016. Those comments and discussions are incorporated into this revised RI.

Following Ecology's review of this RI, a focused feasibility study (FS) will be developed to evaluate a limited set of remedial action alternatives and propose a cleanup action that meets the requirements of MTCA. The FS will also be submitted to Ecology for review.

Once selected, the details regarding the remedy will be documented in a Cleanup Action Plan (CAP) with the objective of obtaining a No Further Action (NFA) determination for the Site through Ecology's VCP.

1.2 Report Organization

The remaining sections of this report have been organized as follows:

- **Section 2 – Summary of Site Conditions** provides background information including geology, hydrogeology, and a review of the investigations completed.
- **Section 3 – Conceptual Site Model** summarizes contaminants of concern (COCs), affected media, nature and extent of environmental impacts; discusses contaminant fate and transport; and presents an exposure pathway assessment for potential receptors.
- **Section 4 – Cleanup Requirements** establishes Remedial Action Objectives (RAOs), cleanup standards, and summarizes areas requiring remediation.

- **Section 5 – Next Steps**
- **Section 6 – References**

2 Summary of Site Conditions

This section provides a summary of Site conditions, including location and description, environmental setting, geology and hydrogeology. It also documents the most recent data gaps investigation work completed by Aspect.

2.1 Site Location and Description

The Site is located at 101 East University Way in Ellensburg, Washington, as shown on Figure 2. The former Ken's Texaco property (the Property) is approximately 0.4 acre in area, and is bounded to the west by North B Street, to the north by a residential parcel, to the east by a parking lot and a commercial property, and to the south by East University Way. The Property had been an active Texaco branded service station since 1954. Gasoline sales ended in January 2010, when the USTs were registered with Ecology as temporarily closed and awaiting decommissioning. All service station improvements (including USTs) were decommissioned and removed in 2012 as part of the interim remedial action (Aspect, 2012).

Prior to the 2012 demolition, the service station was developed with four gasoline USTs and one heating oil UST, formerly located beneath a concrete pad on the west side of the service station building. A waste oil UST, formerly located to the east of the service station building, was removed in 1993 (Sage, 1994). Other Property improvements included:

- A pump island and canopy with two dispensers located to the south of the service station building, between the building and East University Way; and
- A three-bay automotive service building with a small attached office. The service bays included two hydraulic cylinder lifts.

A facility plan with details showing the pre-demolition and pre-remediation layout is included on Figure 3.

The Property is currently used as a gravel parking lot and during the winter months as a snow storage area for the City of Ellensburg.

2.2 Geology

Site soil consists of a mixture of fill and native soils. Fill areas are generally sand and gravel and are present in the former UST basin areas.

According to the Washington Interactive Geologic Map, provided by the Washington State Department of Natural Resources (DNR), the Site and vicinity are underlain by Quaternary alluvium and Pleistocene alpine glacial drift (DNR, 2010; accessed 2017). Locally the alluvium is terraced, includes volcanoclastic and tephra deposits, and is up to hundreds of feet thick. The alluvium is underlain by the Miocene-age Ellensburg formation, composed of weakly to moderately indurated fluvial and laharic deposits (Bentley and Campbell, DNR, 1983). During drilling efforts in 2013, 2014, and 2016,

Aspect characterized the Site's native soils as silty and sandy gravels interbedded with sandy and gravelly silts or silty sands consistent with alluvial and terrace deposits.

2.3 Hydrogeology

Groundwater is present at the Site in unconsolidated sands and gravel. Based on drilling, test pits, and groundwater monitoring, conducted between 2013 to 2017 estimated groundwater depths range seasonally from approximately 10 to 20 feet below ground surface (bgs). The Kittitas Valley, in which the Site is located, has a rich history of agricultural irrigation dating back to the late 19th century and early 20th century (Kittitas Reclamation District, undated). Irrigation practices in the Valley influence shallow groundwater levels such that water levels rise during the early spring and fluctuate through the summer (Gray & Osborne, Inc., 2015). Groundwater levels are thus influenced by both precipitation and irrigation practices. Flood irrigation, once widely used, has given way to drip irrigation being the predominant irrigation practice. This change likely resulted in a decrease in the degree to which seasonal groundwater levels fluctuate naturally.

Nearby surface water bodies include Wilson Creek, located 2,000 feet to the east of the Site, and Mercer Creek, located 1,700 feet to the west of the Site. Both creeks drain in a southwesterly direction towards the Yakima River. Regional groundwater flow in the Ellensburg area is expected to be to the south or southwest, toward the Yakima River. The groundwater table is relatively flat beneath the Site with a flow gradient ranging from approximately 0.005 feet per foot to 0.007 feet per foot toward the southwest. The April 2017 groundwater gradient includes a northwest component, possibly related to a seasonal shift either in precipitation, or local or regional irrigation practices. Groundwater elevations are documented in Table 1 and interpreted gradients are presented on Figure 4.

2.4 Summary of Pre-RI Environmental Investigations and Remedial Actions

Soil and groundwater at the Site were impacted by releases from the former UST system and historical operation of the Property as a service station. This section discusses the investigations and remedial actions that were performed prior to the RI to characterize and remediate residual soil and groundwater impacts at the Site. Copies of the previous investigations are included in Appendix A.

2.4.1 Initial Investigations (1994-2011)

Initial UST investigations were completed in 1994 by Sage Earth Services, Inc. (Sage) and in 2006 by Engineering and Environmental (PBS). The waste oil investigation conducted in 1994 detected total recoverable petroleum hydrocarbons in soil that were presumed to exceed cleanup levels. The specific range of hydrocarbons were not analyzed in 1994. The 2006 initial investigation identified the presence of total petroleum hydrocarbons (TPH) in the gasoline-range, and other fuel-related compounds, including benzene, in soil at the Site at concentrations above current MTCA Method A cleanup levels for unrestricted land use. Oil-range TPH was also observed in select samples in

2006, but at concentrations below cleanup levels. The affected soil was documented to the south and west of the USTs (which were in place at the time of these initial investigations), beneath the service station building, and to the east of the service station building near the former waste oil UST. Groundwater was not encountered during either of these investigations. Following the limited site assessment performed by PBS in 2006, property owner, Mr. Ken Volland, notified Ecology of a release of gasoline and waste oil from the UST system that was still in place at that time.

Between 2008 and 2011 Aspect conducted additional groundwater and soil quality assessments. Groundwater monitoring wells MW-1 through MW-3 were installed, soil boring MW-4 was drilled (no well installed), and test pits were excavated to confirm the presence of TPH in groundwater and to further bound the impacted soil on the Site. The soil and groundwater results from the investigations between 2008 and 2011 confirmed the presence of gasoline-range TPH and benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds at concentrations exceeding MTCA Method A cleanup levels for unrestricted land use. These results were used to plan the interim remedial action involving UST decommissioning and impacted soil excavation, conducted in 2012.

2.4.2 UST Decommissioning and Soil Removal Action (2012)

In preparation for UST decommissioning and the interim soil removal, monitoring wells MW-2 and MW-3 were decommissioned using a licensed drilling contractor. Monitoring well MW-1 was not decommissioned because it was located outside of the footprint of the planned excavation. From April 14 through May 18, 2012 Aspect conducted interim remedial action that included building demolition, UST decommissioning, hydraulic lift removal, and excavation of the soil with concentrations of gasoline-related constituents of potential concern above MTCA Method A cleanup levels. In accordance with current model remedy guidance, the focus of this remedial action was to remove the source material (e.g., existing infrastructure and impacted soil) to the extent practicable and protect the direct contact and soil to groundwater pathways.

The excavation was conducted in a phased approach using the slot trenching method. This was executed by excavating a single trench at a time, removing impacted soils to depth, placement of a thin layer of Oxygen Releasing Compound® in the excavation bottom using the excavator bucket, followed by backfill. Then the contractor stepped over and began excavation of the next trench. Excavation was completed to between 20 and 26 feet bgs and nearly 7,000 tons of impacted soils were removed for off-site disposal.

Sidewall and bottom confirmation samples were collected during excavation to document soil conditions left in place. Cross-sections bisecting the Site show the extent of excavation and select soil results and are presented as Figures 5 and 6. Confirmation sample results are summarized in a table presented in Appendix B. During the interim remedial action, residual soil and groundwater impacts were identified extending beyond the feasible vertical and horizontal extent of the excavation. TPH in the gasoline- and/or diesel- ranges exceeded MTCA Method A cleanup levels included six sidewall confirmation samples where further lateral excavation was infeasible, and two floor confirmation samples where over-excavation was impractical. BTEX compounds exceeding MTCA Method A cleanup levels were observed in four sidewall confirmation samples and 18 floor confirmation samples. Of the 24 confirmation samples noted above, three also had detections of

naphthalene above MTCA Method A cleanup levels. Historical soil results for soils that remain in place are presented in a table in Appendix B.

Excavation backfilling was conducted in phases as the excavation progressed. Clean overburden was used first during backfill followed by imported granular fill material. Generally clean overburden material was placed in the deeper portions of the excavation and imported material in the upper portions. All backfill material was placed in lifts and compacted. The finished grade included 6 inches of compacted, crushed gravel. Additional details of the demolition, decommissioning, and soil excavation are documented in Aspect's *UST Decommissioning and Soil Remediation Report* (Aspect, 2012).

2.4.3 Post-Excavation Action Groundwater Monitoring (2013-2014)

Monitoring wells MW-7, MW-8, and MW-10 through MW-12 and soil borings MW-5, MW-6, and MW-9 were installed using hollow stem auger methods from February 4 through 7, 2013. The monitoring wells were installed to monitor the attenuation of groundwater after implementing the 2012 soil removal action. These wells were completed to depths ranging from 23.5 to 30 feet bgs. Soil borings were completed to depth ranging from 6 to 17 feet bgs. Soils encountered during drilling generally consisted of silty and sandy gravels interbedded with sandy and gravelly silts or silty sands. A 5-foot flight of auger became stuck at approximately 17 feet bgs in MW-9. The drilling contractor was unable to remove the auger from the boring and it was left in-place. The borehole was backfilled with bentonite hydrated in place.

Monitoring wells were constructed of 2-inch-diameter schedule 40 PVC with 10 feet of 0.010-inch slotted screen. Groundwater was encountered during drilling at depths of between 14 and 18 feet bgs. The monitoring wells MW-8, MW-11, and MW-12 are screened from 10 to 25 feet bgs; MW-7 is screened from 8.5 to 23.5 feet bgs; and MW-10 is screened from 7 to 22 feet bgs. The monitoring wells are located within or near the excavation limits. Monitoring wells MW-7 and MW-8 are near the south border of the Property, south of historical UST and associated infrastructure. Monitoring wells MW-10 and MW-11 are located near the middle of the Property. Monitoring well MW-12 is located to the northeast of the former building, and UST and associated infrastructure. Well construction information is presented in Table 2 and documented on the boring logs. All monitoring wells were developed by purging and surging until 10 casing volumes were removed.

The results from this investigation have not previously been presented in a report—further details on the findings are summarized below.

2.4.3.1 Soil Analytical Results

Soil samples were collected at 2.5-foot intervals using a standard penetration test (SPT) driven by an auto hammer. All soils were field-screened with a photoionization detector (PID) and soil descriptions were documented in general accordance with American Society for Testing and Materials (ASTM) method D2488-84, *Standard Method for Description and Identification of Soils (Visual/Manual Procedure)*. PID readings, lithology, sample recovery and other details are included in the boring logs presented in Appendix D.

A total of nine soil samples were collected for laboratory analysis and submitted to Friedman and Bruya Inc (Friedman and Bruya). Table 3 presents a summary of detected compounds in soil, while the table in Appendix B presents a comprehensive tabulation of all results for existing Site soils. Laboratory reports, including chain of custody documentation are presented in Appendix C. MW-11, installed within the excavation area had a concentration of gasoline-range TPH of 1,600 mg/kg and benzene of 0.12 mg/kg. It is suspected that MW-11 was advanced through a wedge of impacted material unintentionally left in place during the 2012 removal action.

2.4.3.2 Groundwater Analytical Results

In addition to the pre-existing MW-1, MW-7 through MW-12 were monitored quarterly through May 2014. Table 4 presents a summary of detected compounds in groundwater, while the table in Appendix B presents a comprehensive tabulation of all groundwater results prior to the-2012 soil removal action. Results of the on-Property groundwater monitoring indicated that groundwater impacts remained, likely due to impacted soil that remained beyond the feasible extent of the excavation. Aspect recommended conducting a supplemental site characterization to delineate extent of COPCs in groundwater and associated soils and to formally delineate the Site.

2.4.4 Constituents of Potential Concern

MTCA requires sites with petroleum releases to conduct analytical testing for a prescribed set of constituents of potential concern (COPCs) set forth in WAC 173-340-900 Table 830-1. The former Ken's Texaco had both gasoline USTs and a waste oil UST, so it was subject to screening of all COPCs in Table 830-1. The following is a discussion of when the Table 830-1 constituents were screened during previous investigations and the rationale behind the determination of COPCs for the Site:

- TPH: Gasoline-, diesel-, and oil-range TPH have been individually quantified in soil samples since the 2006 initial UST investigation (PBS, 2006). Gasoline- and oil-range TPH have been detected in soil and groundwater samples since the initial 2006 investigation and have continued to be detected in soil and groundwater since the 2012 soil removal action and thus were retained as COPCs for the RI.

  Diesel-range TPH was only detected in soil from MW-3 during Aspect's 2008 monitoring well installation event. Diesel concentrations in soil were below MTCA Method A cleanup levels and qualified by the laboratory as not having a pattern of peaks on the chromatograph indicative of diesel-range TPH. The area around MW-3 where these qualified diesel detections were found was subsequently excavated during the UST decommissioning and soil removal action and diesel-range TPH has not been detected in soil since 2012. Diesel-range TPH has been detected in groundwater samples from select wells at concentrations exceeding MTCA Method A cleanup levels. Similar to the soil detections, the majority of the groundwater detections were qualified by the laboratory as not having a pattern of peaks on the chromatograph indicative of diesel-range TPH. Diesel-range TPH was retained as a COPC for the RI.

Heavy oil-range TPH was analyzed in confirmation soil samples collected during the soil removal action in 2012. Heavy oil-range TPH was only detected in three of the 16 confirmation soil samples collected near the former waste oil tank and only one of those samples had a concentration above MTCA Method A cleanup levels. Heavy oil-range TPH was only detected in groundwater prior to the soil removal action adjacent to the former waste oil tank. Only one exceedance of the cleanup level was identified and the majority of samples did not detect heavy oil-range TPH above the laboratory practical quantitation limit. Heavy oil-range TPH was conservatively carried forward as a COPC in the RI for the area near the former waste oil tank.

- Volatile Petroleum Compounds: Soil samples were analyzed for BTEX compounds beginning during the 2006 UST investigation. Benzene, ethylbenzene, and total xylenes have been detected in soil at concentrations exceeding MTCA Method A cleanup levels. In groundwater, only benzene has been detected exceeding MTCA Method A cleanup levels. BTEX were carried through the RI as COPCs.

  N-hexane was not included in soil or groundwater analysis prior to or during the 2012 soil removal action. Therefore, n-hexane was retained as a COPC for the RI.

- Fuel Additives and Blending Compounds: EDB, EDC, and methyl tert butyl ether (MTBE) were not included in soil analysis prior to or during the 2012 soil removal action. These fuel additive compounds were selectively included as analytes in groundwater monitoring events in 2008 (former MW-3 within the source area) and 2010 (MW-1), but were not detected above laboratory practical quantitation limits. These compounds were carried forward as COPCs into the RI to evaluate their potential presence at more sample locations across the Site.

  Lead was analyzed during waste oil decommissioning and the initial 2006 UST investigation. Lead was detected in select samples, but at concentrations below MTCA Method A cleanup levels. Lead was retained as a COPC for the RI.

- Other Petroleum Components: Soil samples collected from MW-11 and MW-12 (advanced adjacent and downgradient from the former waste oil tank) were analyzed for carcinogenic polycyclic aromatic hydrocarbons (cPAHs), which were not detected above the laboratory quantitation limit. Since cPAHs were not detected in soil adjacent and downgradient from the former waste oil tank, it is presumed that the release from the waste oil tank was remediated during the soil removal action in 2012. The predominant release at the Site was from gasoline USTs. cPAHs are not associated with gasoline and assessment of this analyte is not required for gasoline impacted site characterization as per WAC 173-340-900 Table 830-1. Therefore, cPAHs were not retained as a COPC for the RI.

  Naphthalene has been analyzed in all soil samples collected at the Site since 2012 and largely has not been detected above laboratory practical quantitation limits. However, select soil samples have had detectable concentrations of naphthalene exceeding MTCA Method A cleanup levels. Naphthalene was retained as a COPC for the RI.

- Other Compounds: Polychlorinated biphenyls (PCBs) were analyzed in impacted soil collected during the 1994 removal of the waste-oil tank by Sage Environmental. PCBs were not detected in waste oil-affected soils and are not reasonably suspected to be present anywhere else at the Site. This former waste oil-tank area was further remediated after the UST removal, so PCBs were not retained as a COPC for the RI.

  Highly volatile organic compounds (HVOCs) were not detected above laboratory quantitation limits in soil confirmation samples collected during the soil removal action in the vicinity of the former waste oil tank. Therefore, HVOCs were not carried forward as COPCs for the RI.

The COPCs carried forward for evaluation during the RI included: gasoline-, diesel-, and oil-range TPHs, BTEX, EDC, EDB, n-hexane, lead, MTBE, and naphthalene. Screening of the remaining COPCs for evaluation as primary COCs is discussed in Section 3.1.

2.5 Supplemental Site Characterization / Remedial Investigation

Upon reviewing quarterly groundwater monitoring data from 2013, it was determined that additional site characterization was warranted to bound the horizontal extent of COPCs in groundwater. The scope of the supplemental characterization (also referred to as the RI) included:

- Installation of nine additional monitoring wells;
- Advancement of three on-Property soil borings;
- One year of quarterly groundwater monitoring of existing and new wells; and
- Residential vapor intrusion assessment.

The results of the groundwater, soil, and vapor investigations are summarized in the following sections.

2.5.1 On-Property Well Installation and Soil Sampling (2014)

Additional monitoring wells MW-13 through MW-16 and soil borings, B-1 through B-3, were installed using rotary sonic methods on September 15 and 16, 2014. Figure 2 depicts the locations of these wells and soil borings.

These wells and borings were completed to depths ranging from 23.5 to 30 feet bgs. Soils encountered during drilling generally consisted of silty and sandy gravels interbedded with sandy and gravelly silts or silty sands. Groundwater was encountered during drilling at depths of between 12 and 20 feet bgs. Monitoring wells were constructed of 2-inch schedule 40 PVC with 10 feet of 0.010-inch slotted screen. Well construction details are presented in Table 2. All soil borings were advanced to 30 feet bgs.

Soils from borings drilled with sonic rotary methods were continuously sampled. All soils were field-screened with a photoionization detector (PID) and soil descriptions were

documented in general accordance with American Society for Testing and Materials (ASTM) method D2488-84, *Standard Method for Description and Identification of Soils (Visual/Manual Procedure)*. PID readings, odor, staining, sheen, soil lithology, sample recovery and other details are included in the boring logs presented in Appendix D.

A total of 15 soil samples were collected for laboratory analysis; 9 from the monitoring wells and 6 from the soil borings. All soil samples were labeled, placed on ice in laboratory provided coolers, and submitted to Friedman and Bruya Inc. (Friedman and Bruya) in Seattle, Washington under industry-standard chain-of-custody procedures.

Soil samples were analyzed for COPCs and metals (cadmium, total chromium, lead, manganese, nickel, and zinc). Table 3 presents a summary of detected compounds, while the table in Appendix B presents a comprehensive tabulation of all results for existing Site soils. Laboratory reports, including chain of custody documentation, are presented in Appendix C. The following COPCs were detected in soils above MTCA Method A cleanup levels for unrestricted land use:

- Gasoline-range TPH and benzene in soil from MW-9 at 16 feet bgs and MW-11 at 15 feet bgs;
- Gasoline-range TPH in soil from MW-16 and B-3 at 14 feet; and
- Ethylbenzene in soil from B-3 at 11.5 feet bgs.

Groundwater results are presented in Section 2.5.3.

2.5.2 Off-Property Well Installation and Soil Sampling (2016)

For the off-Property investigation, Aspect retained Holt Services Inc. to drill and install six groundwater monitoring wells (MW-17 through MW-22) to the west and south of the Property to evaluate impact to soil and groundwater and to further refine the extent of contamination at the Site. MW-17, proposed for installation in the alley adjacent north of the north residential building, could not be installed due to the proximity of utilities within the alley. Borings for MW-18 through MW-22 were drilled using sonic rotary methods to a depth of approximately 30 feet bgs and soils was logged by an Aspect field geologist in general accordance with ASTM visual manual field methods. All soils were field-screened using a PID and soil samples were collected based on PID results and field observations (e.g. staining, sheen, or odor).

A total of 13 soil samples were collected and submitted to Friedman and Bruya for analysis of COPCs. Soil sample locations correspond to the monitoring well locations shown on Figures 2 and 3. Lithology, observations, PID readings, and sample depths are including on the boring logs that are presented in Appendix D.

Monitoring wells were constructed of 2-inch-diameter schedule 40 PVC with 10 feet of 0.010-inch slotted screen. Monitoring wells MW-18 and MW-19 are located west of B Street and the bottom of the screened interval is at 28 feet bgs. Monitoring wells MW-20, MW-21, and MW-22 are located southwest and south of the Site and the bottom of the screened interval is between 18 and 19 feet bgs. All monitoring wells were developed by purging and surging until 10 casing volumes were removed. Well construction information is presented in Table 2 and documented on the boring logs.

All soil samples were analyzed for COPCs. COPCs were not detected above the laboratory practical quantitation levels (PQLs) for all soil samples, except two samples collected from MW-20. The following analytes were detected in soils south of the Site above MTCA Method A cleanup:

- Gasoline-range TPH and BTEX in soils from MW-20 at 15 feet bgs; and
- Gasoline-range TPH and Benzene in soils from MW-20 at 17 feet bgs.

A summary of soil detections is presented in Table 3 while the table in Appendix B presents a comprehensive tabulation of all results for existing soils. Analytical laboratory reports are presented in Appendix C.

Groundwater results are discussed below in Section 2.5.3.

2.5.3 Quarterly Groundwater Monitoring (2014-2016)

Groundwater monitoring events were conducted after the monitoring well installations in 2014 and 2016, which captured groundwater conditions from September 2014 through July 2017. Wells installed in 2016 were sampled for four consecutive groundwater monitoring events in accordance with the RI Work Plan. Water levels were measured for all groundwater monitoring events. All groundwater elevation data is presented in Table 1. Groundwater elevations from October 2016 through July 2017 with interpreted flow gradient and direction are presented in Figure 4.

Groundwater sampling was conducted using low flow sampling methods. Purging and sampling was completed using a peristaltic pump with new or dedicated polyethylene tubing for each well. Field parameters temperature, pH, dissolved oxygen and conductivity were monitored during purging. Once field parameters stabilized, samples were collected, labeled, placed on ice, and submitted to Friedman and Bruya under industry-standard chain-of-custody procedures.

Groundwater was analyzed for COPCs. Select samples were also submitted for laboratory analysis of conventional parameters used for monitoring natural attenuation of an aquifer. These parameters include: alkalinity, chloride, nitrate and nitrite as nitrogen, nitrate plus nitrite, sulfate, dissolved methane, dissolved iron, and dissolved manganese as well as field screening for ferrous iron (Fe+2).

The following analytes were detected in groundwater above MTCA Method A Cleanup Levels:

- Gasoline-range TPH in monitoring wells MW-1, MW-7, MW-8, MW-10, MW-11, MW-16, and MW-20;
- Diesel-range TPH (that was not qualified by the laboratory) in monitoring wells MW-8, MW-11, MW-18, and MW-20[1];
- Benzene in monitoring wells MW-8, MW-10, MW-11, and MW-20;

[1] All other MTCA Method A cleanup level exceedances of diesel-range TPH in groundwater were qualified by the laboratory that the pattern of peaks observed is not indicative of diesel.

- EDC in monitoring wells MW-11; and
- Dissolved manganese in monitoring wells MW-8, MW-11, MW-12, and MW-16.

Monitoring wells MW-12, MW-13, MW-14, MW-15, MW-19, MW-21, and MW-22 did not have detections of COPCs above MTCA Method A cleanup levels during any of the monitoring events.

Detected analytes in groundwater are summarized in Table 4, while the groundwater table in Appendix B presents a tabulation of all groundwater analysis post-2012 soil removal action. Laboratory analytical reports are presented in Appendix C.

2.5.4 Vapor

Aspect contacted the owner of the northern adjoining residential property for access to complete the proposed soil vapor intrusion investigation. However, the property owner declined requests for access to the residential building and the property to implement the proposed vapor intrusion investigation because all materials stored in the basement of the house where sampling were to occur would need to be removed prior to sampling. The property owner noted that the residence is vacant. The potential for vapor intrusion into the adjacent residential building therefore remains a data gap.

2.5.5 Data Gaps from Supplemental Investigation

Two data gaps were identified during the supplemental investigation. Attempts to install a groundwater monitoring well (MW-17) in the adjacent north residential property were unsuccessful due to denial of access by the property owner. As an alternative, attempts were made to install a monitoring well in the alley north of the adjacent residential property; however, that was also unsuccessful due to the proximity to utilities. Assessment of the northern extent of impacts to groundwater was therefore limited and this is considered a data gap.

As noted in Section 2.5.4, proposed vapor intrusion assessment at the adjacent north residence was not completed, therefore the soil vapor pathway and vapor intrusion risk were not assessed.

3 Conceptual Site Model

This section summarizes COCs, affected media, nature and extent of environmental impacts, discusses contaminant fate and transport, and presents an exposure pathway assessment for potential receptors.

3.1 Contaminants of Concern

Following the completion of the RI, the COPCs documented exceeding MTCA Method A cleanup levels in at least one sample included:

- ***Soil***: gasoline- and motor oil-range TPH, BTEX and naphthalene.
- ***Groundwater***: gasoline-, diesel-, and oil-range TPH, benzene, EDC, and manganese.

EDB, n-hexane, and MTBE, although previously identified as COPCs, were not detected in soil or groundwater at concentrations above MTCA Method A cleanup levels during the RI and were therefor eliminated from consideration as COCs. The next step in the process is to further evaluate the compounds with cleanup level exceedances to determine which of the remaining COPCs should be retained as COCs for the feasibility study. The occurrence of remaining COPCs is summarized as follows:

- Diesel – Diesel-range TPH was detected in two sidewall soil samples and one bottom of excavation sample. One of the sidewall samples from the waste oil excavation contained diesel at concentrations exceeding MTCA Method A cleanup levels; all other soil results were below MTCA Method A cleanup levels. Diesel was detected in one off-property soil sample from MW-20 which is discussed in Section 3.2.2.

  Diesel concentrations in groundwater samples from monitoring wells MW-1, MW-8, MW-10, MW-11, and MW-16 have exceeded MTCA Method A cleanup levels one or more times since installation. However, nearly all of these detections were qualified by the laboratory as having chromatographic patterns not consistent with the standards used to quantify those TPH ranges. Samples with non-typical chromatographic patterns are denoted by “x” qualifiers in the laboratory reports and in Table 4. The chromatographic patterns that were observed do not indicate the presence of middle boiling products (C_{10} to C_{25}), such as diesel fuel, or a high boiling product (C_{25} to C_{36}), such as lubrication or motor oil. Rather, the pattern of peaks that were observed, and the reported concentrations, are likely due to the presence of petroleum-based organic material from the weathering of TPH, as well as potentially a small degree of low boiling product such as gasoline or the water-soluble fraction of a middle distillate.

  Groundwater samples from off-Site locations have not detected diesel above laboratory PQLs since installation, with two exceptions: one-time detections exceeding MTCA Method A in January 2017 samples from MW-18 and October 2016 samples from MW-20. The results from MW-18 and MW-20 are further discussed in Section 3.2.2.

The former USTs at the Property contained only gasoline and waste oil, according to historical UST records. There is no documentation of historical diesel tanks at the Property. Considering the historical information and the chromatograph patterns, we interpret the diesel results as indicating degradation or weathering of other petroleum products, likely gasoline-range TPH. Based on the Site history, typical diesel chromatograph patterns, and variable history of detections, diesel-range TPH is not retained as a COC for the feasibility study. NWTPH-Diesel extended will continue to be monitored in groundwater as an indication of TPH degradation and extent, but not as a primary COC.

- Heavy Oil – Heavy oil-range TPH was only detected at a concentration exceeding MTCA Method A in a single soil sample, collected from the bottom of the excavation near the former waste oil tank. All other soil results were below the MTCA Method A cleanup level or were non-detect. Heavy oil-range TPH was not detected in any groundwater samples above the laboratory PQL, with the exception of sporadic, qualified detections in MW-11. Most of the results from that well were close to the PQL, except two detections that exceeded MTCA Method A cleanup levels. All detections of heavy oil-range TPH in groundwater collected from MW-11 were qualified by the laboratory as likely not being motor/heavy oil, but rather other weathered petroleum products (e.g., gasoline). Specifically, the laboratory reports from the December 2014, March 2015, and July 2017 sampling events qualified the heavy oil-range hydrocarbon detections noting that: “The sample chromatographic pattern does not resemble the fuel standard used for quantitation.” Based on the laboratory qualifiers and variable history of detections, heavy oil-range TPH is not retained as a COC for the feasibility study.
- Manganese - Manganese is not a primary constituent associated with the petroleum releases. The presence of manganese in groundwater is a secondary effect of the petroleum constituents in groundwater. The biodegradation of petroleum constituents occurs through redox reactions with electron acceptors as: aerobic respiration, denitrification, iron reduction, manganese reduction, and sulfate reduction. The reduced species of naturally occurring iron and manganese are soluble. Thus, the presence of dissolved iron and manganese in groundwater at sites with petroleum releases is an indicator that biodegradation of the primary constituents (petroleum constituents) is ongoing (ASTM, 1998). Detections of manganese in MW-8 and MW-11 exceed the non-carcinogen derived MTCA Method B formula value of 2,240 ug/L.

  As the redox conditions recover downgradient of where petroleum constituents are present in groundwater, the reduced iron and manganese will return to an insoluble form and concentration in groundwater will attenuate. Therefore, manganese is not retained as a COC for the feasibility study. Monitoring of natural attenuation parameters, including manganese, will continue at MW-11, MW-12, MW-15, and MW-16 to demonstrate the attenuation of this secondary effect.

Based on data collected during the RI and the above evaluation of COPCs exceeding MTCA Method A cleanup levels, the following COCs for soil and groundwater were identified for the Site in Table 5:

Table 5. Site COCs for Soil and Groundwater

Compound	Soil COC	Groundwater COC
Gasoline	X	X
Benzene	X	X
Ethylbenzene	X	
Total Xylenes	X	
Naphthalene	X	
EDC		X

3.2 Affected Media

The affected media at the Site includes soil and groundwater. Based on the historical use as a gasoline service station and the few COCs identified, MTCA Method A cleanup levels for unrestricted land use were selected for both groundwater and soil.

Soil vapor is retained as a potential media of concern since assessment of the vapor intrusion pathway could not be completed during the supplemental investigation. A further discussion is presented in Section 3.5.3.

3.3 Nature and Extent of Contamination

The source of soil and groundwater impacts at the Site appears to be historical gasoline fuel releases from the former USTs, piping, and fuel distribution systems. The location where a release occurred is defined as the source area. In 2012, excavation of impacted soil around and beneath the former USTs and fuel dispensing infrastructure removed the majority of the source material from the Site. The removal of source material has markedly improved the condition of groundwater at the Site. Groundwater trend graphs that illustrate groundwater quality improvements since 2012 are presented in Appendix E.

Due to physical constraints presented during the 2012 remedial excavation, it was not practicable to remove all impacted soil. Soil exceeding MTCA Method A cleanup levels was left in sidewalls and the excavation bottom as indicated by confirmation soil sample results summarized in Table 3 and presented on Figures 7a, 7b, 8a, and 8b. The residual soil impacts left in place generally reflect areas where the excavation was adjacent to a street or property boundary, or at depths significantly below the water table, and further excavation could not be implemented without extensive shoring. In some cases, limited areas of impacted soil within the excavation area (e.g., at MW-11) may have been left in place as wedges as the excavation was implemented in trench-like sections.

The inferred vertical distribution of remaining soil impacts relative to sub-surface geology is shown in cross-section, on Figures 5 and 6. These cross-sections show that

residual soil impacts are primarily isolated to soils ranging from 15 to 23 feet bgs. The impacted soils appear to extend no further than approximately 5 feet below the 2012 excavation bottom and approximately 10 feet laterally beyond the western sidewall. Residual impacts to native soils have not been identified below 26 feet bgs.

Groundwater impacts are located in areas with remaining soil impacts, which are mostly present below 15 feet bgs. It appears that the remaining COCs (specifically gasoline-range TPH and benzene) in soils are acting as a source of groundwater impacts. Concentrations of gasoline-range TPH and benzene in MW-8 have increased following the 2012 soil remediation. Monitoring well MW-8 is located immediately downgradient of MW-11, where residual soil contamination has been documented. The increasing concentrations of COCs in MW-8 are likely related to the remaining upgradient residual soil contamination. The groundwater gradient is southwest across the Site, and although the water table is generally flat at the Site, the overall gradient is consistent with apparent movement of groundwater impacts. The increasing trends of gasoline-range TPH and benzene at MW-8 appear localized; wells farther downgradient of this area exhibit stable or declining trends.

The inferred horizontal extent of COC-impacted groundwater is illustrated on Figures 9 and 10. These groundwater figures also suggest the seasonal fluctuation of plume size and concentrations of COCs. Appendix E presents benzene and gasoline time series graphs for select monitoring wells. These graphs demonstrate the improvement of groundwater conditions in each monitoring well since source removal, with the exception of MW-8.

3.3.1 MTCA "Site" Delineation

The MTCA definition of a "Site" or "Facility" is anywhere there is a confirmed release of a hazardous substance that requires remedial action. As illustrated on Figures 5 through 8, areas exceeding soil COCs appear confined to within the Property boundary[2]. However, as illustrated on Figures 9 through 10, concentrations of COCs in groundwater slightly exceeded cleanup levels during one or more sampling event at the following locations: MW-16 (gasoline) at the north property boundary; and MW-8 (gasoline and benzene) and MW-7 (gasoline) toward the south of the property boundary. These detections suggest that groundwater may exceed cleanup levels north and south of the Ken's Texaco property boundaries. Most recent sampling results from July 2017 indicate that concentrations of COC in groundwater are below MTCA cleanup levels along the northern property boundary, but January and April 2017 events indicate MW-16 had concentrations of gasoline above MTCA cleanup levels. The MTCA Site is therefore defined as being bound to the east and west by the former Ken's Texaco Property parcel boundaries, and by the East University Way right-of way to the South. To the north, the Site appears to extend beyond the north parcel boundary of the former Ken's Texaco property. Due to access limitations noted in Sections 2.5.4 and 2.5.5, it was not possible to install of groundwater monitoring wells north of MW-16 to constrain the northern extent of the Site and thus, the northern Site boundary has not been precisely delineated.

[2] Detections in soil at off-Property well MW-20 are attributed to an off-site source, as described in Section 3.3.2.

The RI established that impacted media resulting from the Ken's Texaco Site release(s) do not extend onto the adjacent commercial properties to the east, west, and south. This is demonstrated by no detectable soil or groundwater COCs above laboratory PQLs in samples collected from MW-12, MW-13, MW-14, MW-19, MW-21, and MW-22. Two exceptions to this are two detections of COCs in soil and groundwater that are believed not to be related to the Site: at MW-18, discussed in the next paragraph below, and at MW-20, which is discussed in Section 3.3.2.

Groundwater sample results from monitoring well MW-18, include a single, qualified detection of diesel in January 2017 at a concentration (790X ug/L) above the MTCA Method A cleanup level (500 ug/L). However, no diesel detections above the laboratory PQL of 50 ug/L, were observed in groundwater at MW-18 during the October 2016, April 2017, and July 2017 monitoring events. In addition, results from the nearest groundwater monitoring well, MW-15, have not been detected above the laboratory PQL (50 ug/L) since installation in September 2014. Furthermore, the predominant groundwater flow direction is to the southwest, which makes MW-18 cross-gradient from the Site, not downgradient. It is therefore presumed that the single detection in groundwater from MW-18 is not associated with the Site.

3.3.2 Off-Site Sources

As part of the RI five groundwater monitoring wells were installed on adjacent commercial properties to the west and south to define the extent of Site contamination. The wells were installed October 2016, and monitored quarterly for one year. COCs were generally not detected at concentrations above laboratory PQLs with the exception of groundwater and soil at MW-20 and groundwater at MW-18 (previously discussed in Section 3.3.1). Soil and groundwater results from MW-20 included concentrations greater than MTCA Method A cleanup levels for gasoline and diesel range TPH and benzene. Toluene, ethylbenzene, and total xylenes were also detected in groundwater from MW-20 but at concentrations less than MTCA Method A cleanup levels. These detections are in stark contrast to the detections in groundwater at MW-7, which is effectively upgradient from MW-20. As demonstrated on Figures 9 and 10, the concentrations observed at MW-20 are over an order of magnitude greater than what has been observed at the Site, which suggests an offsite source.

To evaluate the presence of an off-site source, Aspect investigated the history of the parcel where MW-20 was installed. MW-20 is located at 100 East University Way, formerly known as the University Auto Dealership or University Auto Center, which was previously operated as a gasoline service station (Fulcrum Environmental Consulting [Fulcrum], 2008). Historical releases were documented and soil remediation of the upper 10 feet bgs was performed. Ecology issued a NFA determination for the soil clean up. However, groundwater was not characterized as part of the remediation and soil deeper than 10 feet bgs was not characterized. Based on the previous property use as a service station with several historical configurations, documented releases and only a limited scope of the remedial actions, the impacts identified in soil and groundwater from MW-20 are attributed to the former service station, and not considered part of the Ken's Texaco Site.

The historical research included review of Ecology files, digitally available Sanborn Maps, and aerial photographs (Appendix F). A detailed discussion of the findings from this research are presented in Appendix F.

3.4 Contaminant Fate and Transport

This section describes the fate and transport of COCs at the Site. Evidence suggests that the age of the release is relatively old. The majority of source impacts were initially adsorbed into the soil matrix following the release. The vertical distribution of the release was facilitated by water table fluctuation, gravity, and capillary forces.

Gravelly and sandy soils beneath the Site allowed for vertical movement of the petroleum release to the top of the water table where lateral spreading occurred. Seasonal fluctuations in the water table resulting from area irrigation practices resulted in a smear zone that extends from approximately 15 feet bgs to 20 feet bgs. Impact to soils below the presumed seasonal low water table to a depth of approximately 26 feet bgs are likely the result of migration and sorption to soil of dissolved-phase COCs. The primary mechanisms for transport of COCs include diffusion from soil to groundwater and advection through groundwater movement. The extent of dissolved-phase impacts is described in previous sections and appears to have been limited by a relatively flat groundwater gradient, the adsorptive nature of the geology, biological degradation, and mechanical removal of the source through soil remediation. The dissolved-phase groundwater plume appears to be generally stable.

The interim source removal action in 2012 removed a significant amount of source-area impacts. However, as noted above, some impacted soil remains at the Site.

Petroleum hydrocarbons biodegrade in the subsurface and produce secondary chemical byproducts during the process of natural attenuation. The biodegradation of petroleum occurs through redox reaction with electron acceptors as: aerobic respiration, denitrification, iron reduction, manganese reduction, and sulfate reduction. The reduced species of naturally occurring iron and manganese are soluble. Thus, the presence of dissolved iron and manganese in groundwater is an indicator that biodegradation of the primary petroleum constituents is ongoing at the Site (ASTM 1998). There is not a MTCA Method A groundwater cleanup level for manganese in Table 720-1. A non-cancer MTCA Method B formula value of 2,240 µg/L exists as does a federal EPA secondary standard of 50 µg/L, based solely on aesthetic effects (e.g. order and taste). Manganese concentrations at the Site exceed these non-cancer aesthetic criteria; however, these elevated concentrations are the result of the ongoing biodegradation of the historical petroleum releases. Manganese is not considered a Site COC because it is not directly related to the petroleum release and is indicative of natural biodegradation of the release.

The evaluation of alternatives presented in the FS will consider how to restore the aquifer to its native redox conditions.

3.5 Potential Receptors and Exposure Assessment

The two primary exposures associated with the presence of COCs at the Site are human health and terrestrial ecological risk. The nature, extent, and concentration of COCs in the

soil and groundwater determines the potential exposure scenarios for human health and terrestrial ecological effects.

Potential exposure pathways that may affect human health include soil, groundwater, and vapor intrusion. The following sections present a description of the potential exposure pathways considered in this assessment.

3.5.1 Soil Exposure Pathway

Two soil exposure pathways, direct-contact and soil leaching-to-groundwater, have been identified for the Site as follows:

- **Direct-contact pathway:** The direct-contact pathway considers both dermal contact and ingestion of soil from beneath the Site, to a maximum depth of 15 feet bgs. Residual soil impacts have been documented as shallow as 8 feet bgs at the Site, but more predominately at and below 14 feet bgs. No exceedances of the MTCA Method B direct contact cleanup level for benzene have been detected in the upper 15 feet. A potential TPH direct contact cleanup level of 1,500 mg/kg is provided in Ecology's model remedy guidance (2015). Three samples within 15 feet bgs had detections of gasoline-range TPH that exceeded this cleanup level. The TPH direct contact value is conservative for the current site use because they were developed for residential scenarios; no concentrations exceed the direct contact cleanup level if adjusted for commercial exposure. The Site is unpaved and the surface is finished with gravel. Samples exceeding the direct contact cleanup level were located at 14 feet bgs and deeper, therefore the direct-contact pathway is potentially complete, but the potential for exposure is low. Under current Site use there is not an unacceptable risk via this pathway.
- **Soil leaching-to-groundwater pathway**: The soil leaching-to-groundwater pathway requires consideration of the highest beneficial use of groundwater at the Site in accordance with 173-340-357(3)(d) WAC. The highest potential beneficial use of groundwater at the Site is drinking water; however, the City of Ellensburg provides potable municipal water to the Site. A review of drinking water well locations provided by the City of Ellensburg indicated there are no water supply wells within one-half mile of the Site. Given the City supply of drinking water, and the distance of the Site to the nearest water supply well, the soil leaching-to-groundwater pathway is currently incomplete and the potential for exposure is low.

3.5.2 Groundwater Exposure Pathway

This pathway includes ingestion of groundwater at the Site. As noted above, potable water for the Site is supplied by the City of Ellensburg. The extent of groundwater impacts at the Site has been delineated and appears to be stable. Based on a map of municipal water supply well locations from the City of Ellensburg, no municipal water supply wells are located within a quarter-mile of the Site. Two municipal water supply wells are located within a half-mile of the Site, one to the north and one to the east. A total of 5 municipal supply wells are within one mile of the site. Given the generally flat groundwater gradient and direction to the southwest and the distance from the Site, none of the municipal supply wells would be impacted by Site COCs. Based on these data and

the current Site use, the ingestion and/or dermal contact pathway for groundwater is currently incomplete and the potential for exposure is low.

3.5.3 Vapor Intrusion Pathway

The vapor intrusion pathway includes exposure to soil vapor and volatilized gases from chemicals dissolved in groundwater, separate non-aqueous phase chemicals, and chemicals sorbed to soil particles in the subsurface. One building, a vacant residence north adjacent to the Site (Figure 2), is located within the 30-foot-lateral inclusion zone of soil or groundwater impacts (Figures 7b, 8a, 8b, and 10). Access to the adjacent north residential parcel to conduct vapor intrusion pathway assessment was denied by the property owner. The vapor intrusion pathway is currently unknown and the potential for exposure is unknown. Until a vapor intrusion evaluation is conducted at the residence to the north, the vapor intrusion pathway cannot be ruled out as a complete pathway.

3.6 Terrestrial Ecological Evaluation

The purpose of a terrestrial ecological evaluation (TEE) is intended to assess the potential risk to terrestrial plants and/or animals that live entirely or primarily on affected land. While all contaminated soils are deeper than 6 feet bgs, this Site does not qualify for a TEE exclusion because the gravel surface does not adequately prevent exposure to plants and wildlife. Since no primary exclusions were met, the Site was further evaluated in accordance with WAC 173-340-7492(2) to determine if a simplified or site-specific TEE was required. The Site qualifies for a simplified TEE, based on land use and the low-quality habitat that the Site presents to terrestrial wildlife, and completion of the simplified screening criteria for exposure analysis was conducted. Documentation of this evaluation is included in Appendix G. Based on completion of the Table 749-1 Exposure Analysis Procedure (Appendix G), the results of the simplified TEE analysis indicate substantial wildlife exposure is unlikely. Therefore, the TEE is complete for the Site and no further evaluation or consideration of terrestrial ecological impact is necessary.

4 Cleanup Requirements

This section presents the objectives and standards by which evaluation of additional remedial action(s) will be measured. The areas to be addressed by additional remedial actions(s) are also recapped below.

4.1 Remedial Action Objectives

Remedial action objectives (RAO) established for the Site are intended to comply with applicable environmental regulations and protect human health and the environment. The Site-specific RAOs include the following:

- Protection from direct contact with contaminated soil;
- Protection of groundwater for drinking water use; and
- Protection of indoor air quality.

4.2 Cleanup Standards

Cleanup standards for the Site include establishing cleanup levels and the points of compliance at which those cleanup levels will be attained. The following presents a discussion of the preliminary cleanup levels and points of compliance for the Site.

4.2.1 Cleanup Levels

Proposed cleanup levels for soil, groundwater, and air at the Site are presented below and in Table:

- **Soil.** MTCA Method A cleanup levels for unrestricted land use.
- **Groundwater.** MTCA Method A cleanup levels for protection of drinking water as a beneficial use.
- **Air.** MTCA Method B indoor air cleanup levels for residential land use.

Table 6. Proposed Site Cleanup Levels

COCs	MTCA Method A Cleanup Levels for Soil[1]	MTCA Method A Cleanup Levels for Groundwater[2]	MTCA Method B Cleanup Levels for Indoor Air*
TPH as gasoline	30 mg/kg (benzene present)	800 µg/L (benzene present)	140 µg/m^3
Benzene	0.03 mg/kg	5 µg/L	0.321 µg/m^3
Toluene	7 mg/kg	1000 µg/L	2290 µg/m^3
Ethylbenzene	6 mg/kg	700 µg/L	457 µg/m^3
Total Xylenes	9 mg/kg	1000 µg/L	45.7 µg/m^3
Naphthalene	5 mg/kg	160* µg/L	0.0735 µg/m^3
1-2 dichloroethane	Not specified	5 µg/L	0.0962 µg/m^3

[1] Milligram/kilogram (mg/kg); [2] Microgram/liter (µg/L); * clean-up level is under revision, current value given.

4.2.2 Points of Compliance

The standard points of compliance for affected media at the Site are as follows:

- Soil *for protection from direct contact*. Ground surface to a depth of 15 feet.
- Soil for protection of groundwater. Throughout the Site.
- Groundwater *for protection of drinking water*. Extending vertically from the uppermost level of the saturated zone to the lowest depth potentially affected.
- Indoor air *for protection from inhalation*. Throughout the Site.

When it is not practicable to achieve cleanup levels in soil at the standard points of compliance, the cleanup action may involve containment of hazardous substances. Remedies involving containment may still be determined to comply with cleanup standards, provided:

1) The selected remedy is permanent to the maximum extent practicable;
2) The cleanup action is protective of human health and the environment; and
3) Appropriate institutional controls, including compliance monitoring and periodic reviews, are implemented (173-340-740(6)(f) WAC).

Determination of the appropriate points of compliance for the Site will be discussed and presented in the focused Feasibility Study.

4.3 Areas Requiring Remediation

The areas to be addressed by a final remedy for this Site have been delineated based on the nature and extent of contamination and cleanup standards described in the previous sections. As discussed in Sections 2 and 3, residual soil impacts are associated with some sidewall and excavation bottom areas that were inaccessible during the 2012 excavation, and, in some cases, wedges of impacted soils that inadvertently remained in place following excavation, generally around MW-11. As noted in Section 3.3, residual groundwater impacts appear to be associated with residual soil impacts, primarily in the area of MW-8 and MW-11.

The estimated areal extents of soil impacts are shown on Figures 7 and 8, and estimated vertical extents are shown in cross section in Figures 5 and 6. The estimated areal extents of groundwater impacts are shown on Figure 9 through 10. The focused Feasibility Study will present the specific areas proposed for remediation.

5 Next Steps

Following approval of this RI Report by Ecology, Aspect will work with the Client to develop a feasibility study for the Site. The feasibility study will present and compare options for remediation of the subsurface to achieve compliance with the remedial goals outlined in this report.

6 References

Aspect Consulting LLC, 2012, UST Decommissioning and Soil Remediation Report, Former Ken's Texaco, 101 East University Way, Ellensburg, Washington, Prepared for Ken Volland. December 6, 2012.

Aspect Consulting LLC, 2016, Supplemental RI Work Plan, Former Ken's Texaco, 101 East University Way, Ellensburg, Washington, January 12, 2016.

ASTM, 1998, Standard Guide for Remediation of Groundwater by Natural Attenuation at Petroleum Release Sites, E1943-98, 2998.

Bently and Campbell, 1983, Geologic Map of the Ellensburg Quadrangle, Washington. State of Washington, Department of Natural Resources, Geologic Map GM—28, 1983.

Gray & Osborne, Inc., 2015, City of Ellensburg Wastewater Treatment Facility Engineering Report, April 2015. https://ci.ellensburg.wa.us/DocumentCenter/View/4534

Fulcrum Environmental Consulting, Inc., 2008, Underground Storage Tank Investigation Report Former University Auto Dealership,100 East University Way Ellensburg, Washington, Prepared for Allen Faltus, January 31, 2008.

Kittitas Reclamation District, undated, KRD History. http://krdistrict.org/history.htm

PBS Engineering and Environmental, 2006, Limited Underground Storage Tank (UST) Assessment at the Texaco Service Station, 101 East University Way, Ellensburg, Washington, Prepared for Mr. Ken Volland. July 5, 2006.

DNR, 2010. Accessed Sept 18, 2017. https://geologyportal.dnr.wa.gov/

Sage Earth Sciences, Inc. 1994, Site Closure Assessment for the Ken's Texaco, Inc. Facility, Ellensburg, Washington, Prepared for AER-Ex, Inc. February 22, 1994.

Washington State Department of Ecology (Ecology), 2015, Draft Model Remedies for Sites with Petroleum Contaminated Soils, Publication No. 15-09-043, September 2015, Revised August 2017.

White Shield Inc., 1992, UST Site Assessment Report, University Auto Center, Ellensburg, Washington, Prepared for AER-EX, Inc. December 7, 1992.

Limitations

Work for this project was performed for the Estate of Ken Volland (Client), and this report was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

All reports prepared by Aspect Consulting for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect Consulting. Aspect Consulting's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

TABLES

Table 1. Groundwater Elevation Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

Well ID	TOC Elevation[1]	Date	Depth to Water (feet btoc)	Water Elevation (feet msl)
MW-01	**1564.15**	2/13/2013	13.09	1551.06
		3/14/2013	14.17	1549.98
		5/14/2013	14.20	1549.95
		8/15/2013	15.18	1548.97
		1/18/2017	16.67	1547.48
		4/12/2017	14.50	1549.65
		7/11/2017	16.48	1547.67
MW-07	**1563.8**	2/13/2013	11.64	1552.16
		3/14/2013	13.30	1550.50
		5/14/2013	14.17	1549.63
		8/15/2013	14.72	1549.08
		1/18/2017	16.43	1547.37
		4/12/2017	13.91	1549.89
		7/11/2017	16.26	1547.54
MW-08	**1563.67**	2/13/2013	12.97	1550.70
		3/14/2013	13.85	1549.82
		5/14/2013	14.40	1549.27
		8/15/2013	15.07	1548.60
MW-08 (cont.)		1/18/2017	16.33	1547.34
		4/12/2017	13.95	1549.72
		7/11/2017	16.16	1547.51
MW-10	**1563.86**	2/13/2013	12.48	1551.38
		3/14/2013	14.03	1549.83
		5/14/2013	14.33	1549.53
		8/15/2013	15.00	1548.86
		1/18/2017	16.40	1547.46
		4/12/2017	13.97	1549.89
		7/11/2017	16.23	1547.63
MW-11	**1563.91**	2/13/2013	12.96	1550.95
		3/14/2013	14.09	1549.82
		5/14/2013	14.43	1549.48
		8/15/2013	15.92	1547.99
		1/18/2017	16.39	1547.52
	1563.73 *	5/2/2017	13.27	1550.46
		7/11/2017	16.00	1547.73
MW-12	**1564.64**	2/13/2013	12.85	1551.79
		3/14/2013	13.96	1550.68
		5/14/2013	14.42	1550.22
		8/15/2013	15.19	1549.45
MW-12 (cont.)		1/18/2017	NM	NM
	1564.29 *	5/2/2017	13.14	1551.15
		7/11/2017	15.92	1548.37

Table 1. Groundwater Elevation Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

Well ID	TOC Elevation[1]	Date	Depth to Water (feet btoc)	Water Elevation (feet msl)
MW-13		1/18/2017	16.60	1547.91
		4/12/2017	14.53	1549.98
		7/11/2017	16.55	1547.96
MW-14		1/18/2017	16.19	1547.39
		4/12/2017	14.15	1549.43
		7/11/2017	16.07	1547.51
MW-15		1/18/2017	NM	NM
		4/12/2017	15.47	1549.83
		7/11/2017	17.48	1547.82
MW-16 (cont.)		1/18/2017	17.79	1547.60
		4/12/2017	15.47	1549.92
		7/11/2017	17.56	1547.83
MW-18		1/18/2017	18.29	1547.38
		4/12/2017	15.88	1549.79
		7/11/2017	17.89	1547.78
MW-19		1/18/2017	16.70	1547.05
		4/12/2017	14.43	1549.32
		7/11/2017	16.41	1547.34
MW-20		1/18/2017	NM	NM
		4/12/2017	14.55	1548.96
		7/11/2017	16.47	1547.04
MW-21		1/18/2017	17.66	1546.46
		4/12/2017	12.88	1551.24
		7/11/2017	17.11	1547.01
MW-22		1/18/2017	16.95	1547.16
		4/12/2017	14.33	1549.78
		7/11/2017	16.89	1547.22

Notes:

1. Top of casing elevations were surveyed by PLSA. MW-1 through MW-16 were surveyed on September 9, 2014. MW-18 through MW-22 were surveyed on November 9, 2016. MW-11 and MW-12 were resurveyed on May 2, 2017 following damage to the casing.
2. Groundwater elevation is an estimate. Approximately 0.05 feet of casing were removed following the January 2017 event.
3. Groundwater elevation is an estimate. The monitoring well casing and monument at MW-12 were damaged following the January 2017 event.

(*) Resurveyed elevations are marked with an asterisk.

Abbreviations:

TOC = top of casing
btoc = below top of casing
msl = mean sea level
NM = not measured
NA = Not applicable. Well casing damaged and top of casing elevation changed.

Table 2. Groundwater Monitoring Well Construction

Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

Well ID	Date Installed	Location[1]	Drilling Method	Diameter (Inches)	Total Depth (feet)	Screen Interval (ft. bgs)	TOC (ft. msl)	DTW (ATD; ft. bgs)
On-Property Wells								
MW-7	2/6/2013	Southwest corner of Site	HSA	2	23.5	8.5 to 23.5	1563.8	16
MW-8	2/7/2013	Southwest corner of former building	HSA	2	25.5	10 to 25	1563.67	nm
MW-10	2/4/2013	West of former building	HSA	2	25.5	7 to 22	1563.86	14
MW-11	2/4/2013	East of former building	HSA	2	26	10 to 25	1563.73 [2]	15
MW-12	2/5/2013	Northeast of former building	HSA	2	25.5	10 to 25	1564.29 [2]	17.5
MW-13	9/16/2014	East edge of Site	Sonic	2	30	10 to 25	1564.51	14
MW-14	9/15/2014	Southeast corner of Site	Sonic	2	30	10 to 25	1563.58	12
MW-15	9/15/2014	Northwest corner of Site	Sonic	2	30	10 to 15 [3]	1565.3	13
MW-16	9/15/2014	Northeast corner of former building	Sonic	2	30	10 to 25	1565.39	14
Off-Property Wells								
MW-18	9/6/20116	West side of North B St, 100 ft. north of E University Way	Sonic	2	30	13 to 28	1565.67	15
MW-19	9/6/2016	West of North B St, 30 ft. north of E University Way	Sonic	2	30	13 to 28	1563.75	12
MW-20	9/7/2016	South of E University Way at North B St	Sonic	2	30 [4]	9 to 19	1563.51	16
MW-21	9/7/2016	South of E University Way, 15 ft east of Pearl St	Sonic	2	30 [4]	9 to 19	1564.12	13
MW-22	9/7/2016	South of E University Way, 50 ft. west of Pine St	Sonic	2	30 [4]	8 to 18	1564.11	12

Notes:
1. Ellensburg Washington.
2. Damage to monitoring wells MW-11 and MW-12 was observed during the April 2016 event. Both wells were reserved on May 2, 2016. Previous elevations were: 1563.91 feet msl at MW-11 and 1564.64 feet msl at MW-12
4. Boring sealed with hydrated Bentonite from 30 feet bgs to approximately 20 feet bgs.
5. Depth to water measured at the time of drilling. Not the static water level.

Abbreviations:
ft. bgs = feet below ground surface
DTW = depth to water nm = not measured
ATD = at time of drilling. TOC = top of casing
HSA = hollow stem auger
nm = not measured due to no sample recovery from 15 to 22 feet bgs at time of drilling.

Table 3. Summary of Analytical Results for Site COPCs in Existing Soils

Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

		Analyte Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds										PAHs	Metals
		Constituent of Potential Concern	Gasoline	Diesel	Motor Oil	Benzene	Toluene	Ethylbenzene	m,p-xylene	o-xylene	Total Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether (MTBE)	n-Hexane	Naphthalene	Total Lead
		MTCA Method A Cleanup Level, Unrestricted Landuse	30*	2000	2000	0.03	7	6	9	9	9	0.005		0.1		5	15
		MTCA Method B Cleanup Level	1500			18	6400	8000	16000	16000	16000	0.5	11		4800	1600	
Sample Location	Sample Depth (ft. gbs)	Sample Date	Units milligrams per kilogram (mg/kg)														
G-BT-F10-19	19	4/25/2012	**19**	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-F13-23	23	4/27/2012	10 U	25 U	40 U	0.02 U	0.03 U	**0.14**			0.03 U					0.03 U	
G-BT-F15-20	20	5/9/2012	10 U			**0.079**	**0.06**	**0.3**			**0.1**					0.03 U	
G-BT-F16-20	20	5/9/2012	10 U			**0.048**	**0.11**	**0.052**			**0.12**					0.03 U	
G-BT-G13-26	26	4/27/2012	10 U	**25**	40 U	0.02 U	0.03 U	0.03 U			**0.13**					0.03 U	
G-BT-G15-20	20	5/9/2012	10 U			0.02 U	**0.1**	0.03 U			**0.13**					0.03 U	
G-BT-H12-23	23	4/30/2012	**41**			0.02 U	0.03 U	**0.5**			**1.4**					0.03 U	
G-BT-H14-23	23	4/30/2012	10 U			**0.5**	**0.063**	**0.13**			**0.2**					0.03 U	
G-BT-H15-20	20	5/10/2012	10 U			0.02 U	**0.1**	0.03 U			**0.13**					0.03 U	
G-BT-H16-20	20	5/10/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-I10-23	23	4/26/2012	**58**			0.02 U	**0.12**	**0.3**			**0.98**					**0.065**	
G-BT-I16-20	20	5/10/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-J12-22	22	4/30/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-J13-22	22	4/30/2012	**316**			0.02 U	**0.14**	**0.073**			**7.84**					**7.93**	
G-BT-J14-20	20	5/11/2012	**22**			**0.34**	**0.29**	**0.27**			**1.54**					**0.11**	
G-BT-J16-20	20	5/11/2012	10 U			0.02 U	0.03 U	0.03 U			**0.081**					**0.29**	
G-BT-K10-20	20	4/26/2012	**27**			0.02 U	0.03 U	0.03 U			0.03 U					**0.44**	
G-BT-K14-20	20	5/11/2012	10 U			0.02 U	0.03 U	**0.055**			0.03 U					0.03 U	
G-BT-K14-21	21	5/15/2012	**10**			**0.17**	**0.13**	**0.16**			**0.45**					**0.13**	
G-BT-K15-21	21	5/15/2012	10 U			**0.094**	0.03 U	**0.061**			**0.3**					0.03 U	
G-BT-L13-22	22	5/1/2012	**30**			**0.28**	0.03 U	**0.11**			**0.11**					**0.15**	
G-BT-L14-21	21	5/15/2012	10 U			**0.62**	0.03 U	0.03 U			**0.13**					**0.068**	
G-BT-M11-24	24	5/2/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-M13-22	22	5/2/2012	**17**			**0.75**	**0.42**	**0.2**			**1.17**					**0.18**	
G-BT-M14-20	20	5/16/2012	10 U			**0.087**	0.03 U	0.03 U			**0.077**					**0.051**	
G-BT-N10-22	22	5/3/2012	10 U			0.02 U	0.03 U	0.03 U			**0.09**					0.03 U	
G-BT-N12-22	22	5/3/2012	**10**			**0.74**	**0.15**	**0.35**			**0.38**					**0.072**	
G-BT-N13-21	21	5/9/2012	10 U	25 U	40 U	**1.59**	**0.09**	**0.22**			**0.17**					**0.052**	
G-BT-N14-20	20	5/16/2012	10 U			**0.38**	**0.068**	**0.13**			**0.24**					0.03 U	
G-BT-N16-20	20	5/16/2012	10 U			**0.59**	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-O11-22	22	5/3/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-O12-21	21	5/9/2012	**78**	25 U	40 U	**3.46**	**0.21**	**0.37**			**1.82**					**0.19**	
G-BT-O13-20	20	5/9/2012	10 U	25 U	40 U	**1.36**	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-O14-20	20	5/14/2012	10 U	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-O14-21	21	5/9/2012	**11**	25 U	40 U	**1.84**	**0.09**	**0.41**			**0.14**					**0.071**	
G-BT-O16-20	20	5/14/2012	10 U			0.02 U	**0.22**	0.03 U			0.03 U					0.03 U	
G-BT-P12-20	20	5/9/2012	**16**	25 U	**979**	0.02 U	0.03 U	0.03 U			**0.15**					0.03 U	
G-BT-P13-20	20	5/9/2012	**16**	25 U	40 U	**0.83**	**0.094**	**0.3**			**0.48**					**0.07**	
G-BT-P14-20	20	5/9/2012	10 U	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-BT-P15-20	20	5/14/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-E15-16	16	5/9/2012	**38**	25 U	40 U	0.02 U	**0.044**	0.03 U			**0.038**					0.03 U	
G-SW-E16-16	16	5/9/2012	**195**	25 U	40 U	0.02 U	**0.039**	0.03 U			**0.03**					0.03 U	
G-SW-F10-10	10	4/25/2012	10 U	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-F12-15	15	4/27/2012	**1810**	25 U	40 U	0.02 U	0.03 U	**0.45**			0.03 U					**1.45**	
G-SW-F14-15	15	4/27/2012	**5280**	25 U	40 U	0.02 U	0.03 U	0.03 U			**1.15**					**3.65**	
G-SW-F17-16	16	5/9/2012	**16**	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-G09-04	4	4/25/2012	10 U	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	

Table 3. Summary of Analytical Results for Site COPCs in Existing Soils

Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

		Analyte Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds										PAHs	Metals
		Constituent of Potential Concern	Gasoline	Diesel	Motor Oil	Benzene	Toluene	Ethylbenzene	m,p-xylene	o-xylene	Total Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether (MTBE)	n-Hexane	Naphthalene	Total Lead
		MTCA Method A Cleanup Level, Unrestricted Landuse	30*	2000	2000	0.03	7	6	9	9	9	0.005		0.1		5	15
		MTCA Method B Cleanup Level	1500			18	6400	8000	16000	16000	16000	0.5	11		4800	1600	
Sample Location	Sample Depth (ft. gbs)	Sample Date	Units milligrams per kilogram (mg/kg)														
G-SW-G10-10	10	4/25/2012	10 U	25 U	40 U	0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-G17-16	16	5/9/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-H17-16	16	5/10/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-I10-16	16	4/26/2012	**112**			**1.07**	**0.31**	**28.3**			**56.3**					**6.79**	
G-SW-I17-16	16	5/10/2012	**17**			0.02 U	**0.059**	0.03 U			0.03 U					0.03 U	
G-SW-J17-16	16	5/11/2012	**67**			0.02 U	0.03 U	0.03 U			**0.073**					**0.064**	
G-SW-K10-15	15	4/26/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-K17-16	16	5/11/2012	**152**			0.02 U	**0.052**	0.03 U			**0.58**					**0.64**	
G-SW-L17-08	8	5/15/2012	**26**			0.02 U	**0.081**	**0.15**			**0.76**					**0.097**	
G-SW-M10-15	15	5/2/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-M17-16	16	5/16/2012	**28**			**1.15**	**0.11**	**0.44**			**1.87**					**0.56**	
G-SW-N10-15	15	5/3/2012	10 U	25 U	40 U	0.02 U	0.02 U	**0.058**			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
G-SW-N17-08	8	5/16/2012	**19**			**0.1**	0.03 U	**0.16**			**0.51**					**0.2**	
G-SW-P10-15	15	5/3/2012	10 U														
G-SW-P17-16	16	5/14/2012	**1550**			**1.72**	**3.79**	**4.95**			**37.6**					**4.17**	
G-SW-Q16-16	16	5/14/2012	10 U			0.02 U	0.03 U	0.03 U			**0.087**					0.03 U	
G-SW-R13-16	16	5/16/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
G-SW-R14-08	8	5/16/2012	10 U			0.02 U	0.03 U	0.03 U			0.03 U					0.03 U	
WO-BT-Q10-18	18	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-BT-Q11-16	16	5/4/2012	10 U	25 U	**5750**	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-BT-Q11-19	19	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-BT-Q13-19	19	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-M10-07	7	5/1/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-P10-07	7	5/3/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q10-04	4	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q10-08	8	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q10-16	16	5/4/2012	10 U	25 U	**1750**	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q11-05	5	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q11-10	10	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q11-16	16	5/4/2012	10 U	25 U	**830**	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q13-08	8	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
WO-SW-Q13-16	16	5/4/2012	10 U	25 U	40 U	0.02 U	0.02 U	0.03 U			0.03 U	0.005 U	0.03 U	0.02 U		0.03 U	
B-01	12	9/16/2014	**3.5**	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	3.37
B-01	18	9/16/2014	2 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	2.24
B-01	30	9/16/2014	2 U			0.02 U	0.02 U	0.02 U			0.06 U						
B-02	9.5	9/16/2014	**12**	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	4.15
B-02	13	9/16/2014	2 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	3.6
B-02	30	9/16/2014	2 U			0.02 U	0.02 U	0.02 U			0.06 U						
B-03	11.5	9/16/2014	**400**	50 U	250 U	**0.0039**	**0.625**	**6.92**	**5.25**	**0.341**		0.005 U	0.005 U	0.005 U		**1.61**	10.4
B-03	14	9/16/2014	**72**	50 U	250 U	0.003 U	0.005 U		0.12	0.005 U		0.005 U	0.005 U	0.005 U		**0.063**	3.51
B-03	30	9/16/2014	2 U			0.02 U	0.02 U	0.02 U			0.06 U						
MW-01	15.5	7/21/2008	**51**	50 U	250 U	0.02 U	**0.09**	0.02 U			**0.52**						
MW-01	20.5	7/21/2008	**25**	50 U	250 U	0.02 U	**0.06**	0.02 U			**0.41**						

Table 3. Summary of Analytical Results for Site COPCs in Existing Soils

Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

		Analyte Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds										PAHs	Metals
		Constituent of Potential Concern	Gasoline	Diesel	Motor Oil	Benzene	Toluene	Ethylbenzene	m,p-xylene	o-xylene	Total Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether (MTBE)	n-Hexane	Naphthalene	Total Lead
		MTCA Method A Cleanup Level, Unrestricted Landuse	30*	2000	2000	0.03	7	6	9	9	9	0.005		0.1		5	15
		MTCA Method B Cleanup Level	1500			18	6400	8000	16000	16000	16000	0.5	11		4800	1600	
Sample Location	Sample Depth (ft. gbs)	Sample Date	Units milligrams per kilogram (mg/kg)														
MW-07	16.5	2/6/2013	2 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	5.52
MW-08	23	2/7/2013	2 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	1.61
MW-09	16	2/5/2013	**730**	50 U	250 U	**0.19**	**0.098**	**2.1**	**3.3**	**0.19**		0.05 U	0.05 U	0.05 U		**0.99**	9.13
MW-10	20	2/4/2013	2 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	3.88
MW-10	25	2/4/2013	2 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	2.27
MW-11	15	2/4/2013	**1600**	50 U	250 U	**0.12**	**0.11**	**0.73**	**1.3**	**0.4**			0.05 U			**0.33**	3.31
MW-11	23	2/4/2013	**7.6**	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U						0.05 U	
MW-12	17.5	2/5/2013	2 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U			0.05 U			0.05 U	2.77
MW-12	23	2/5/2013	2 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	0.05 U						0.05 U	
MW-13	14	9/16/2014	2 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	2.47
MW-14	12	9/15/2014	2 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	4.62
MW-14	18	9/15/2014	2 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	2.28
MW-15	12.5	9/15/2014	**66**	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	4.19
MW-15	16	9/15/2014	2 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	5.06
MW-15	29	9/15/2014	2 U			0.02 U	0.02 U	0.02 U			0.06 U						
MW-16	14	9/15/2014	**1500**	50 U	250 U	0.003 U	0.005 U	**0.04**	**0.03**	0.005 U		0.005 U	0.005 U	0.005 U		**0.033**	6.44
MW-16	17.5	9/15/2014	**18**	50 U	250 U	0.003 U	0.005 U	**0.0055**	0.01 U	0.005 U		0.005 U	0.005 U	0.005 U		0.005 U	4.11
MW-16	30	9/15/2014	2 U			0.02 U	0.02 U	0.02 U			0.06 U						
MW-18	13 ft.	9/6/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-18	28 ft.	9/6/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-19	13 ft.	9/6/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-19	26 ft.	9/6/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-20	15 ft.	9/7/2016	**790**	50 U	250 U	**0.68**	**3.7**	**3**			**6.1**						
MW-20	17 ft.	9/7/2016	**6500**	**1100 X**	250 U	**41**	**41**	**20**			**130**						
MW-20	20 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-20	28 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-21	15 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-21	18 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-21	28 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-22	17 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						
MW-22	28 ft.	9/7/2016	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U			0.06 U						

Notes:
Bold = analyte detected
Highlight = result exceeds MTCA Method A cleanup level.
A blank cell indicates that the sample was not analyzed for the specific analyte.
(*) Asterisk = The MTCA Method A cleanup level for Northwest total petroleum hydrocarbons in the gasoline range when benzene is present.

Abbreviations:
PAHs = polycyclic aromatic hydrocarbons
MTCA = Model Toxins Control Act
ft. bgs = feet below ground surface
U = result is below the laboratory practical quantitation level shown.
X = the chromatographic pattern does not match the fuel standard used for quantitation.

Table 4. Summary of Analytical Results for Site COPCs in Groundwater

Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

	Analyte Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds										PAHs	Metals
	Constituent of Potential Concern	Gasoline	Diesel	Motor Oil	Benzene	Toluene	Ethylbenzene	m,p- xylene	o-xylene	Total Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether (MTBE)	n-Hexane	Naphthalene	Total Lead[1]
	MTCA Method A Cleanup Level, Unrestricted Landuse	800 [2]	500	500	5	1000	700	1000	1000	1000	0.01	5	20		160	
	MTCA Method B Cleanup Level, Table Value				0.795	640	800	1600	1600	1600	0.0219	0.481	24.3	480	160	
Sample Location	Sample Date	Units micrograms per liter (µg/L)														
MW-01	2/13/2013	1700	400 X	250 U	0.35	1 U	1 U	2 U	1 U		1 U	1 U	1 U		1 U	1 U
	5/14/2013	2400	480 X	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	5.5	1 U	
	8/15/2013	2900	570 X	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	8.5	1 U	
	1/16/2014	2800	550 X	250 U	0.35 U	1 U	1 U	2 U	1 U							
	5/8/2014	2700	570 X	250 U	0.35 U	1 U	1 U	2 U	1 U							
	9/22/2014	2700	560 X	250 U	1 U	16	7.6			20						
	12/22/2014	2000	320 X	250 U	1 U	1 U	7			16						
	3/25/2015	1800	330 X	250 U	2.8	12	6.3			18						
	10/4/2016	550	73	250 U	1 U	1 U	2.2			3.8						1 U
	1/18/2017	720	96	250 U	1 U	1 U	2.8			4						3.96
	4/11/2017	1600	420 X	250 U	1.9	1 U	7.1			12						1 U
	7/12/2017	620	200 X	250 U	1 U	1 U	2.9			4						1 U
MW-07	2/13/2013	990	240 X	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U		1 U	1 U
	5/14/2013	2300	450 X	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U	
	8/15/2013	1900	460 X	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U	
	1/16/2014	770	220 X	250 U	0.35 U	1 U	1 U	2 U	1 U							
	5/8/2014	470	160 X	250 U	0.35 U	1 U	1 U	2 U	1 U							
	9/22/2014	890	250 X	250 U	2.2	1 U	3.6			11						
	12/23/2014	460	110 X	250 U	1 U	1 U	1.5			3.5						
	3/25/2015	740	250 X	250 U	1.6	5.6	2.5			5.1						
	10/4/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1.09
	1/18/2017	100	110	250 U	1 U	1 U	1 U			3 U						1 U
	4/11/2017	930	350 X	250 U	1 U	1 U	2.8			4.6						1 U
	7/12/2017	160	230 X	250 U	1 U	1 U	1 U			3 U						1 U
MW-08	2/13/2013	510	230 X	250 U	20	1.5	3.4	7.9	3.8		1 U	1 U	1 U		1.8	1 U
	5/14/2013	310	100 X	250 U	5.1	1.2	3.5	4.6	1		1 U	1 U	1 U	3.7	3.1	
	8/15/2013	380	200 X	250 U	9.7	2.9	18	6.9	1.1		1 U	1 U	1 U	8	5.5	
	1/16/2014	230	110 X	250 U	3.6	1 U	5.3	2 U	1 U			1 U				
	5/8/2014	750	200 X	250 U	14	4.1	11	12	2.3			1 U				
	9/22/2014	920	170 X	250 U	36	14	63			44						
	12/23/2014	1100	160 X	250 U	46	12	60			29						
	3/25/2015	2300	470 X	250 U	56	38	150	220	31			1 U			37	1 U
	10/5/2016	4500	820	300 U	330	37	250			94						1 U
	1/19/2017	6200	50 U	250 U	440	70	310			180						1 U
	4/12/2017	6300	670 X	250 U	290	100	320			410						1 U
	7/13/2017	7800	1400 X	350 U	490	120	460			390						1 U
MW-10	2/13/2013	2500	430 X	250 U	56	85	100	300	110		1 U	1.4	1 U		33	1 U
	5/14/2013	1300	320 X	250 U	44	4.2	78	61	10		1 U	1.1	1 U	11	28	
	8/15/2013	3900	850 X	250 U	89	45	170	420	140		1 U	2.1	1 U	28	70	
	1/16/2014	1100	160 X	250 U	13	5.4	46	92	15							
	5/8/2014	950	300 X	250 U	32	4.3	63	23	5.2			1 U				
	9/23/2014	100 U	50 U	250 U	1 U	1 U	1 U			3 U						
	12/23/2014	100 U	50 U	250 U	1 U	1 U	1 U			3 U		1 U				
	3/25/2015	100	50 U	250 U	3	1	7	8.2	1 U			1 U			1.9	
	10/4/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U		1 U				1 U
	1/18/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U		1 U				1 U
	4/11/2017	1500	550 X	250 U	33	11	51			85		1 U				1 U
	7/12/2017	400	240 X	250 U	11	3.8	19			9.7		1 U				1 U

Table 4. Summary of Analytical Results for Site COPCs in Groundwater

Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

	Analyte Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds										PAHs	Metals
	Constituent of Potential Concern	Gasoline	Diesel	Motor Oil	Benzene	Toluene	Ethylbenzene	m,p- xylene	o-xylene	Total Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether (MTBE)	n-Hexane	Naphthalene	Total Lead[1]
	MTCA Method A Cleanup Level, Unrestricted Landuse	800 [2]	500	500	5	1000	700	1000	1000	1000	0.01	5	20		160	
	MTCA Method B Cleanup Level, Table Value				0.795	640	800	1600	1600	1600	0.0219	0.481	24.3	480	160	
Sample Location	Sample Date	Units micrograms per liter (µg/L)														
MW-11	2/13/2013	**5000**	**1400 X**	**280 X**	**430**	**71**	**160**	**350**	**110**		1 U	**10**	1 U		**56**	**3.93**
	5/14/2013	**1900**	**420 X**	250 U	**110**	**7.7**	**45**	**65**	**7.6**		1 U	**2.6**	1 U	**40**	**15**	
	8/15/2013	**2600**	**820 X**	**320 X**	**260**	**24**	**84**	**110**	**13**		1 U	**5.8**	1 U	**46**	**26**	
	1/16/2014	**1800**	**490 X**	250 U	**54**	**5.8**	**65**	**54**	**4.1**			1 U				
	5/8/2014	**2700**	**920 X**	250 U	**70**	**7.3**	**74**	**71**	**5.9**			1 U				
	9/22/2014	**1300**	**260 X**	250 U	**34**	**8.2**	**41**			**38**		1 U				1 U[1]
	12/30/2014	**1900**	**1100 X**	**540 X**	**40**	**12**	**59**			**50**		1 U				1 U
	3/25/2015	**1600**	**720 X**	**330 X**	**35**	**4.2**	**50**	**39**	**3.4**			1 U			**9.2**	1 U
	10/5/2016	**1900**	**590**	**290**	**20**	**7.7**	**48**			**56**		1 U				1 U
	1/19/2017	**2900**	**890**	**370**	**35**	1 U	**66**			**65**		1 U				1 U
	4/12/2017	**2600**	**800 X**	**270 X**	**51**	**12**	**96**			**100**		1 U				1 U
	7/13/2017	**1500**	**1300 X**	**670 X**	**61**	**3.9**	**38**			**37**		1 U				1 U
MW-12	2/13/2013	100 U	**150 X**	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U		1 U	1 U
	5/14/2013	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U	
	8/15/2013	100 U	**80 X**	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U	
	1/16/2014	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U			1 U				
	5/8/2014	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U							
	9/22/2014	100 U	50 U	250 U	1 U	1 U	1 U			3 U		1 U				1 U[1]
	12/30/2014	100 U	**55 X**	250 U	1 U	1 U	1 U			3 U						
	3/25/2015	100 U	**61 X**	250 U	1 U	1 U	1 U			3 U						
	10/3/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	4/10/2017	100 U	**200 X**	250 U	1 U	1 U	1 U			3 U						1 U
	5/2/2017		50 U	250 U												
	7/11/2017	100 U	**130 X**	250 U	1 U	1 U	1 U			3 U						1 U
MW-13	9/23/2014	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U		1 U	
	12/29/2014	100 U	50 U	250 U	1 U	1 U	1 U			3 U				1 U		1 U
	3/25/2015	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U	
	10/4/2016	100 U	65 U	325 U	1 U	1 U	1 U			3 U						1 U
	1/18/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	4/10/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/11/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
MW-14	9/23/2014	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U		1 U	
	12/23/2014	100 U	50 U	250 U	1 U	1 U	1 U			3 U				1 U		1 U
	3/25/2015	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U	
	10/4/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	1/18/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	4/10/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/11/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
MW-15	9/23/2014	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U		1 U	1 U	1 U		1 U	1 U[1]
	12/29/2014	100 U	50 U	250 U	1 U	1 U	1 U			3 U				1 U		1 U
	3/25/2015	100 U	50 U	250 U	0.35 U	1 U	1 U	2 U	1 U	3 U	1 U	1 U	1 U	1 U	1 U	
	10/4/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	4/10/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/11/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U

Table 4. Summary of Analytical Results for Site COPCs in Groundwater

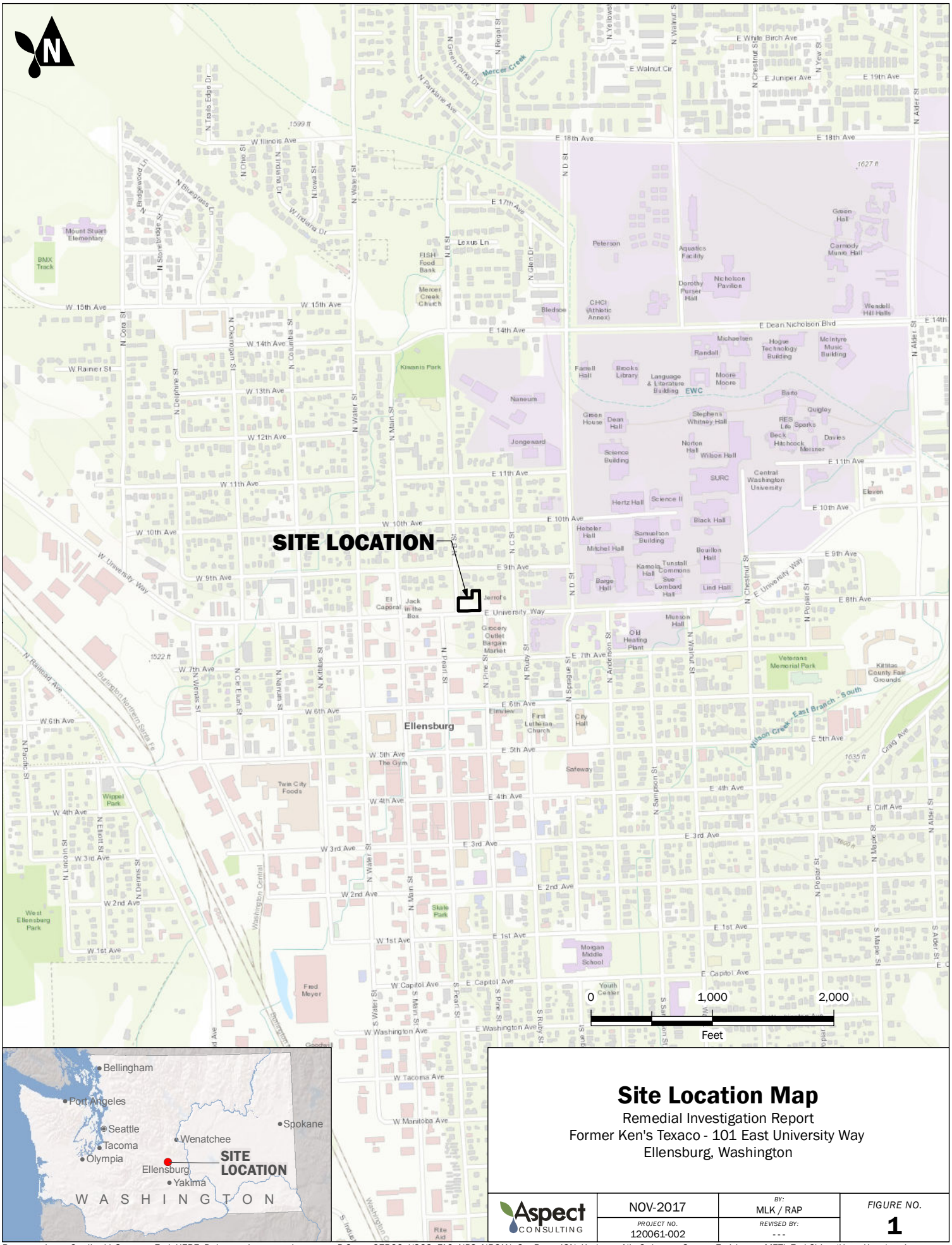
Project No. 120061, Ken's Texaco
101 E University Way, Ellensburg, WA

	Analyte Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds										PAHs	Metals
	Constituent of Potential Concern	**Gasoline**	**Diesel**	**Motor Oil**	**Benzene**	**Toluene**	**Ethylbenzene**	**m,p- xylene**	**o-xylene**	**Total Xylenes**	**1,2-Dibromoethane (EDB)**	**1,2-Dichloroethane (EDC)**	**Methyl tert-butyl ether (MTBE)**	**n-Hexane**	**Naphthalene**	**Total Lead[1]**
	MTCA Method A Cleanup Level, Unrestricted Landuse	800 [2]	500	500	5	1000	700	1000	1000	1000	0.01	5	20		160	
	MTCA Method B Cleanup Level, Table Value				0.795	640	800	1600	1600	1600	0.0219	0.481	24.3	480	160	
Sample Location	**Sample Date**	**Units** micrograms per liter (µg/L)														
MW-16	9/23/2014	**2400**	**670 X**	250 U	0.35 U	1 U	**25**	**15**	**1 U**		1 U	1 U	1 U		**29**	1 U[1]
	12/29/2014	**660**	**350 X**	250 U	1 U	1 U	**11**			3 U				**7.2**	**8.1**	1 U
	3/25/2015	**470**	**120 X**	250 U	0.35 U	1 U	**14**	**2 U**	**1 U**		1 U	1 U	1 U	**3.2**	**8.3**	1 U
	10/5/2016	**660**	**100**	250 U	1 U	1 U	**3.5**			3 U						1 U
	1/19/2017	**970**	**130**	250 U	1 U	**1.5**	**5.5**			3 U						1 U
	4/11/2017	**2300**	**430 X**	250 U	1 U	1 U	**28**			**4.6**						1 U
	7/13/2017	**510**	**240 X**	350 U	1 U	1 U	**5**			3 U						1 U
MW-18	10/3/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U						
	1/17/2017	100 U	**790**	250 U	1 U	1 U	1 U			3 U						1 U
	4/11/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/12/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
MW-19	10/3/2016	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	1/18/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	4/10/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/11/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
MW-20	10/5/2016	**4100**	**570**	250 U	**41**	**40**	**15**			**71**	1 U	1 U	1 U	**110**	**7.6**	**2.02**
MW-21	1/18/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						**1.32**
	4/10/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/13/2017	100 U	70 U	350 U	1 U	1 U	1 U			3 U						1 U
MW-22	4/11/2017	100 U	50 U	250 U	1 U	1 U	1 U			3 U						1 U
	7/12/2017	100 U	90 U	450 U	1 U	1 U	1 U			3 U						**1.07**

Notes:
Bold = analyte detected
Highlight = result exeeds MTCA Method A cleanup level.
A blank cell indicates that the sample was not analyzed for the specific analyte.
1. Results with a note indicate that the sample was analyzed for dissolved lead rather than total lead.
2. The MTCA Method A cleanup level for northwest total petroleum hydrocarbons in the gasoline range when benzene is present.

Abbreviations:
PAHS = polycyclic aromatic hydrocarbons
MTCA = Model Toxins Control Act
ft bgs = feet below ground surface
X = the chromatograhic pattern does not match the fuel standard used for quantitation.
U = result is below the laboratory practical quantitation level shown.

FIGURES



Site Location Map

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING	NOV-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: ---	1

Basemap Layer Credits || Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Copyright:© 2014 Esri

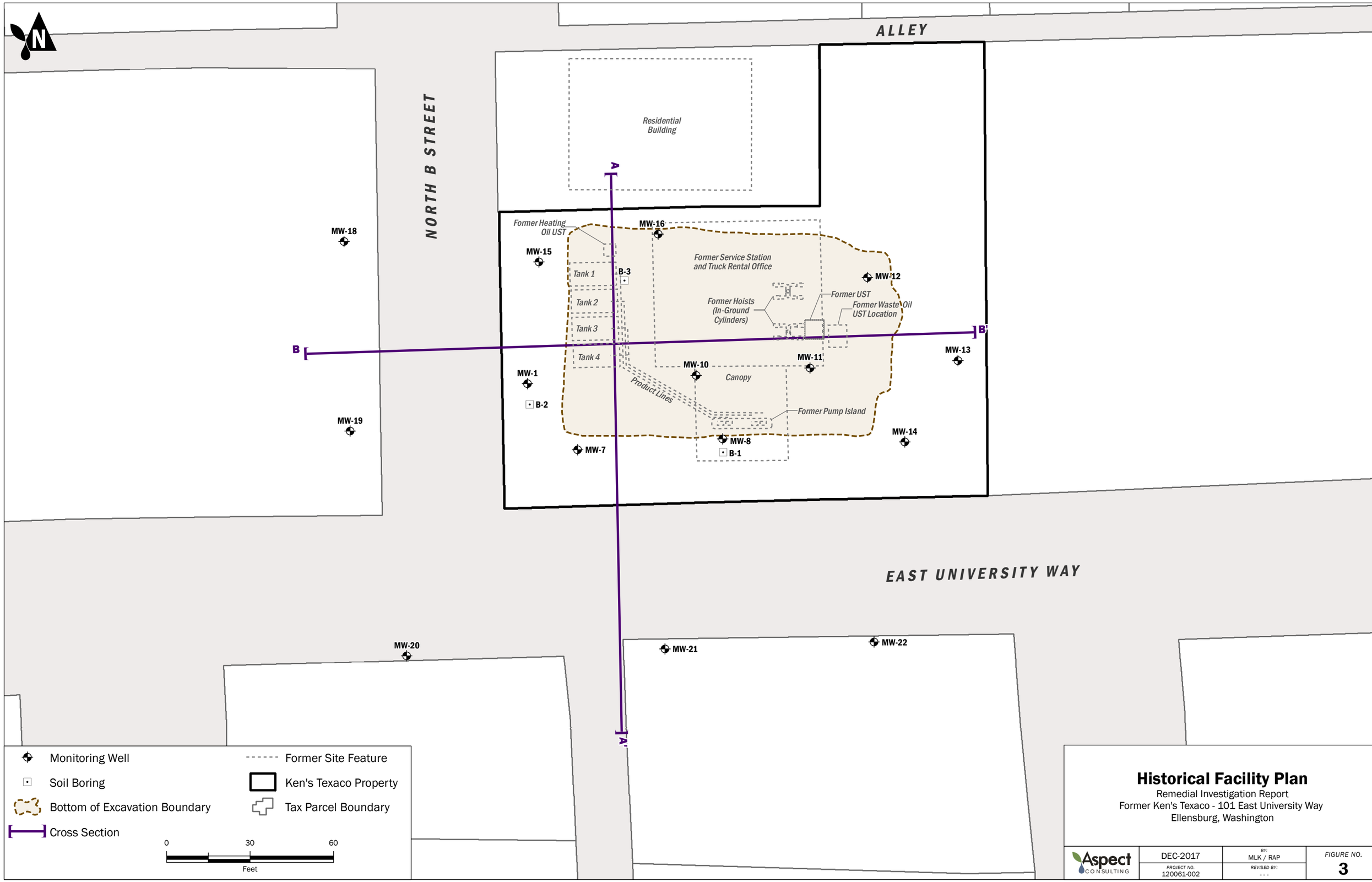
Site Plan

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING	DEC-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: - - -	2

Basemap Layer Credits || Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

GIS Path: T:\projects_8\KensTexaco\Delivered\RI\02 Site Plan.mxd || Coordinate System: NAD 1983 StatePlane Washington South FIPS 4602 Feet || Date Saved: 12/15/2017 || User: rpopin || Print Date: 12/15/2017

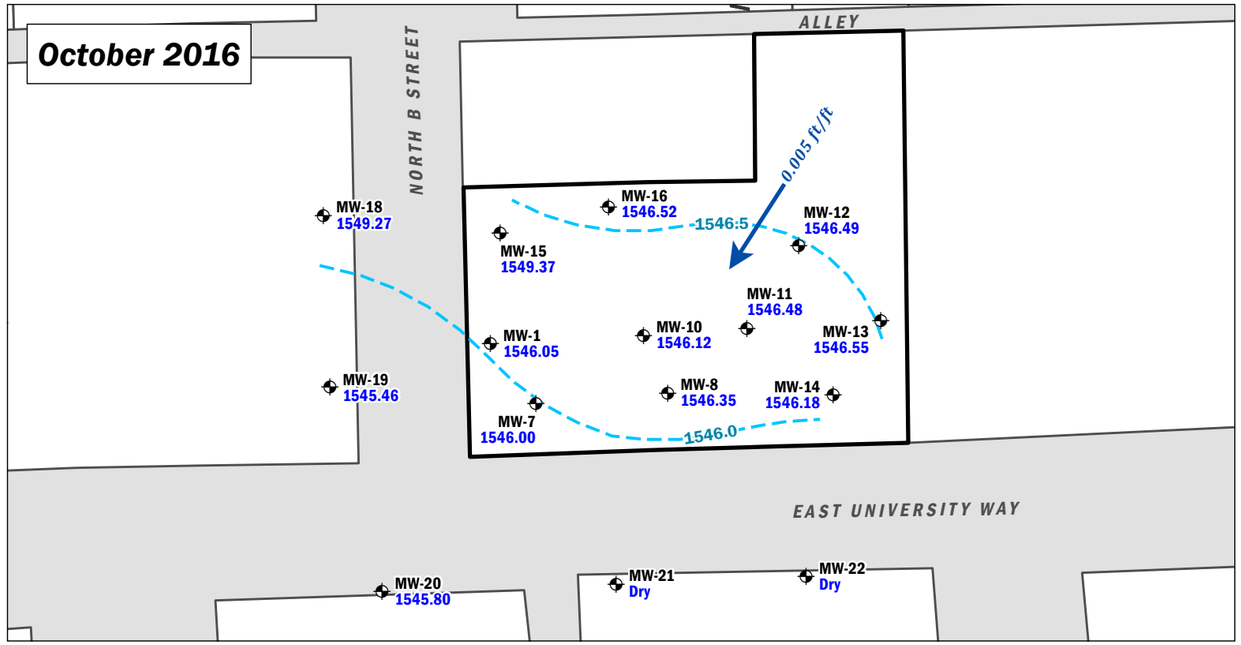


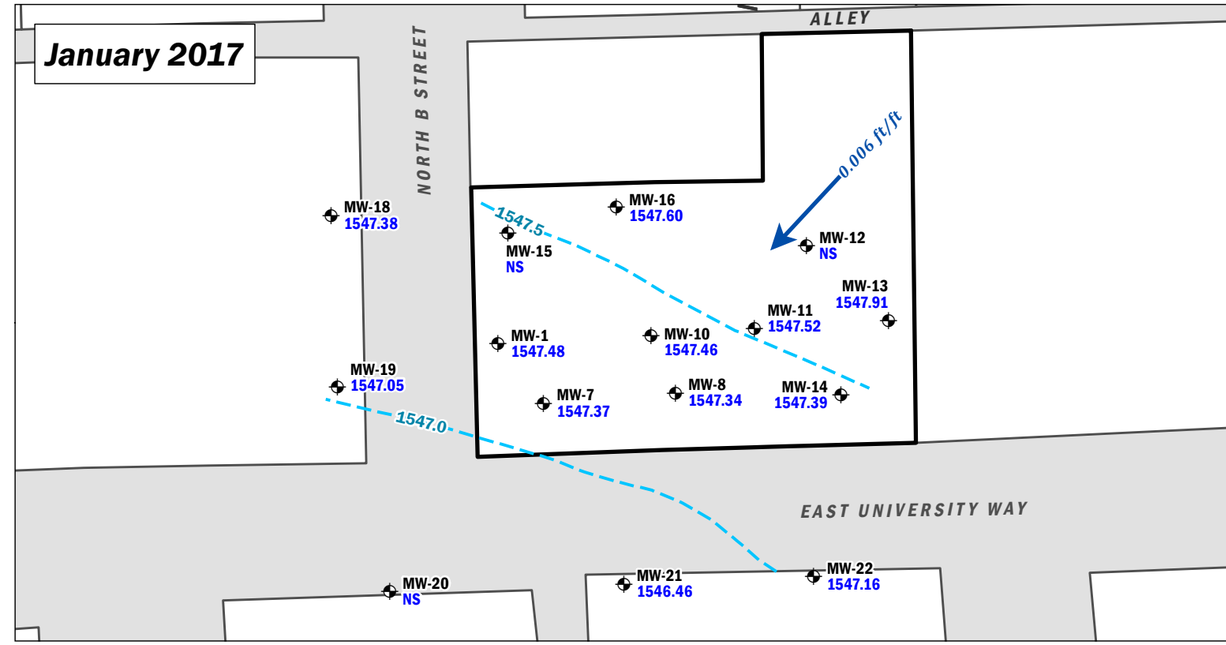
Historical Facility Plan

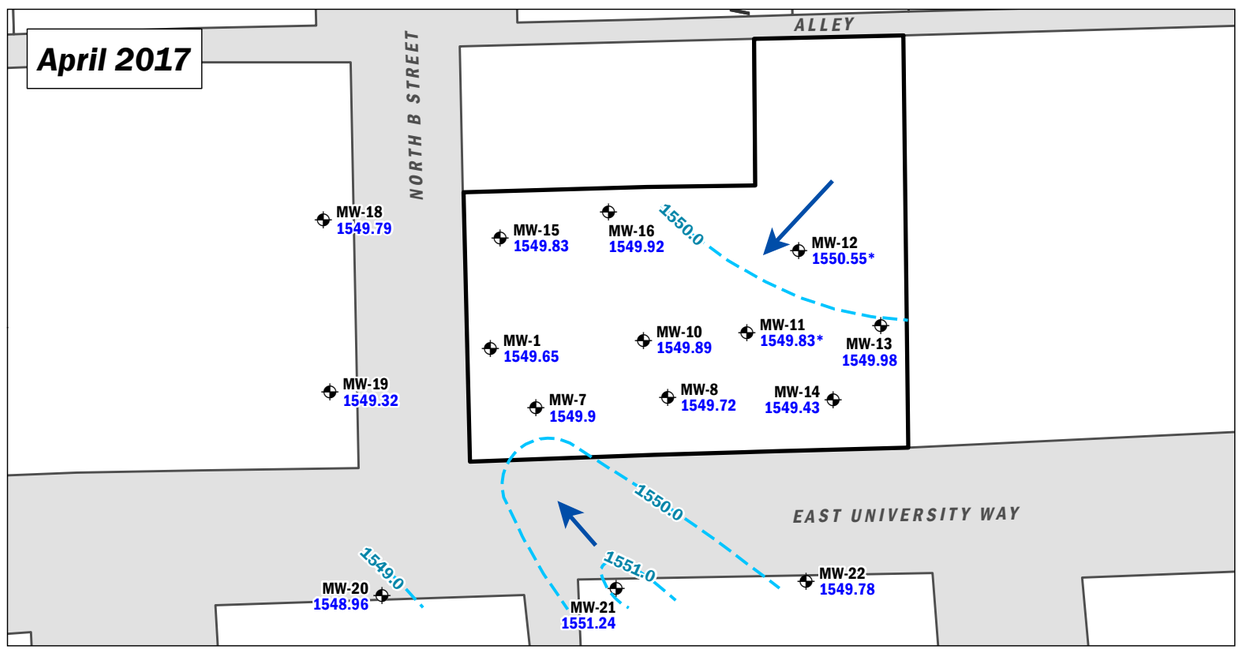
Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

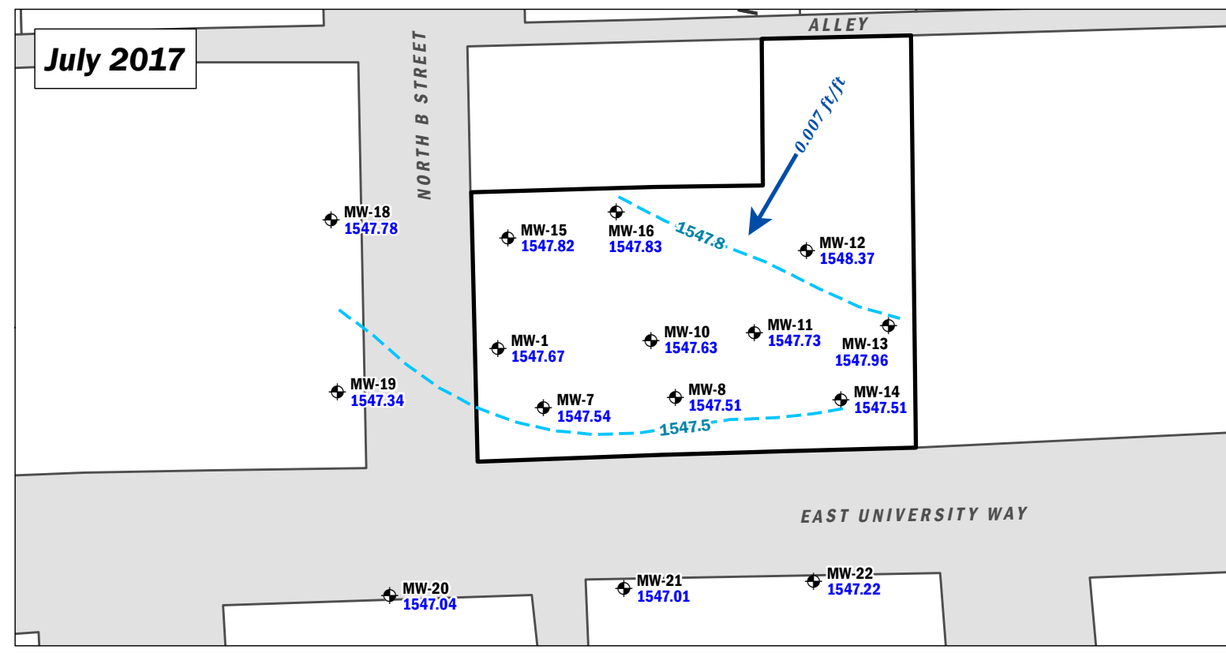
Aspect CONSULTING	DEC-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: - - -	3

GIS Path: T:\projects_8\Kens\fasco\Delivered\RI\03 Historical Facility Plan.mxd || Coordinate System: NAD 1983 StatePlane Washington South FIPS 4602 Feet || Date Saved: 12/15/2017 || User: rpegan || Print Date: 12/15/2017









0.005 ft/ft → Inferred Groundwater Flow Direction and Gradient

Groundwater Elevation Contour (ft)

Ken's Texaco Property

Tax Parcel Boundary

Well Name → MW-18
Groundwater Elevation (ft)* → 1549.27
Monitoring Well

Note: A meaningful groundwater gradient could not be calculated for April 2017 data due to the flat water table and the presence of a possible cross gradient. See text for further discussion.

**"NS" indicates well Not Sampled. Groundwater elevation is an estimate. Damage to the monitoring well casing and monument were observed. Top of casing was resurveyed on 5/2/17.*

N

0 30 60
Feet

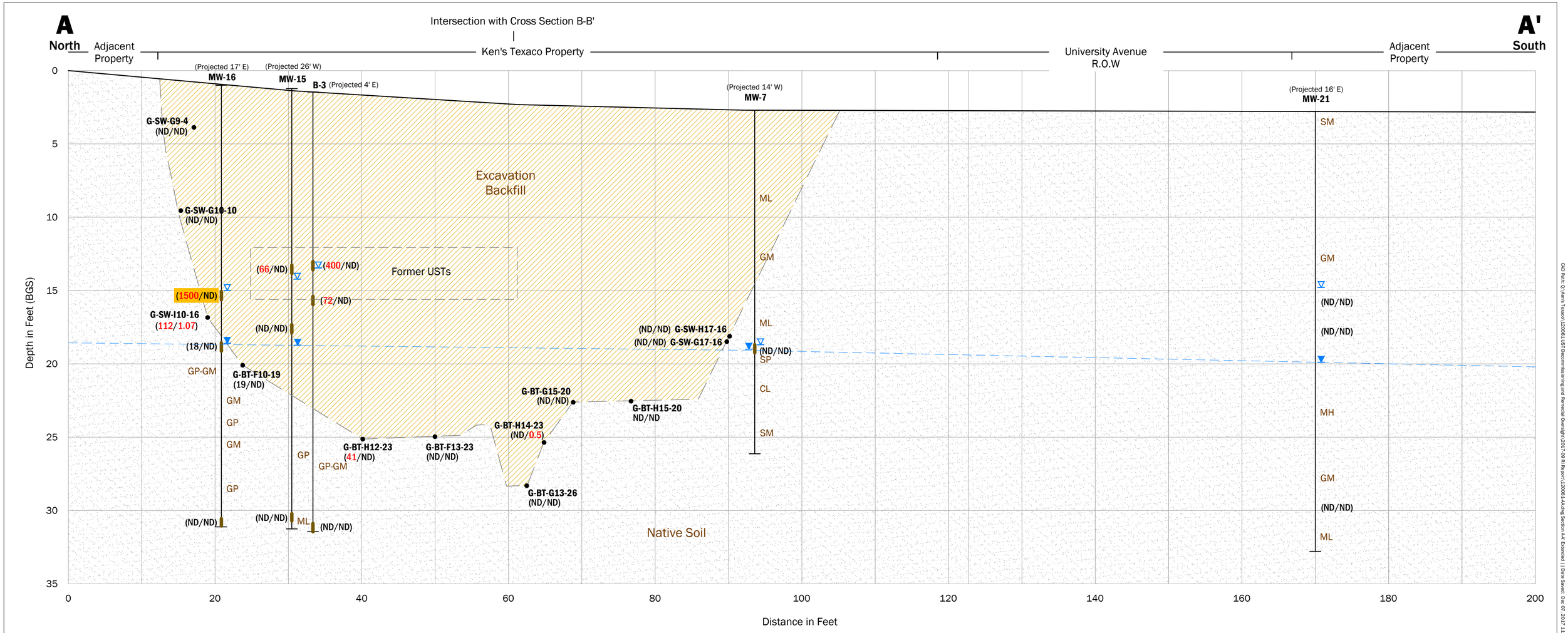
Groundwater Elevations and Gradient October 2016 through July 2017

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING

DEC-2017	BY: MLK / RAP	FIGURE NO.
PROJECT NO. 120061-002	REVISED BY: - - -	4

GIS Path: T:\projects_8\KensTexaco\Delivered\RI\04 Groundwater Elevation.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 12/15/2017 || User: rjeplin || Print Date: 12/15/2017



Legend

(890/2.2) Sampling Results
Gasoline/Benzene Concentrations in mg/kg

RED MTCA Exceedance
Gasoline (>30 mg/kg)
Benzene (>0.03 mg/kg)

Detection of gasoline in MW-16 soil sample likely due to the proximity to impacted soil in the excavation sidewall.

G-SW-E15-16 — Sample Location
G-BT-J13-22 — Sample Type (Sidewall)
Sample Depth
Sample Type (Bottom)

MW-16 — Monitoring Well or Boring ID
GM — USCS Classification
Water Level at Time of Drilling
Soil Sampling Interval
Water Level July 2017

Approximate Excavation Boundary
July 2017 Water Table

Note: See boring logs for complete lithologic descriptions.

Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 5'
Vertical Exaggeration 2x

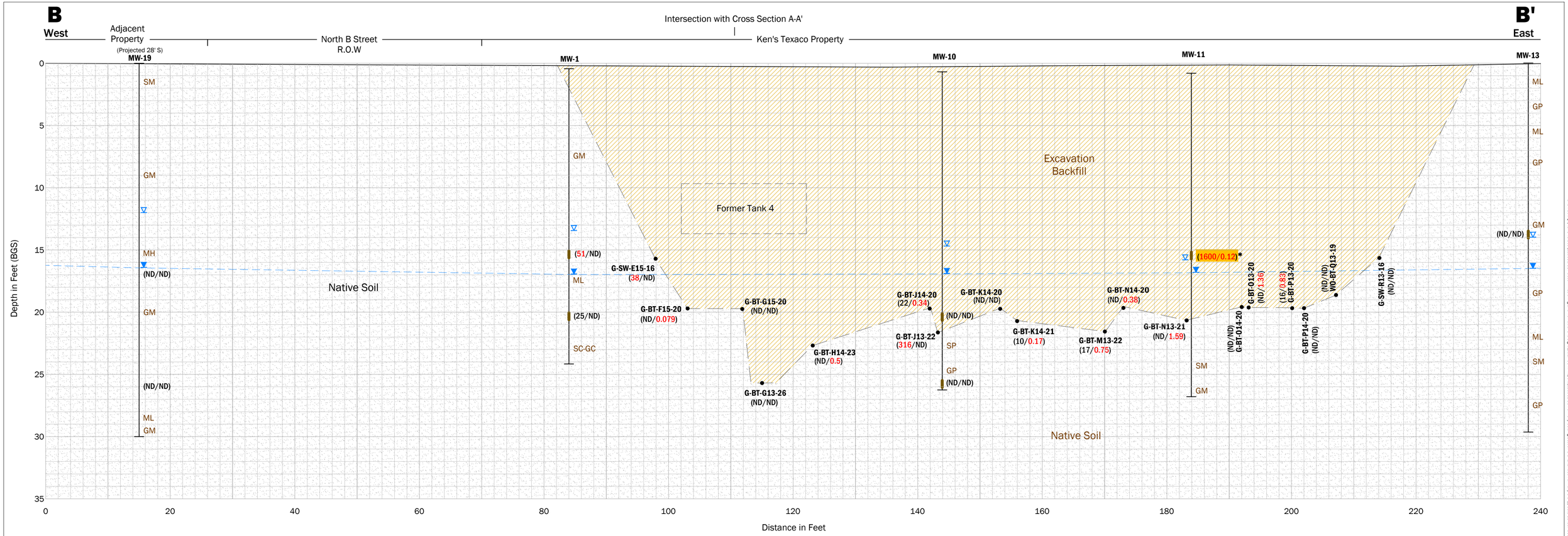
0 10 20 Feet

Cross-section A-A' Soil Conditions

Ken's Texaco
101 East University Way
Ellensburg, Washington

Aspect CONSULTING	Dec-2017	BY: KSL/SCC	FIGURE NO.
	PROJECT NO. 120061	REVISED BY: SCC	5

CAD Path: Q:\Ken's Texaco\120061 UST Decommissioning and Remedial Oversight\2017-09 RI Report\120061-AA.dwg Section A-A' Extended | | Date Saved: Dec 07, 2017 11:28am | | User: scott



Legend

(890/2.2) Sampling Results
Gasoline/Benzene Concentrations in mg/kg

RED MTCA Exceedance
Gasoline (>30 mg/kg)
Benzene (>0.03 mg/kg)

Detection of gasoline in MW-11 soil sample likely due to the proximity to impacted soil in the excavation sidewall.

Sample Location
Sample Type (Sidewall)
Sample Depth
G-SW-E15-16
G-BT-J13-22
Sample Type (Bottom)

MW-19 — Monitoring Well or Boring ID
GM — USCS Classification
Water Level at Time of Drilling
Soil Sampling Interval
Water Level July 2017

Approximate Excavation Boundary
July 2017 Water Table

Notes:
*The 15 ft sample from MW-11 likely represents impacted soil left in place during the phased remedial excavation.

See boring logs for complete lithologic descriptions.

Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 5'
Vertical Exaggeration 2x

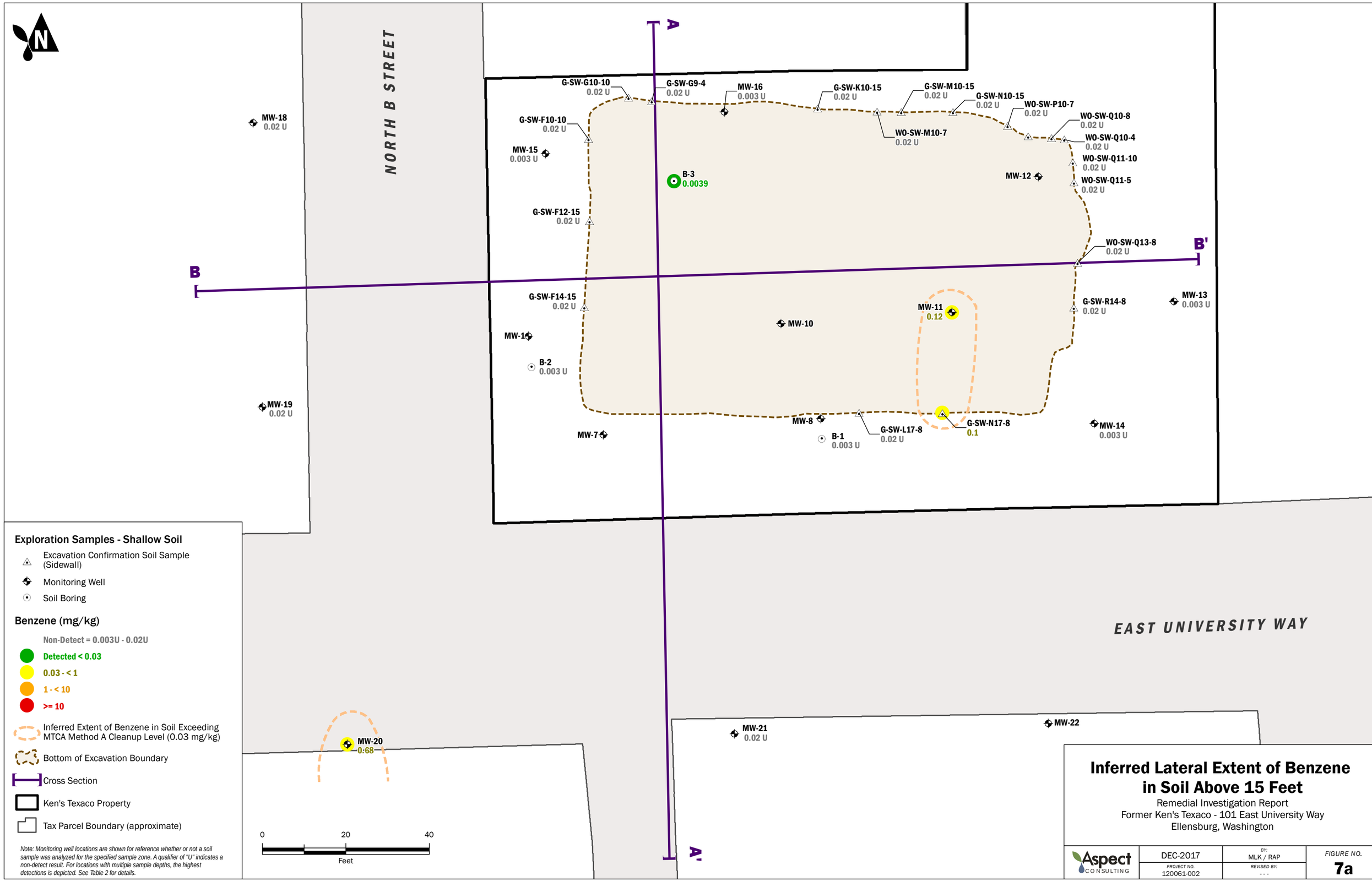
0 10 20 Feet

Cross-section B-B' Soil Conditions

Ken's Texaco
101 East University Way
Ellensburg, Washington

Aspect Consulting	Dec-2017	BY: KSL/SCC	FIGURE NO.
	PROJECT NO. 120061	REVISED BY: SCC	6

CAD Path: Q:\Ken's Texaco\120061.1ST Decommissioning and Remedial Oversight\2017-09 RI Report\120061.8B Formerly C2-Freq Section B-B' Extended Formerly C-C' | Date Saved: Dec 07, 2017 11:30am | User: scott

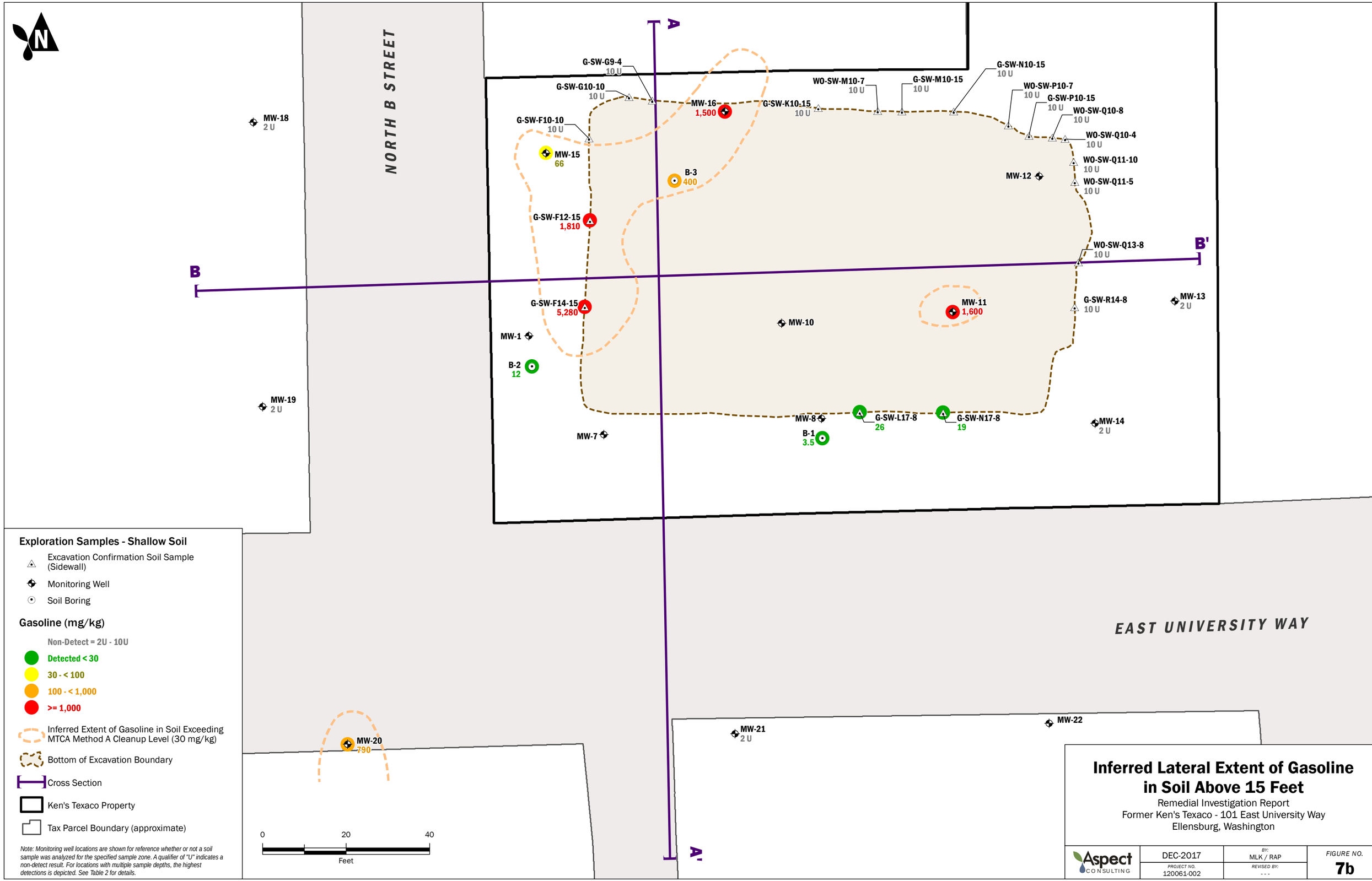


Inferred Lateral Extent of Benzene in Soil Above 15 Feet

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING	DEC-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: - - -	7a

GIS Path: T:\projects_8\KensTexaco\Delivered\RI\05a Lateral Extent of Benzene in Soil Above 15 ft.mxd || Coordinate System: NAD 1983 StatePlane Washington South FIPS 4602 Feet || Date Saved: 12/27/2017 || User: rpopin || Print Date: 12/27/2017



Exploration Samples - Shallow Soil

- Excavation Confirmation Soil Sample (Sidewall)
- Monitoring Well
- Soil Boring

Gasoline (mg/kg)

- Non-Detect = 2U - 10U
- Detected < 30
- 30 - < 100
- 100 - < 1,000
- >= 1,000

- Inferred Extent of Gasoline in Soil Exceeding MTCA Method A Cleanup Level (30 mg/kg)
- Bottom of Excavation Boundary
- Cross Section
- Ken's Texaco Property
- Tax Parcel Boundary (approximate)

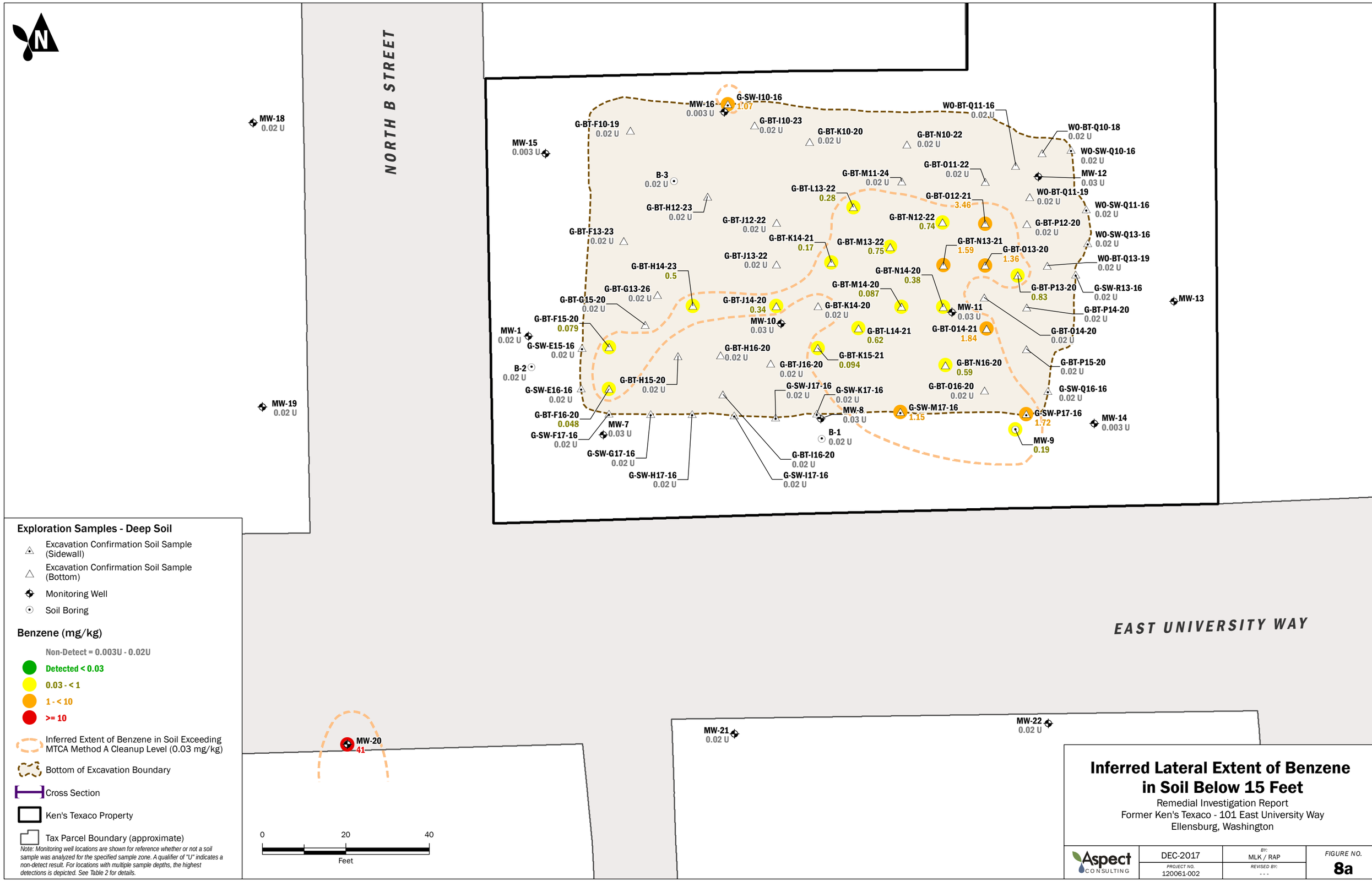
Note: Monitoring well locations are shown for reference whether or not a soil sample was analyzed for the specified sample zone. A qualifier of "U" indicates a non-detect result. For locations with multiple sample depths, the highest detections is depicted. See Table 2 for details.

Inferred Lateral Extent of Gasoline in Soil Above 15 Feet

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING	DEC-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: - - -	7b

GIS Path: T:\projects_8\KensTexaco\Delivered\RI\GIS\Lateral Extent of Gasoline in Soil Above 15 ft.mxd || Coordinate System: NAD 1983 StatePlane Washington South FIPS 4602 Feet || Date Saved: 12/27/2017 || User: rpapin || Print Date: 12/27/2017

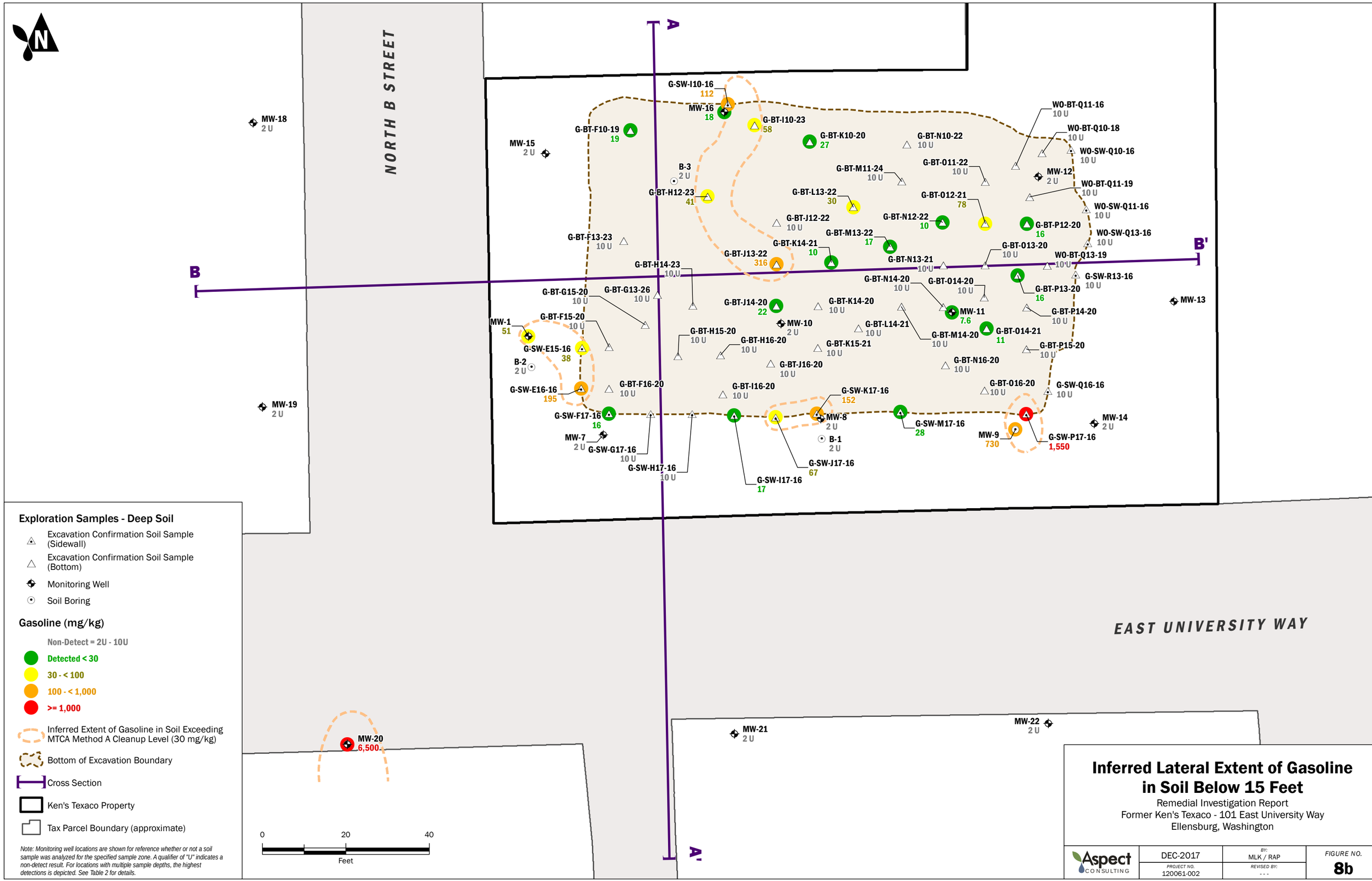


Inferred Lateral Extent of Benzene in Soil Below 15 Feet

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING	DEC-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: - - -	8a

GIS Path: T:\projects_8\KensTexaco\Delivered\RI\06-Lateral Extent of Benzene in Soil Below 15 ft.mxd || Coordinate System: NAD 1983 StatePlane Washington South FIPS 4602 Feet || Date Saved: 12/27/2017 || User: rpeign || Print Date: 12/27/2017



Exploration Samples - Deep Soil

- Excavation Confirmation Soil Sample (Sidewall)
- Excavation Confirmation Soil Sample (Bottom)
- Monitoring Well
- Soil Boring

Gasoline (mg/kg)

- Non-Detect = 2U - 10U
- Detected < 30
- 30 - < 100
- 100 - < 1,000
- >= 1,000
- Inferred Extent of Gasoline in Soil Exceeding MTCA Method A Cleanup Level (30 mg/kg)
- Bottom of Excavation Boundary
- Cross Section
- Ken's Texaco Property
- Tax Parcel Boundary (approximate)

Note: Monitoring well locations are shown for reference whether or not a soil sample was analyzed for the specified sample zone. A qualifier of "U" indicates a non-detect result. For locations with multiple sample depths, the highest detections is depicted. See Table 2 for details.

Inferred Lateral Extent of Gasoline in Soil Below 15 Feet

Remedial Investigation Report
Former Ken's Texaco - 101 East University Way
Ellensburg, Washington

Aspect CONSULTING	DEC-2017	BY: MLK / RAP	FIGURE NO.
	PROJECT NO. 120061-002	REVISED BY: - - -	8b

GIS Path: T:\projects_8\KensTexaco\Delivered\RI\06b Lateral Extent of Gasoline in Soil Below 15 ft.mxd || Coordinate System: NAD 1983 StatePlane Washington South FIPS 4602 Feet || Date Saved: 12/27/2017 || User: rpopin || Print Date: 12/27/2017

APPENDIX A

UST Decommissioning and Soil Remediation Report, Aspect 2012 (on CD)

UST DECOMMISSIONING AND SOIL REMEDIATION REPORT

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Prepared for: Ken Volland

Project No. 120061-01 • December 6, 2012

earth + water

Aspect CONSULTING

Aspect CONSULTING

UST DECOMMISSIONING AND SOIL REMEDIATION REPORT

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Prepared for: Ken Volland

Project No. 120061-01 • December 6, 2012

Aspect Consulting, LLC

State of Washington
Hydrogeologist
2224
Licensed Geologist
Robert Reginald Hanford

12/6/2012

Robert R. Hanford, LHG
Senior Geologist
bhanford@aspectconsulting.com

William V. Goodhue, LHG
Senior Associate Hydrogeologist
cgoodhue@aspectconsulting.com

W:\120061 Ken's Texaco\Deliverables\UST Decom and Soil Remed Report\Ken's Texaco Soil Rem and UST Decom Report 12-6-2012.doc

Contents

1 Introduction 1

2 Site Description and Land Use 1

3 Environmental and Regulatory History 2

3.1 Previous Environmental Assessments 2

3.2 Washington State Department of Ecology Notifications 2

4 Site Geology 2

5 Site Hydrogeology 2

6 Pre-Remediation Soil and Groundwater Quality 3

Contaminants of Potential Concern 4

7 Cleanup Levels 5

8 Site Decommissioning and Soil Remediation 5

8.1 Pre-Remediation Activities 5

8.1.1 Permits 5

8.1.2 UST Change In Service Notification 5

8.2 USTs Decommissioning and Hydraulic Lift Removal 5

8.2.1 UST Site Assessment 6

8.3 Overburden and Impacted Soil Excavation 6

8.4 Confirmation Soil Sampling 7

8.5 Summary of Confirmation Soil Sample Results 7

8.6 Waste Disposal 8

9 Monitoring Well Decommissioning 8

10 Excavation Backfill and Site Restoration 8

Limitations 9

List of Tables

1 Soil Quality Data for Excavation Final Confirmation Samples

2 Soil Quality Data for Interim Samples in Areas Subsequently Excavated

3 Soil Quality Data for Stock Piles

List of Figures

1 Site Location Map

2 Site Plan with Historic Exploration Locations

3 Final Confirmation Sample Locations

4 Final Confirmation Sample Locations with TPH Exceedances

5 Final Confirmation Sample Locations with Benzene Exceedances

List of Appendices

A Copies of Previous Investigations

B Laboratory Reports (on CD)

C City of Ellensburg Permits, Environmental Checklist, and SEPA Determination of Non-Significance

D Notice of Intent to Decommission USTs

E UST Site Assessment Checklist, and Closure and Site Assessment Notice

F Waste Disposal Documentation (on CD)

G Well Decommissioning Reports

1 Introduction

This report prepared on behalf of Ken Volland presents the results of site demolition, underground storage tank (UST) decommissioning and soil remediation at the former Ken's Texaco site in Ellensburg, Washington (Site). The soil remediation work, completed by Aspect Consulting, LLC (Aspect) and Clearcreek Contractors Inc., addressed releases of gasoline and waste oil to soil and groundwater. This document was prepared in general accordance with the requirements of the Washington State Model Toxics Control Act (MTCA) Cleanup Regulation adopted by the Washington State Department of Ecology (Ecology) in Chapter 173-340 of the Washington Administrative Code (WAC), and is intended to meet the reporting requirements in WAC 173-340-450 for site characterization and remediation at leaking UST sites.

2 Site Description and Land Use

The Site is located at 101 East University Way in Ellensburg, Washington, as shown on Figure 1. The Site is approximately 0.4-acre in area, and is bounded to the west by North B Street, to the north by a residential property, to the east by a parking lot and a commercial property, and to the south by East University Way. The Site had been an active Texaco branded service station since 1954. Gasoline sales ended in January 2010, when the USTs were registered with the Ecology as temporarily closed and awaiting decommissioning.

Prior to Site demolition, five USTs were located beneath a concrete pad on the west side of the service station building. These USTs included:

- Two, 6,000-gallon gasoline tanks,
- Two, 4,000-gallon gasoline tanks, and
- One, 300-gallon heating oil tank.

A waste oil UST, formerly located to the east of the service station building, was removed in 1993. Other Site improvements included:

- A pump island and canopy with two dispensers located to the south of the service station building, between the building and East University Way
- A three-bay automotive service building with a small attached office. The service bays included two hydraulic cylinder lifts.

A Site Plan showing the pre-demolition and remediation layout is provided on Figure 2. The Site is currently cleared and all site improvements have been removed.

3 Environmental and Regulatory History

3.1 Previous Environmental Assessments

Previous environmental assessment studies at the Site were completed by Aspect, 2008; PBS Engineering and Environmental (PBS), 2006; and Sage Earth Services, Inc., 1994. Copies of the previous investigations are included in Appendix A.

The results of recent and historical investigations (Aspect, 2008; PBS Engineering and Environmental, 2006; and Sage Earth Services, Inc., 1994) confirmed the presence of gasoline-, diesel- and oil-range total petroleum hydrocarbons (TPHs) and related compounds in soil and groundwater at the Site at concentrations above current MTCA Method A cleanup levels for unrestricted land use. Affected soil and groundwater were documented to the south and west of the existing USTs beneath the service station building, and also to the east of the service station building near the location of the former waste oil UST. Investigations completed prior to the remedial work indicated the potential for up to 9 feet of unaffected overburden soil in the areas around the UST nest with shallower affected soils beneath the building and in the former waste oil UST location.

3.2 Washington State Department of Ecology Notifications

A release of gasoline and waste oil from the UST system at the Site was originally reported to Ecology by Mr. Ken Volland following the limited site assessment performed by PBS in 2006.

4 Site Geology

Site soils consist generally of approximately 10 to 14 feet of silty gravel to gravelly silt with cobbles overlying non-silty to silty sand, sandy gravel, and silt.

5 Site Hydrogeology

Groundwater is present at the Site in unconsolidated sands and gravel. Based on drilling, test pits, and groundwater monitoring, estimated groundwater depths range seasonally from approximately 10 to 20 feet below ground surface (bgs). Based on the depth of affected soil noted during soil excavation, post-1954 historic water table depth at the Site may have exceeded 26 feet bgs in some areas. Recharge associated with current irrigation

practices may be the cause of the current shallower depths to groundwater observed at the Site.

Nearby surface water bodies include Wilson Creek, located 2,000 feet to the east of the Site, and Mercer Creek, located 1,700 feet to the west. Both creeks drain in a southwesterly direction to the Yakima River. Regional groundwater flow in the Ellensburg area is expected to be to the south or southwest, toward the Yakima River. Local groundwater flow direction at the Site, based on local topography and surface water occurrence, may be more southeast, toward Wilson Creek.

6 Pre-Remediation Soil and Groundwater Quality

TPH as gasoline was detected at concentrations exceeding MTCA Method A cleanup levels for unrestricted land use in soil samples collected from direct push borings installed adjacent to the USTs and beneath the service bay during PSB's UST Site Assessment completed in 2006. Oil-impacted soil was also found beneath the service bay but at concentrations below the MTCA Method A cleanup levels for unrestricted land use.

A former 280-gallon waste oil UST, located east of the service station building, was removed in 1993. A site assessment was completed at the time of the UST removal by Sage Earth Services, Inc. (*Closure Site Assessment for the Ken's Texaco, Inc. Facility, Ellensburg, WA,* Sage Earth Sciences Inc., February 22, 1994*).* The site assessment indicated that the tank was in apparent good condition, but that there were visual indicators of hydrocarbons in soil around the UST. Two sidewall samples and three stock pile samples were collected and analyzed for TPH by Method 418.1. The stock pile samples were also analyzed for total metals (lead, arsenic, cadmium, chromium, and mercury). The sidewall samples contained TPH at concentrations ranging from 60 to 28,779 milligrams per kilograms (mg/kg). The stock pile samples contained TPH at concentrations ranging from 5,977 to 48,536 mg/kg. No overexcavation of affected soil was attempted, and the soil excavated to accommodate UST removal was reportedly used to backfill the UST excavation.

Aspect conducted additional soil and groundwater investigations in October 2008, April 2010, and October 2011. Historic exploration locations are shown on Figure 2, and historic sampling results are included in Appendix A.

In October 2008, four borings (MW-1 through MW-4) were drilled at the Site, with three completed as monitoring wells. Gasoline-range TPHs were detected in soil boring MW-2 at a concentration exceeding the MTCA Method A cleanup level for unrestricted land use of 30 mg/kg for TPH as gasoline (when benzene is present). Benzene was also detected at a depth of 22 feet bgs in this boring at a concentration of 0.11 mg/kg, which is marginally above the MTCA Method A cleanup levels for unrestricted land use of 0.03 mg/kg for benzene. Diesel- and oil-range TPHs were detected in soil samples collected at 4- and 9-foot depths from the boring MW-3 located near the former waste oil UST. The detected

concentrations of TPH as oil in these samples were above the applicable MTCA Method A cleanup level for unrestricted land use of 2,000 mg/kg.

Soil samples collected from supplemental test pit explorations completed in April 2010 and October 2011 confirmed that TPHs as gasoline in soil exceeded MTCA Method A cleanup levels in an area extending from the UST nest to the western and southern property boundaries, and to the east beyond the pump island. Benzene exceedances of the MTCA Method A soil cleanup level were present in a number of these soil samples collected for the test pits.

Groundwater sampling completed by Aspect in July 2008 and April 2010 from monitoring well MW-1, MW-2, and MW-3 confirmed that contaminants of potential concern (COPCs), including TPHs and BTEX compounds, were present in the Site groundwater. TPHs as gasoline, benzene, ethylbenzene, xylenes, naphthalene, and TPHs as diesel were detected above the respective MTCA Method A cleanup levels for unrestricted land use in well MW-2. TPHs as gasoline were also detected above the MTCA Method A cleanup level in well MW-1. TPHs as diesel and oil were detected above the MTCA Method A cleanup level in well MW-3.

Contaminants of Potential Concern

Constituent concentrations in soil were compared to the MTCA Method A cleanup levels for unrestricted land use to identify COPCs at the Site. Based on the historical site usage and types of TPHs historically present, and the frequency and magnitude of detected constituent concentrations, the following CPOCs and numeric MTCA Method A soil cleanup levels were identified for the Site:

COPCs	MTCA Method A Cleanup Levels for Soil[1]
TPH as gasoline	30 mg/kg (benzene present)
TPH as diesel	2,000 mg/kg
TPH as oil	2,000 mg/kg
Benzene	0.03 mg/kg
Toluene	7 mg/kg
Ethylbenzene	6 mg/kg
Xylenes	9 mg/kg
Naphthalene	5 mg/kg

[1] Milligram/kilogram (mg/kg).

For Site soil-impacted by waste oil releases, additional constituents were analyzed as required (per WAC 173-340-900, Table 830-1) in several historical soil samples. These additional constituents included selected metals (lead, cadmium, chromium, arsenic, mercury), polychlorinated biphenyls (PCBs), halogenated volatile organic compounds (HVOCs), and carcinogenic PAHs (cPAHs). Historic sampling completed during the waste oil tank removal included analysis of these constituents with the exception of cPAHs and HVOCs. PCBs were not detected in waste oil-affected soil and concentrations of metals, with the exception of lead, below the MTCA Method A soil cleanup levels.

7 Cleanup Levels

The cleanup goals chosen for soil and groundwater at the Site are the MTCA Method A cleanup levels for unrestricted land use. Selection of MTCA Method A cleanup levels is consistent with MTCA regulatory requirements as the remedial action is routine, and there are published MTCA Method A soil cleanup levels for all COPCs.

8 Site Decommissioning and Soil Remediation

Building demolition, UST decommissioning, hydraulic lift removal, and excavation of the soil with concentrations of CPOCs above MTCA Method A cleanup levels were completed between April 14 and May 18, 2012. Details of the demolition, decommissioning, and completed remedial actions are provided in the following sections.

8.1 Pre-Remediation Activities

8.1.1 Permits

Clearcreek Contractors contacted the City of Ellensburg (City) in advance of the remediation activities regarding the need for construction or excavation permits. Clearcreek secured the required permits for Demolition, Right-of-Way, and UST Decommissioning. Aspect submitted the required SEPA Environmental checklist, and the City issued a Determination of Non-Significance on July 1, 2010. The City of Ellensburg permits, the Environmental Checklist and City-issued SEPA DNS are included in Appendix C.

8.1.2 UST Change In Service Notification

A Notice of Intent to decommission the previously documented USTs was submitted by Clearcreek to Ecology on December 16, 2010. (Appendix D).

8.2 USTs Decommissioning and Hydraulic Lift Removal

UST Decommissioning

Clearcreek Contractors completed decommissioning of the four steel gasoline USTs and the heating oil UST between April 14 and April 20, 2012. The locations of the USTs are shown on Figure 2. Concrete and soil were removed, exposing the top of the USTs. The USTs were rendered inert by displacing oxygen within the USTs with carbon dioxide. Air monitoring was conducted by a marine chemist to ensure conditions were inert inside the USTs. The lined steel tanks were then removed, inspected, cut open, cleaned, and hauled off-site for recycling at Reecar Creek Excavating, LLC in Ellensburg, Washington. The USTs appeared to be in good condition, with no evidence of holes. Backfill immediately surrounding the USTs consisted of pea gravel and native soil. This material did not exhibit evidence of hydrocarbon impacts in the form of staining or odor.

Pump Islands and Product Line Removal

Following the UST decommissioning, Clearcreek Contractors excavated and removed the pump islands and piping. No indications of staining or odor were observed in shallow soil beneath the pump island or piping runs.

Hydraulic Lift Removal

As part of the Site demolition, two hydraulic lifts were removed from the service bays. Emerald Services pumped all fluids from the lifts prior to removal. Soil impacted by hydraulic fluid was evident in a limited area surrounding each lift. Excavated soil surrounding the lifts was loaded directly for disposal. Once no field indicators of oil were present, the soil was stock piled and sampled. The owner, Ken Volland, took possession of the hydraulic lifts when they were removed from the ground.

8.2.1 UST Site Assessment

The Ecology-required UST Site Check/Site Assessment was conducted by Aspect in accordance with Ecology's Guidance for Site Checks and Site Assessments for Underground Storage Tanks, revised October 1992. Collection of confirmation samples in the USTs areas was completed during the course of soil remediation. The soil remediation and results of confirmation sampling are discussed in detail in the following sections of this report. The UST Site Assessment Checklist, and Closure and Site Assessment Notice, are provided in Appendix E.

8.3 Overburden and Impacted Soil Excavation

Clearcreek Contractors, at Aspect's direction, conducted excavation of TPH-impacted soil between April 24 and May 17, 2012. The lateral extent of the completed remedial excavation is shown on Figure 3.

All excavated soil was field screened with a PID, and visually inspected for the presence of staining or sheen indicative of petroleum impacts. Soil that appeared free of petroleum impacts, including overburden soil in the approximately the upper 10 feet of the excavation area, was stock piled for further testing. Soil exhibiting elevated PID readings, staining, or sheen was loaded directly to trucks.

Potentially non-impacted soil was initially stock piled in approximately 100 yard piles and sampled. Three discrete samples were collected from each approximate 100 cubic yard pile. Samples were analyzed for NWTPH-Gx, NWTPH-Dx and BTEXN with the addition of VOCs for overburden soil in the former waste oil UST area. Stock pile sample results were below the MTCA Method A soil cleanup level for all analytes tested. Stock pile sample results are presented in Table 3. This stock piled soil was subsequently used for Site backfill.

Site soils were observed to be moist to wet below approximately 12 feet during excavation activities. Soils were generally very well-graded with high silt and clay content, and yielded only limited free water drainage into the excavation. A total of less than 50 gallons of water were moved during remedial excavation activities. Water removed from the excavation was combined with the UST rinsate for disposal at Emerald Services.

8.4 Confirmation Soil Sampling

Confirmation soil samples were collected from the excavated areas to adequately characterize soil quality in the excavation sidewalls and floors. Sidewall and bottom confirmation samples were collected at regular intervals, generally for every 20 feet of excavation perimeter and for every 200 square feet of floor area. The locations of the final confirmation samples are shown on Figure 3. A total of 81 final confirmation samples were collected from the excavation. These included 45 final bottom confirmation samples and 36 final sidewall confirmation samples.

Samples were hand delivered to an on-site laboratory operated by Libby Environmental, a Washington-State accredited laboratory, for expedited analysis. Samples were handled according to industry-standard chain-of-custody protocols. Soil sample analyses for the gasoline UST excavation included TPH as gasoline, diesel, and oil by Northwest Methods NWTPH-Gx and NWTPH-Dx, and BTEXN by EPA Method 8260C. Samples from areas with waste oil impacts were analyzed for TPHs as gasoline, diesel, and oil by NWTPH-Gx and NWTPH-Dx, and VOCs by EPA Method 8260C. Laboratory reports for all samples are included in Appendix B.

In some areas, initial confirmation sample analytical results indicated CPOCs remained above MTCA Method A soil cleanup levels. These areas were generally over–excavated, and additional confirmation samples were collected. Also, some areas with initial shallow samples below MTCA Method A soil cleanup levels required subsequent excavation to access deeper impacted soil. Soil below MTCA Method A cleanup levels that was excavated was stock piled for reuse on Site. Results for interim soil samples that were subsequently excavated are presented in Table 2.

Final confirmation soil samples with TPH as gasoline or oil exceeding MTCA Method A cleanup levels shown on Figure 4. These samples included six sidewall where no additional lateral excavation was feasible, and two floor where excavation logistics prevented further over-excavation. Laboratory results for the final confirmation samples in the gasoline UST affected area are presented in Table 1.

Final confirmation soil samples with one or more BTEX compounds exceeding MTCA Method A cleanup levels are shown on Figure 5. These samples included four sidewall where no additional lateral excavation was feasible, and 18 floor (bottom) samples where low level benzene exceedances remained. These low level benzene exceedancees in the floor (bottom) samples were typically not accompanied by any field indicators of petroleum or detectable TPH, and they likely reflected dissolved benzene in soil pore water. Additional over-excavation of these areas was not deemed warranted. All final confirmation sample results are tabulated in Table 1.

8.5 Summary of Confirmation Soil Sample Results

All final confirmation sample results are tabulated in Table 1. Final confirmation soil samples with TPH as gasoline or oil exceeding MTCA Method A cleanup levels are shown on Figure 4. These samples included six sidewall where no additional lateral excavation was feasible, and two floor where excavation logistics made further over-excavation impractical.

Final confirmation soil samples with one or more BTEX compounds exceeding MTCA Method A cleanup levels are shown on Figure 5. These samples included four sidewall where no additional lateral excavation was feasible, and 18 floor where low level benzene exceedances remained. These low level benzene exceedancees likely reflected primarily dissolved benzene in soil pore water. Additional over-excavation of these areas was not deemed warranted.

8.6 Waste Disposal

Laboratory reports for soil samples were provided to Clearcreek Contractors, who prepared the waste disposal profile for the soil. All excavated impacted soil was either loaded directly to trucks, or temporarily stock piled on-Site and covered with plastic. Over the course of the project, a total of 6,955 tons of impacted soil was delivered to Waste Management in Wenatchee, Washington for disposal. Soil disposal documentation and trucking records are included in Appendix F.

Over the course of the project approximately 569 gallons of rinsate from the tank cleaning and groundwater from the excavation water were removed by Clearcreek Contractors, and delivered to Emerald Services for disposal. Disposal documentation is included in Appendix F.

9 Monitoring Well Decommissioning

Two existing monitoring wells located within the area of excavation were decommissioned by a licensed engineer from Aspect Consulting prior to the start of soil remediation activities. Copies of the well decommissioning reports are provided in Appendix G.

10 Excavation Backfill and Site Restoration

Excavation backfilling was conducted in phases and was completed on May 19, 2012. In the deeper portion of the excavation, clean excavated overburden material passing the end-use criteria stock pile testing was placed and compacted using a vibratory hoe-pack. The upper portions of the excavation were backfilled with imported granular fill placed in approximately 1-foot lifts and compacted using a vibratory hoe-pack. Approximately 6 inches of crushed gravel was placed and compacted for the finished grade.

Limitations

Work for this project was performed and this report prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

All reports prepared by Aspect Consulting are intended solely for Ken Volland (Client) and apply only to the services described in the Agreement with Client. Any use or reuse by Client for purposes outside of the scope of Client's Agreement is at the sole risk of Client and without liability to Aspect Consulting. Aspect Consulting shall not be liable for any third parties' use of the deliverables provided by Aspect Consulting. Aspect Consulting's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Table 1 - Soil Quality Data for Excavation Final Confirmation Samples

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-BT-F10-19 4/25/2012	G-BT-F13-23 4/27/2012	G-BT-F15-20 5/9/2012	G-BT-F16-20 5/9/2012	G-BT-G13-26 4/27/2012	G-BT-G15-20 5/9/2012	G-BT-G15-20 FD 5/9/2012	G-BT-H12-23 4/30/2012	G-BT-H14-23 4/30/2012	G-BT-H14-23 FD 4/30/2012	G-BT-H15-20 5/10/2012	G-BT-H16-20 5/10/2012	G-BT-I10-23 4/26/2012	G-BT-I16-20 5/10/2012	G-BT-J12-22 4/30/2012	G-BT-J13-22 4/30/2012	G-BT-J14-20 5/11/2012	G-BT-J14-20 FD 5/11/2012	G-BT-J16-20 5/11/2012	G-BT-K10-20 4/26/2012
Total Petroleum Hydrocarbons																					
Gasoline Range Hydrocarbons in mg/kg	30[1]	19	10 U	10 U	10 U	10 U	10 U	10 U	41	10 U	10 U	10 U	10 U	58	10 U	10 U	316	22	26	10 U	27
Diesel Range Hydrocarbons in mg/kg	2,000	25 U	25 U			25															
Mineral Oil in mg/kg	2,000	40 U	40 U			40 U															
Oil (C25-C36) in mg/kg	2,000	40 U	40 U			40 U															
Volatile Organic Compounds																					
Benzene in mg/kg	0.03	0.02 U	0.02 U	0.079	0.048	0.02 U	0.02 U	0.02 U	0.02 U	0.5	0.45	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.34	0.37	0.02 U	0.02 U
Ethylbenzene in mg/kg	6	0.03 U	0.14	0.3	0.052	0.03 U	0.03 U	0.03 U	0.5	0.13	0.13	0.03 U	0.03 U	0.3	0.03 U	0.03 U	0.073	0.27	0.27	0.03 U	0.03 U
Toluene in mg/kg	7	0.03 U	0.03 U	0.06	0.11	0.03 U	0.1	0.096	0.03 U	0.063	0.064	0.1	0.03 U	0.12	0.03 U	0.03 U	0.14	0.29	0.31	0.03 U	0.03 U
Xylenes (total) in mg/kg	9	0.03 U	0.03 U	0.1	0.12	0.13	0.13	0.087	1.4	0.2	0.19	0.13	0.03 U	0.98	0.03 U	0.03 U	7.84	1.54	1.62	0.081	0.03 U
Naphthalene in mg/kg	5	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.065	0.03 U	0.03 U	7.93	0.11	0.15	0.29	0.44

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

U - Analyte was not detected at or above the reported result.

Table 1 - Soil Quality Data for Excavation Final Confirmation Samples

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-BT-K14-20 5/11/2012	G-BT-K14-21 5/15/2012	G-BT-K15-21 5/15/2012	G-BT-K15-21 FD 5/15/2012	G-BT-L13-22 5/1/2012	G-BT-L14-21 5/15/2012	G-BT-M11-24 5/2/2012	G-BT-M13-22 5/2/2012	G-BT-M14-20 5/16/2012	G-BT-N10-22 5/3/2012	G-BT-N12-22 5/3/2012	G-BT-N12-22 FD 5/3/2012	G-BT-N13-21 5/9/2012	G-BT-N14-20 5/16/2012	G-BT-N16-20 5/16/2012	G-BT-O11-22 5/3/2012	G-BT-O12-21 5/9/2012	G-BT-O13-20 5/9/2012	G-BT-O13-20 FD 5/9/2012	G-BT-O14-20 5/14/2012
Total Petroleum Hydrocarbons																					
Gasoline Range Hydrocarbons in mg/kg	30[1]	10 U	10	10 U	10 U	30	10 U	10 U	17	10 U	10 U	10	10	10 U	10 U	10 U	10 U	78	10 U		10 U
Diesel Range Hydrocarbons in mg/kg	2,000													25 U				25 U	25 U	25 U	25 U
Mineral Oil in mg/kg	2,000													40 U				40 U	40 U	40 U	40 U
Oil (C25-C36) in mg/kg	2,000													40 U				40 U	40 U	40 U	40 U
Volatile Organic Compounds																					
Benzene in mg/kg	0.03	0.02 U	0.17	0.094	0.077	0.28	0.62	0.02 U	0.75	0.087	0.02 U	0.74	0.74	1.59	0.38	0.59	0.02 U	3.46	1.36		0.02 U
Ethylbenzene in mg/kg	6	0.055	0.16	0.061	0.056	0.11	0.03 U	0.03 U	0.2	0.03 U	0.03 U	0.35	0.35	0.22	0.13	0.03 U	0.03 U	0.37	0.03 U		0.03 U
Toluene in mg/kg	7	0.03 U	0.13	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.42	0.03 U	0.03 U	0.15	0.13	0.09	0.068	0.03 U	0.03 U	0.21	0.03 U		0.03 U
Xylenes (total) in mg/kg	9	0.03 U	0.45	0.3	0.27	0.11	0.13	0.03 U	1.17	0.077	0.09	0.38	0.35	0.17	0.24	0.03 U	0.03 U	1.82	0.03 U		0.03 U
Naphthalene in mg/kg	5	0.03 U	0.13	0.03 U	0.03 U	0.15	0.068	0.03 U	0.18	0.051	0.03 U	0.072	0.088	0.052	0.03 U	0.03 U	0.03 U	0.19	0.03 U		0.03 U

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

U - Analyte was not detected at or above the reported result.

Table 1 - Soil Quality Data for Excavation Final Confirmation Samples

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-BT-O14-20 FD 5/14/2012	G-BT-O14-21 5/9/2012	G-BT-O16-20 5/14/2012	G-BT-P12-20 5/9/2012	G-BT-P13-20 5/9/2012	G-BT-P14-20 5/9/2012	G-BT-P14-20 5/16/2012	G-BT-P15-20 5/14/2012	G-SW-E15-16 5/9/2012	G-SW-E16-16 5/9/2012	G-SW-E16-16 FD 5/9/2012	G-SW-F10-10 4/25/2012	G-SW-F12-15 4/27/2012	G-SW-F14-15 4/27/2012	G-SW-F17-16 5/9/2012	G-SW-G09-04 4/25/2012	G-SW-G09-04 FD 4/25/2012	G-SW-G10-10 4/25/2012	G-SW-G17-16 5/9/2012	G-SW-H17-16 5/10/2012
Total Petroleum Hydrocarbons																					
Gasoline Range Hydrocarbons in mg/kg	30[1]		11	10 U	16	16	10 U	10 U	10 U	38	195	184	10 U	1,810	5,280	16	10 U	10 U	10 U	10 U	10 U
Diesel Range Hydrocarbons in mg/kg	2,000	25 U	25 U		25 U	25 U	25 U			25 U	25 U		25 U	25 U	25 U	25 U	25 U	25 U	25 U		
Mineral Oil in mg/kg	2,000	40 U	40 U		40 U	40 U	40 U			40 U	40 U		40 U	40 U	40 U	40 U	40 U	40 U	40 U		
Oil (C25-C36) in mg/kg	2,000	40 U	40 U		979	40 U	40 U			40 U	40 U		40 U	40 U	40 U	40 U	40 U	40 U	40 U		
Volatile Organic Compounds																					
Benzene in mg/kg	0.03		1.84	0.02 U	0.02 U	0.83	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Ethylbenzene in mg/kg	6		0.41	0.03 U	0.03 U	0.3	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.45	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Toluene in mg/kg	7		0.09	0.22	0.03 U	0.094	0.03 U	0.03 U	0.03 U	0.044	0.039	0.044	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Xylenes (total) in mg/kg	9		0.14	0.03 U	0.15	0.48	0.03 U	0.03 U	0.03 U	0.038	0.03	0.034	0.03 U	0.03 U	1.15	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Naphthalene in mg/kg	5		0.071	0.03 U	0.03 U	0.07	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	1.45	3.65	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

U - Analyte was not detected at or above the reported result.

Table 1 - Soil Quality Data for Excavation Final Confirmation Samples

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-SW-H17-16 FD 5/10/2012	G-SW-I10-16 4/26/2012	G-SW-I17-16 5/10/2012	G-SW-J17-16 5/11/2012	G-SW-K10-15 4/26/2012	G-SW-K17-16 5/11/2012	G-SW-K17-16 5/15/2012	G-SW-L17-08 5/15/2012	G-SW-M10-15 5/2/2012	G-SW-M17-16 5/16/2012	G-SW-N10-15 5/3/2012	G-SW-N17-08 5/16/2012	G-SW-P10-15 5/3/2012	G-SW-P10-15 FD 5/3/2012	G-SW-P17-16 5/14/2012	G-SW-Q16-16 5/14/2012	G-SW-R13-16 5/16/2012	G-SW-R14-08 5/16/2012
Total Petroleum Hydrocarbons																			
Gasoline Range Hydrocarbons in mg/kg	30[1]	10 U	112	17	67	10 U	152	37	26	10 U	28	10 U	19	10 U	10 U	1,550	10 U	10 U	10 U
Diesel Range Hydrocarbons in mg/kg	2,000											25 U							
Mineral Oil in mg/kg	2,000											40 U							
Oil (C25-C36) in mg/kg	2,000											40 U							
Volatile Organic Compounds																			
Benzene in mg/kg	0.03	0.02 U	1.07	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1.15	0.02 U	0.1			1.72	0.02 U	0.02 U	0.02 U
Ethylbenzene in mg/kg	6	0.03 U	28.3	0.03 U	0.03 U	0.03 U	0.03 U	0.12	0.15	0.03 U	0.44	0.058	0.16			4.95	0.03 U	0.03 U	0.03 U
Toluene in mg/kg	7	0.03 U	0.31	0.059	0.03 U	0.03 U	0.052	0.074	0.081	0.03 U	0.11	0.03 U	0.03 U			3.79	0.03 U	0.03 U	0.03 U
Xylenes (total) in mg/kg	9	0.03 U	56.3	0.03 U	0.073	0.03 U	0.58	0.34	0.76	0.03 U	1.87	0.03 U	0.51			37.6	0.087	0.03 U	0.03 U
Naphthalene in mg/kg	5	0.03 U	6.79	0.03 U	0.064	0.03 U	0.64	0.082	0.097	0.03 U	0.56	0.03 U	0.2			4.17	0.03 U	0.03 U	0.03 U

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

U - Analyte was not detected at or above the reported result.

Table 1 - Soil Quality Data for Excavation Final Confirmation Samples

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	WO-BT-Q10-18 5/4/2012	WO-BT-Q10-18 FD 5/4/2012	WO-BT-Q11-16 5/4/2012	WO-BT-Q11-19 5/4/2012	WO-BT-Q13-19 5/4/2012	WO-SW-M10-07 5/1/2012	WO-SW-P10-07 5/3/2012	WO-SW-Q10-04 5/4/2012	WO-SW-Q10-08 5/4/2012	WO-SW-Q10-16 5/4/2012	WO-SW-Q10-16 FD 5/4/2012	WO-SW-Q11-05 5/4/2012	WO-SW-Q11-10 5/4/2012	WO-SW-Q11-10 FD 5/4/2012	WO-SW-Q11-16 5/4/2012	WO-SW-Q13-08 5/4/2012	WO-SW-Q13-08 FD 5/4/2012	WO-SW-Q13-16 5/4/2012
Total Petroleum Hydrocarbons																			
Gasoline Range Hydrocarbons in mg/kg	30[1]	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U
Diesel Range Hydrocarbons in mg/kg	2,000	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U		25 U	25 U		25 U	25 U	25 U	25 U
Mineral Oil in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U		40 U	40 U		40 U	40 U	40 U	40 U
Oil (C25-C36) in mg/kg	2,000	40 U	40 U	5,750	40 U	40 U	40 U	40 U	40 U	40 U	1,750		40 U	40 U		830	40 U	40 U	40 U
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
1,1,1-Trichloroethane in mg/kg	2	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,1,2,2-Tetrachloroethane in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,1,2-Trichloroethane in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
1,1-Dichloroethane in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,1-Dichloroethene in mg/kg		0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
1,1-Dichloropropene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,2,3-Trichlorobenzene in mg/kg		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
1,2,3-Trichloropropane in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,2,4-Trichlorobenzene in mg/kg		0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
1,2,4-Trimethylbenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,2-Dibromo-3-chloropropane in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
1,2-Dibromoethane (EDB) in mg/kg	0.005	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U
1,2-Dichlorobenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,2-Dichloroethane (EDC) in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
1,2-Dichloropropane in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,3,5-Trimethylbenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,3-Dichlorobenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
1,3-Dichloropropane in mg/kg		0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
1,4-Dichlorobenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
2,2-Dichloropropane in mg/kg		0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
2-Chlorotoluene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
4-Chlorotoluene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Benzene in mg/kg	0.03	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Bromobenzene in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
Bromodichloromethane in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Bromoform in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Bromomethane in mg/kg		0.09 U		0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		0.09 U
Carbon tetrachloride in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Chlorobenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Chloroethane in mg/kg		0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U
Chloroform in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Chloromethane in mg/kg		0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U
cis-1,2-Dichloroethene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
cis-1,3-Dichloropropene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Dibromochloromethane in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
Dibromomethane in mg/kg		0.04 U		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U		0.04 U
Dichlorodifluoromethane in mg/kg		0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U
Ethylbenzene in mg/kg	6	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
Hexachlorobutadiene in mg/kg		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Isopropylbenzene in mg/kg		0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U
Methyl tert-butyl ether (MTBE) in mg/kg	0.1	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Methylene chloride in mg/kg	0.02	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
n-Butylbenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
n-Propylbenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
p-Isopropyltoluene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
sec-Butylbenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Styrene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
tert-Butylbenzene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Tetrachloroethene (PCE) in mg/kg	0.05	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Toluene in mg/kg	7	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
trans-1,2-Dichloroethene in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
trans-1,3-Dichloropropene in mg/kg		0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
Trichloroethene (TCE) in mg/kg	0.03	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
Trichlorofluoromethane in mg/kg		0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U
Vinyl chloride in mg/kg		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Xylenes (total) in mg/kg	9	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
Naphthalene in mg/kg	5	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

U - Analyte was not detected at or above the reported result.

Table 2 - Soil Quality Data for Interim Samples in Areas Subsequently Excavated

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-BT-F10-14 4/25/2012	G-SW-J10-16 4/26/2012	G-SW-J10-16 FD 4/26/2012	G-SW-J12-15 4/30/2012	G-SW-K13-15 4/30/2012	G-SW-K13-15 FD 4/30/2012	G-SW-L10-07 4/26/2012	G-SW-L10-15 4/26/2012	G-SW-L13-15 5/1/2012	G-SW-L13-15 FD 5/1/2012	G-SW-M11-15 5/2/2012	G-SW-M13-15 5/2/2012	G-SW-N11-15 5/3/2012	G-SW-P11-15 5/3/2012	G-SW-P11-17 5/3/2012	G-SW-Q14-16 5/14/2012	WO-SW-K13-07 4/30/2012	WO-SW-K13-07 FD 4/30/2012
Total Petroleum Hydrocarbons																			
Gasoline Range Hydrocarbons in mg/kg	30[1]	620	3,810 e	3,580 e	10 U	36,300	44,100	10 U	160	25	29	232	5,970	99	10 U	10 U	263	10 U	
Diesel Range Hydrocarbons in mg/kg	2,000	25 U						25 U						481	25 U	25 U	25 U	25 U	25 U
Mineral Oil in mg/kg	2,000	40 U						40 U						40 U	40 U	40 U	40 U	40 U	40 U
Oil (C25-C36) in mg/kg	2,000	40 U						40 U						40 U	841	730	73	40 U	40 U
Metals																			
Lead in mg/kg	250	9																	
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane in mg/kg								0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
1,1,1-Trichloroethane in mg/kg	2							0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,1,2,2-Tetrachloroethane in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,1,2-Trichloroethane in mg/kg								0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
1,1-Dichloroethane in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,1-Dichloroethene in mg/kg								0.05 U						0.05 U	0.05 U	0.05 U		0.05 U	
1,1-Dichloropropene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,2,3-Trichlorobenzene in mg/kg								1 U						1 U	1 U	1 U		1 U	
1,2,3-Trichloropropane in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,2,4-Trichlorobenzene in mg/kg								0.05 U						0.05 U	0.05 U	0.05 U		0.05 U	
1,2,4-Trimethylbenzene in mg/kg								0.02 U						35.4	0.02 U	0.02 U		0.02 U	
1,2-Dibromo-3-chloropropane in mg/kg								0.03 U						0.099	0.03 U	0.03 U		0.03 U	
1,2-Dibromoethane (EDB) in mg/kg	0.005							0.005 U						0.005 U	0.005 U	0.005 U		0.005 U	
1,2-Dichlorobenzene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,2-Dichloroethane (EDC) in mg/kg								0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
1,2-Dichloropropane in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,3,5-Trimethylbenzene in mg/kg								0.02 U						8.12	0.02 U	0.02 U		0.02 U	
1,3-Dichlorobenzene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
1,3-Dichloropropane in mg/kg								0.05 U						0.05 U	0.05 U	0.05 U		0.05 U	
1,4-Dichlorobenzene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
2,2-Dichloropropane in mg/kg								0.05 U						0.05 U	0.05 U	0.05 U		0.05 U	
2-Chlorotoluene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
4-Chlorotoluene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Benzene in mg/kg	0.03	0.02 U	0.073	0.085	0.02 U	110	117	0.02 U	0.098	0.02 U	0.02 U	0.072	20.7	0.2	0.02 U	0.02 U	0.02 U	0.02 U	
Bromobenzene in mg/kg								0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
Bromodichloromethane in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Bromoform in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Bromomethane in mg/kg								0.09 U						0.09 U	0.09 U	0.09 U		0.09 U	
Carbon tetrachloride in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Chlorobenzene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Chloroethane in mg/kg								0.06 U						0.06 U	0.06 U	0.06 U		0.06 U	
Chloroform in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Chloromethane in mg/kg								0.06 U						0.06 U	0.06 U	0.06 U		0.06 U	
cis-1,2-Dichloroethene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
cis-1,3-Dichloropropene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Dibromochloromethane in mg/kg								0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
Dibromomethane in mg/kg								0.04 U						0.04 U	0.04 U	0.04 U		0.04 U	
Dichlorodifluoromethane in mg/kg								0.06 U						0.06 U	0.06 U	0.06 U		0.06 U	
Ethylbenzene in mg/kg	6	0.03 U	14.9	14.8	0.03 U	545	579	0.03 U	0.69	0.4	0.4	0.076	65.5	1.12	0.03 U	0.03 U	1.47	0.03 U	
Hexachlorobutadiene in mg/kg								0.1 U						0.1 U	0.1 U	0.1 U		0.1 U	
Isopropylbenzene in mg/kg								0.08 U						0.28	0.08 U	0.08 U		0.08 U	
Methyl tert-butyl ether (MTBE) in mg/kg	0.1							0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Methylene chloride in mg/kg	0.02							0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
n-Butylbenzene in mg/kg								0.02 U						11.8	0.02 U	0.02 U		0.02 U	
n-Propylbenzene in mg/kg								0.02 U						8.25	0.02 U	0.02 U		0.02 U	
p-Isopropyltoluene in mg/kg								0.02 U						2.36	0.02 U	0.02 U		0.02 U	
sec-Butylbenzene in mg/kg								0.02 U						6.06	0.02 U	0.02 U		0.02 U	
Styrene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
tert-Butylbenzene in mg/kg								0.02 U						5.28	0.02 U	0.02 U		0.02 U	
Tetrachloroethene (PCE) in mg/kg	0.05							0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Toluene in mg/kg	7	0.03 U	2.31	2.2	0.03 U	1,630	1,720	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	186	0.3	0.02 U	0.03 U	0.068	0.03 U	
trans-1,2-Dichloroethene in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
trans-1,3-Dichloropropene in mg/kg								0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
Trichloroethene (TCE) in mg/kg	0.03							0.03 U						0.03 U	0.03 U	0.03 U		0.03 U	
Trichlorofluoromethane in mg/kg								0.05 U						0.05 U	0.05 U	0.05 U		0.05 U	
Vinyl chloride in mg/kg								0.02 U						0.02 U	0.02 U	0.02 U		0.02 U	
Xylenes (total) in mg/kg	9	0.03 U	34.7	34.1	0.03 U	3,120	3,380	0.03 U	0.03 U	1.47	1.43	1.53	375	5.27	0.03 U	0.03 U	2.21	0.03 U	
Naphthalene in mg/kg	5	0.03 U	4.55	3.88	0.03 U	260	252	0.03 U	0.48	0.27	0.24	0.87	25.6	0.1	0.03 U	0.03 U	0.99	0.03 U	

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

e - Reported result is an estimate because it exceeds the calibration range.

U - Analyte was not detected at or above the reported result.

Table 2 - Soil Quality Data for Interim Samples in Areas Subsequently Excavated

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	WO-SW-K15-08 5/11/2012	WO-SW-K15-08 FD 5/11/2012	WO-SW-L13-07 5/1/2012	WO-SW-L13-07 FD 5/1/2012	WO-SW-M11-07 5/1/2012	WO-SW-M13-09 5/2/2012	WO-SW-M13-09 FD 5/2/2012	WO-SW-M14-07 5/2/2012	WO-SW-M14-07 FD 5/2/2012	WO-SW-N11-09 5/3/2012	WO-SW-N11-09 FD 5/3/2012	WO-SW-P11-07 5/3/2012	WO-SW-Q14-08 5/14/2012
Total Petroleum Hydrocarbons														
Gasoline Range Hydrocarbons in mg/kg	30[1]	16		22		10 U	10 U		10 U	10 U	10 U		10 U	10 U
Diesel Range Hydrocarbons in mg/kg	2,000	25 U	25 U	25 U	25 U	25 U	3,970	4,120	25 U	25 U	25 U	25 U	25 U	25 U
Mineral Oil in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Oil (C25-C36) in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Metals														
Lead in mg/kg	250													
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane in mg/kg				0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
1,1,1-Trichloroethane in mg/kg	2			0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,1,2,2-Tetrachloroethane in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,1,2-Trichloroethane in mg/kg				0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
1,1-Dichloroethane in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,1-Dichloroethene in mg/kg				0.05 U		0.05 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	
1,1-Dichloropropene in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,2,3-Trichlorobenzene in mg/kg				1 U		1 U	1 U		1 U	1 U	1 U		1 U	
1,2,3-Trichloropropane in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,2,4-Trichlorobenzene in mg/kg							0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	
1,2,4-Trimethylbenzene in mg/kg							72.3		0.02 U	0.02 U	0.02 U		0.02 U	
1,2-Dibromo-3-chloropropane in mg/kg							17.6		0.03 U	0.03 U	0.03 U		0.03 U	
1,2-Dibromoethane (EDB) in mg/kg	0.005			0.005 U		0.005 U	0.005 U		0.005 U	0.005 U	0.005 U		0.005 U	
1,2-Dichlorobenzene in mg/kg							0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,2-Dichloroethane (EDC) in mg/kg				0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
1,2-Dichloropropane in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,3,5-Trimethylbenzene in mg/kg							13.9		0.02 U	0.02 U	0.02 U		0.02 U	
1,3-Dichlorobenzene in mg/kg							0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
1,3-Dichloropropane in mg/kg				0.05 U		0.05 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	
1,4-Dichlorobenzene in mg/kg							0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
2,2-Dichloropropane in mg/kg				0.05 U		0.05 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	
2-Chlorotoluene in mg/kg							0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
4-Chlorotoluene in mg/kg							0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Benzene in mg/kg	0.03	0.02 U		0.02 U		0.02 U	0.77		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U
Bromobenzene in mg/kg				0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
Bromodichloromethane in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Bromoform in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Bromomethane in mg/kg				0.09 U		0.09 U	0.09 U		0.09 U	0.09 U	0.09 U		0.09 U	
Carbon tetrachloride in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Chlorobenzene in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Chloroethane in mg/kg				0.06 U		0.06 U	0.06 U		0.06 U	0.06 U	0.06 U		0.06 U	
Chloroform in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Chloromethane in mg/kg				0.06 U		0.06 U	0.06 U		0.06 U	0.06 U	0.06 U		0.06 U	
cis-1,2-Dichloroethene in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
cis-1,3-Dichloropropene in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Dibromochloromethane in mg/kg				0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
Dibromomethane in mg/kg				0.04 U		0.04 U	0.04 U		0.04 U	0.04 U	0.04 U		0.04 U	
Dichlorodifluoromethane in mg/kg				0.06 U		0.06 U	0.06 U		0.06 U	0.06 U	0.06 U		0.06 U	
Ethylbenzene in mg/kg	6	0.18		0.03 U		0.03 U	19.1		0.03 U	0.03 U	0.03 U		0.03 U	0.03 U
Hexachlorobutadiene in mg/kg				0.1 U		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U		0.1 U	
Isopropylbenzene in mg/kg				0.08 U		0.08 U	8.7		0.08 U	0.08 U	0.08 U		0.08 U	
Methyl tert-butyl ether (MTBE) in mg/kg	0.1			0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Methylene chloride in mg/kg	0.02			0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
n-Butylbenzene in mg/kg							66.9		0.02 U	0.02 U	0.02 U		0.02 U	
n-Propylbenzene in mg/kg							31.4		0.02 U	0.02 U	0.02 U		0.02 U	
p-Isopropyltoluene in mg/kg							41.2		0.02 U	0.02 U	0.02 U		0.02 U	
sec-Butylbenzene in mg/kg							43.5		0.02 U	0.02 U	0.02 U		0.02 U	
Styrene in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
tert-Butylbenzene in mg/kg							0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Tetrachloroethene (PCE) in mg/kg	0.05			0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Toluene in mg/kg	7	0.058		0.02 U		0.02 U	49.9		0.02 U	0.02 U	0.074		0.02 U	0.03 U
trans-1,2-Dichloroethene in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
trans-1,3-Dichloropropene in mg/kg				0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
Trichloroethene (TCE) in mg/kg	0.03			0.03 U		0.03 U	0.03 U		0.03 U	0.03 U	0.03 U		0.03 U	
Trichlorofluoromethane in mg/kg				0.05 U		0.05 U	0.05 U		0.05 U	0.05 U	0.05 U		0.05 U	
Vinyl chloride in mg/kg				0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	
Xylenes (total) in mg/kg	9	0.34		0.26		0.03 U	102		0.03 U	0.03 U	0.011		0.03 U	0.03 U
Naphthalene in mg/kg	5	0.22		0.75		0.11	13.5		0.03 U	0.03 U	0.03 U		0.03 U	0.03 U

Notes

Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).

[1]Cleanup level for gasoline with benzene present.

e - Reported result is an estimate because it exceeds the calibration range.

U - Analyte was not detected at or above the reported result.

Table 3 - Soil Quality Data for Stock Piles

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-SP-01 4/25/2012	G-SP-02 4/25/2012	G-SP-03 4/25/2012	G-SP-04 4/26/2012	G-SP-05 4/26/2012	G-SP-06 4/26/2012	G-SP-06 FD 4/26/2012	G-SP-07 4/27/2012	G-SP-07 FD 4/27/2012	G-SP-08 4/27/2012	G-SP-09 4/27/2012	G-SP-09 FD 4/27/2012	G-SP-10 4/27/2012	G-SP-11 4/27/2012	G-SP-12 4/27/2012	G-SP-13 5/1/2012	G-SP-14 5/1/2012	G-SP-15 5/1/2012	G-SP-16 5/9/2012	G-SP-16 FD 5/9/2012	G-SP-17 5/9/2012	G-SP-18 5/9/2012
Total Petroleum Hydrocarbons																							
Gasoline Range Hydrocarbons in mg/kg	30[1]	10 U	19	10 U	10 U	10 U	99		10 U	10 U	10 U	40		10 U	17	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diesel Range Hydrocarbons in mg/kg	2,000	25 U	25 U	25 U	25 U	25 U	25 U	25 U	102		574	25 U	25 U	59	213	25 U	25 U	25 U	25 U	25 U		25 U	25 U
Mineral Oil in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U		40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U		40 U	40 U
Oil (C25-C36) in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U		40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U		40 U	40 U
Volatile Organic Compounds																							
1,1,1,2-Tetrachloroethane in mg/kg																	0.03 U	0.03 U	0.03 U				
1,1,1-Trichloroethane in mg/kg	2																0.02 U	0.02 U	0.02 U				
1,1,2,2-Tetrachloroethane in mg/kg																	0.02 U	0.02 U	0.02 U				
1,1,2-Trichloroethane in mg/kg																	0.03 U	0.03 U	0.03 U				
1,1-Dichloroethane in mg/kg																	0.02 U	0.02 U	0.02 U				
1,1-Dichloroethene in mg/kg																	0.05 U	0.05 U	0.05 U				
1,1-Dichloropropene in mg/kg																	0.02 U	0.02 U	0.02 U				
1,2,3-Trichlorobenzene in mg/kg																	1 U	1 U	1 U				
1,2,3-Trichloropropane in mg/kg																	0.02 U	0.02 U	0.02 U				
1,2,4-Trichlorobenzene in mg/kg																			0.05 U				
1,2,4-Trimethylbenzene in mg/kg																			0.02 U				
1,2-Dibromo-3-chloropropane in mg/kg																			0.03 U				
1,2-Dibromoethane (EDB) in mg/kg	0.005																0.005 U	0.005 U	0.005 U				
1,2-Dichlorobenzene in mg/kg																			0.02 U				
1,2-Dichloroethane (EDC) in mg/kg																	0.03 U	0.03 U	0.03 U				
1,2-Dichloropropane in mg/kg																	0.02 U	0.02 U	0.02 U				
1,3,5-Trimethylbenzene in mg/kg																			0.02 U				
1,3-Dichlorobenzene in mg/kg																			0.02 U				
1,3-Dichloropropane in mg/kg																	0.05 U	0.05 U	0.05 U				
1,4-Dichlorobenzene in mg/kg																			0.02 U				
2,2-Dichloropropane in mg/kg																	0.05 U	0.05 U	0.05 U				
2-Chlorotoluene in mg/kg																			0.02 U				
4-Chlorotoluene in mg/kg																			0.02 U				
Benzene in mg/kg	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromobenzene in mg/kg																	0.03 U	0.03 U	0.03 U				
Bromodichloromethane in mg/kg																	0.02 U	0.02 U	0.02 U				
Bromoform in mg/kg																	0.02 U	0.02 U	0.02 U				
Bromomethane in mg/kg																	0.09 U	0.09 U	0.09 U				
Carbon tetrachloride in mg/kg																	0.02 U	0.02 U	0.02 U				
Chlorobenzene in mg/kg																	0.02 U	0.02 U	0.02 U				
Chloroethane in mg/kg																	0.06 U	0.06 U	0.06 U				
Chloroform in mg/kg																	0.02 U	0.02 U	0.02 U				
Chloromethane in mg/kg																	0.06 U	0.06 U	0.06 U				
cis-1,2-Dichloroethene in mg/kg																	0.02 U	0.02 U	0.02 U				
cis-1,3-Dichloropropene in mg/kg																	0.02 U	0.02 U	0.02 U				
Dibromochloromethane in mg/kg																	0.03 U	0.03 U	0.03 U				
Dibromomethane in mg/kg																	0.04 U	0.04 U	0.04 U				
Dichlorodifluoromethane in mg/kg																	0.06 U	0.06 U	0.06 U				
Ethylbenzene in mg/kg	6	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.88		0.03 U	0.03 U	0.03 U	0.071		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Hexachlorobutadiene in mg/kg																	0.1 U	0.1 U	0.1 U				
Isopropylbenzene in mg/kg																	0.08 U	0.08 U	0.08 U				
Methyl tert-butyl ether (MTBE) in mg/kg	0.1																0.02 U	0.02 U	0.02 U				
Methylene chloride in mg/kg	0.02																0.02 U	0.02 U	0.02 U				
n-Butylbenzene in mg/kg																			0.02 U				
n-Propylbenzene in mg/kg																			0.02 U				
p-Isopropyltoluene in mg/kg																			0.02 U				
sec-Butylbenzene in mg/kg																			0.02 U				
Styrene in mg/kg																	0.02 U	0.02 U	0.02 U				
tert-Butylbenzene in mg/kg																			0.02 U				
Tetrachloroethene (PCE) in mg/kg	0.05																0.02 U	0.02 U	0.02 U				
Toluene in mg/kg	7	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.1		0.03 U	0.03 U	0.03 U	0.055		0.03 U	0.03 U	0.03 U	0.02 U	0.02 U	0.02 U	0.03 U	0.03 U	0.03 U	0.03 U
trans-1,2-Dichloroethene in mg/kg																	0.02 U	0.02 U	0.02 U				
trans-1,3-Dichloropropene in mg/kg																	0.03 U	0.03 U	0.03 U				
Trichloroethene (TCE) in mg/kg	0.03																0.03 U	0.03 U	0.03 U				
Trichlorofluoromethane in mg/kg																	0.05 U	0.05 U	0.05 U				
Vinyl chloride in mg/kg																	0.02 U	0.02 U	0.02 U				
Xylenes (total) in mg/kg	9	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	2.88		0.03 U	0.03 U	0.03 U	0.32		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Naphthalene in mg/kg	5	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.46		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U

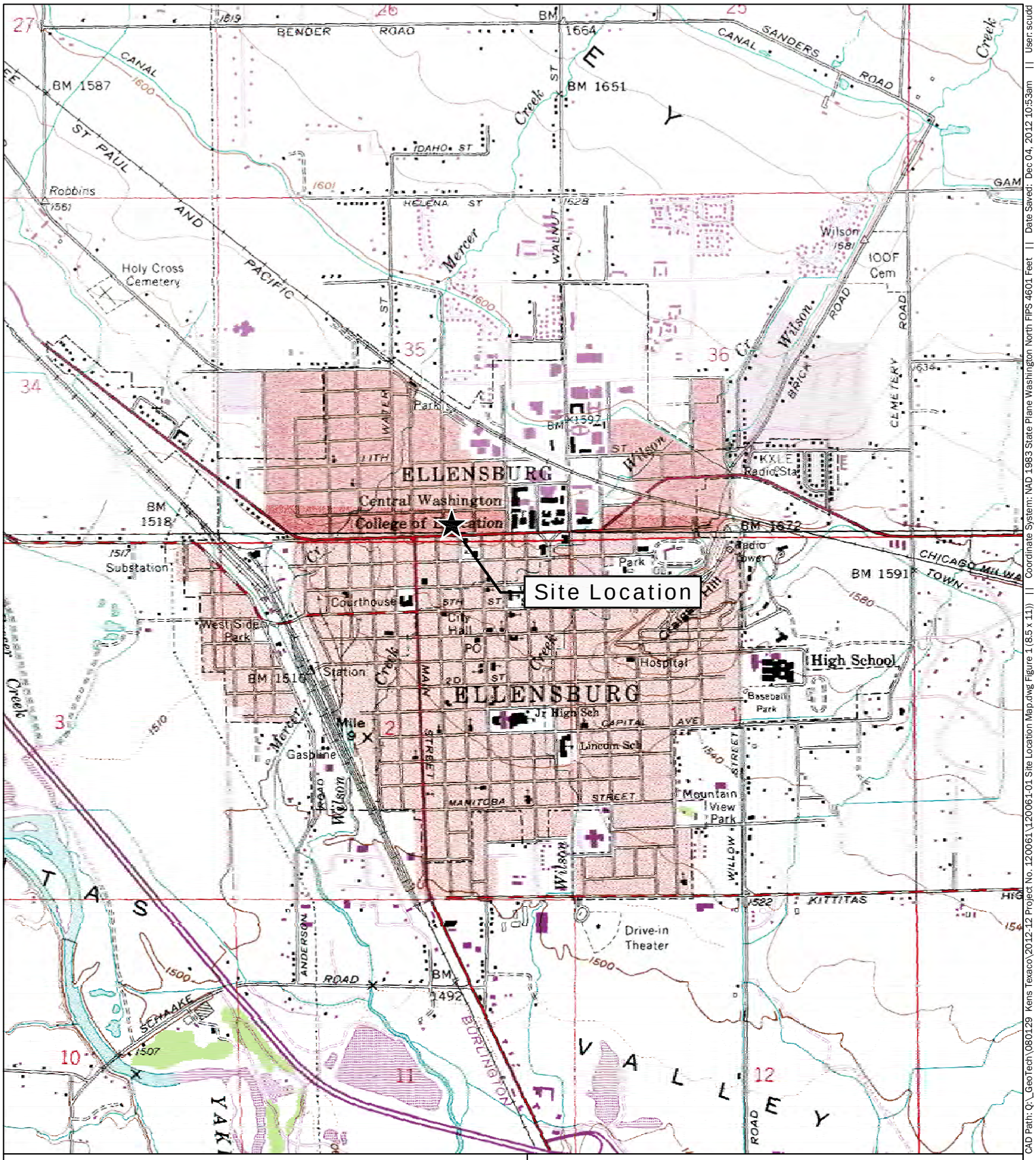
Notes
Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).
[1]Cleanup level for gasoline with benzene present.
U - Analyte was not detected at or above the reported result.

Table 3 - Soil Quality Data for Stock Piles

Former Ken's Texaco
101 East University Way
Ellensburg, Washington

Chemical Name	Soil, MTCA Method A, Unrestricted Land Use, Table Value (mg/kg)	G-SP-19 5/9/2012	G-SP-20 5/9/2012	G-SP-20 FD 5/9/2012	G-SP-21 5/9/2012	G-SP-22 5/9/2012	G-SP-23 5/9/2012	G-SP-24 5/10/2012	G-SP-24 FD 5/10/2012	G-SP-25 5/10/2012	G-SP-26 5/11/2012	G-SP-27 5/11/2012	G-SP-28 5/11/2012	G-SP-28 FD 5/11/2012	G-SP-29 5/14/2012	G-SP-30 5/14/2012	G-SP-31 5/14/2012	G-SP-31 FD 5/14/2012	G-SP-32 5/16/2012	G-SP-33 5/16/2012	G-SP-34 5/16/2012	G-SP-34 FD 5/16/2012
Total Petroleum Hydrocarbons																						
Gasoline Range Hydrocarbons in mg/kg	30[1]	10 U	10 U		10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diesel Range Hydrocarbons in mg/kg	2,000	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Mineral Oil in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Oil (C25-C36) in mg/kg	2,000	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	261	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Volatile Organic Compounds																						
1,1,1,2-Tetrachloroethane in mg/kg																						
1,1,1-Trichloroethane in mg/kg	2																					
1,1,2,2-Tetrachloroethane in mg/kg																						
1,1,2-Trichloroethane in mg/kg																						
1,1-Dichloroethane in mg/kg																						
1,1-Dichloroethene in mg/kg																						
1,1-Dichloropropene in mg/kg																						
1,2,3-Trichlorobenzene in mg/kg																						
1,2,3-Trichloropropane in mg/kg																						
1,2,4-Trichlorobenzene in mg/kg																						
1,2,4-Trimethylbenzene in mg/kg																						
1,2-Dibromo-3-chloropropane in mg/kg																						
1,2-Dibromoethane (EDB) in mg/kg	0.005																					
1,2-Dichlorobenzene in mg/kg																						
1,2-Dichloroethane (EDC) in mg/kg																						
1,2-Dichloropropane in mg/kg																						
1,3,5-Trimethylbenzene in mg/kg																						
1,3-Dichlorobenzene in mg/kg																						
1,3-Dichloropropane in mg/kg																						
1,4-Dichlorobenzene in mg/kg																						
2,2-Dichloropropane in mg/kg																						
2-Chlorotoluene in mg/kg																						
4-Chlorotoluene in mg/kg																						
Benzene in mg/kg	0.03	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromobenzene in mg/kg																						
Bromodichloromethane in mg/kg																						
Bromoform in mg/kg																						
Bromomethane in mg/kg																						
Carbon tetrachloride in mg/kg																						
Chlorobenzene in mg/kg																						
Chloroethane in mg/kg																						
Chloroform in mg/kg																						
Chloromethane in mg/kg																						
cis-1,2-Dichloroethene in mg/kg																						
cis-1,3-Dichloropropene in mg/kg																						
Dibromochloromethane in mg/kg																						
Dibromomethane in mg/kg																						
Dichlorodifluoromethane in mg/kg																						
Ethylbenzene in mg/kg	6	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Hexachlorobutadiene in mg/kg																						
Isopropylbenzene in mg/kg																						
Methyl tert-butyl ether (MTBE) in mg/kg	0.1																					
Methylene chloride in mg/kg	0.02																					
n-Butylbenzene in mg/kg																						
n-Propylbenzene in mg/kg																						
p-Isopropyltoluene in mg/kg																						
sec-Butylbenzene in mg/kg																						
Styrene in mg/kg																						
tert-Butylbenzene in mg/kg																						
Tetrachloroethene (PCE) in mg/kg	0.05																					
Toluene in mg/kg	7	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
trans-1,2-Dichloroethene in mg/kg																						
trans-1,3-Dichloropropene in mg/kg																						
Trichloroethene (TCE) in mg/kg	0.03																					
Trichlorofluoromethane in mg/kg																						
Vinyl chloride in mg/kg																						
Xylenes (total) in mg/kg	9	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Naphthalene in mg/kg	5	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U

Notes
Concentrations within bold border indicate value exceeds Soil, MTCA Method A, Cleanup Level for Unrestricted Land Use, Table Value (mg/kg).
[1]Cleanup level for gasoline with benzene present.
U - Analyte was not detected at or above the reported result.



N

0 2000 4000

Feet

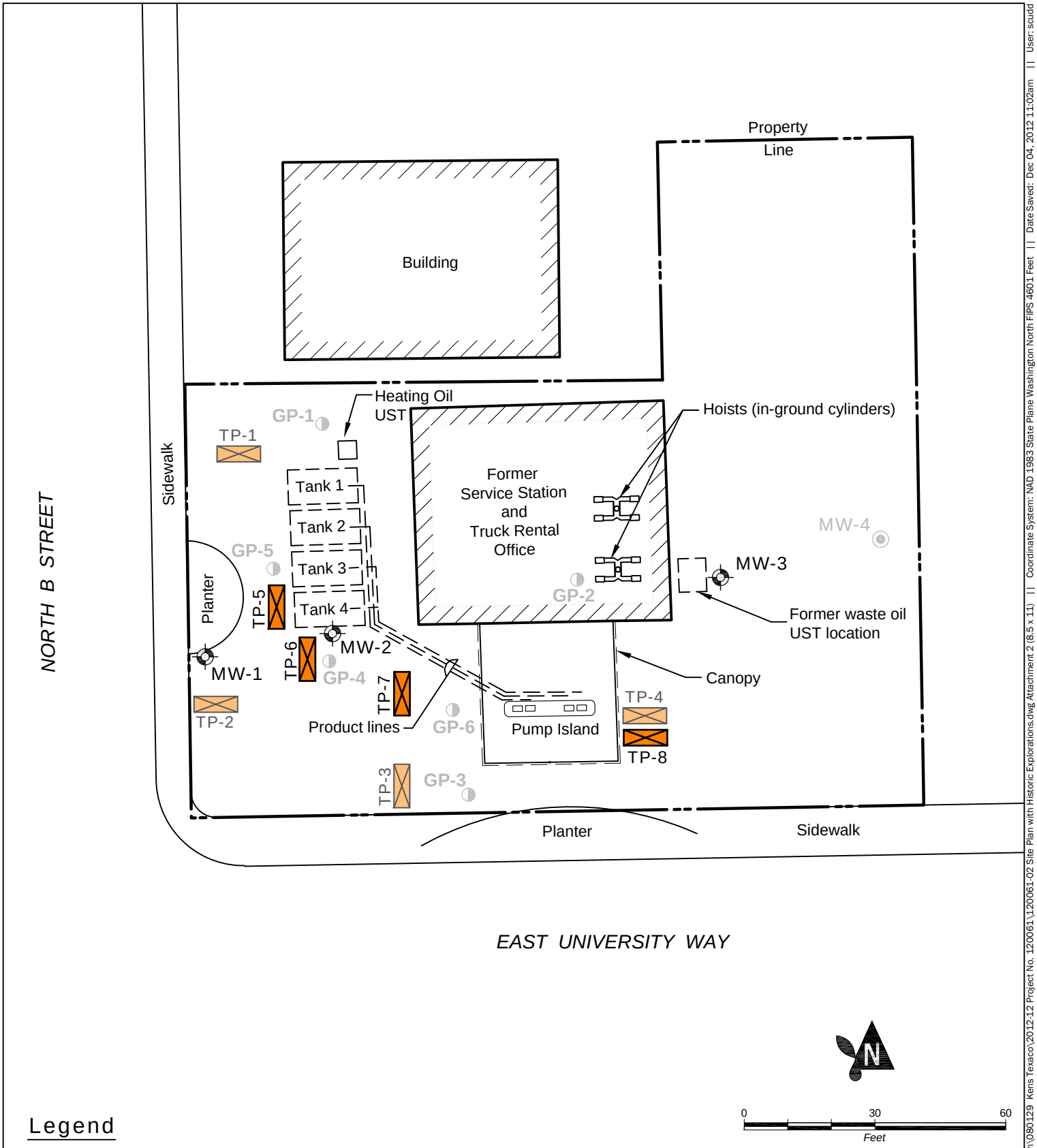
Site Location Map

Ken's Texaco

101 East University Way, Ellensburg, Washington

Aspect CONSULTING	DEC-2012	BY: RRH/AJH	FIGURE NO.
	PROJECT NO. 120061	REV BY: SCC	1

CAD Path: Q:_GeoTech\080129 Kens Texaco\2012-12 Project No. 120061\120061-01 Site Location Map.dwg Figure 1 (8.5 x 11) || Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet || Date Saved: Dec 04, 2012 10:53am || User: scudd



Legend

TP-4	Approximate Test Pit Location (April 15, 2010)
TP-8	Approximate Test Pit Location (October 25, 2011)
MW-1	Existing Monitoring Well
MW-4	Historic Soil Boring (Aspect 2008)
GP-1	Historic Soil Boring (PBS 2006)

Site Plan with Historic Exploration Locations

Ken's Texaco

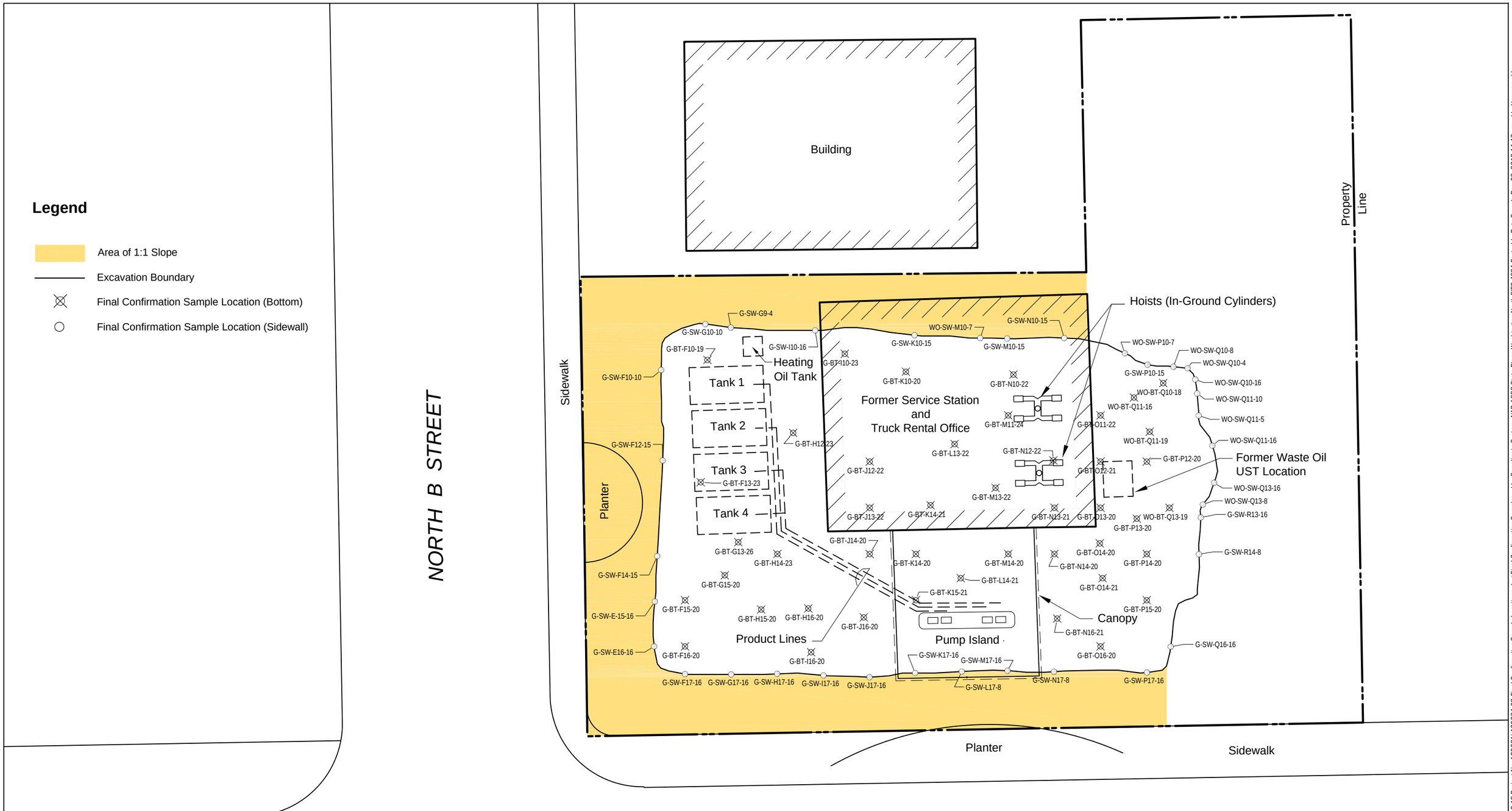
101 East University Way, Ellensburg, Washington

Aspect CONSULTING	DEC-2012	BY: RRH/AJH	FIGURE NO.
	PROJECT NO. 120061	REV BY: SCC	2

CAD Path: Q:_GeoTech\080129 Kens Texaco\2012-12 Project No. 120061\120061-02 Site Plan with Historic Explorations.dwg Attachment 2 (8.5 x 11) || Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet || Date Saved: Dec 04, 2012 11:02am || User: scudd

Legend

- Area of 1:1 Slope
- Excavation Boundary
- Final Confirmation Sample Location (Bottom)
- Final Confirmation Sample Location (Sidewalk)



Final Confirmation Sample Locations

Ken's Texaco

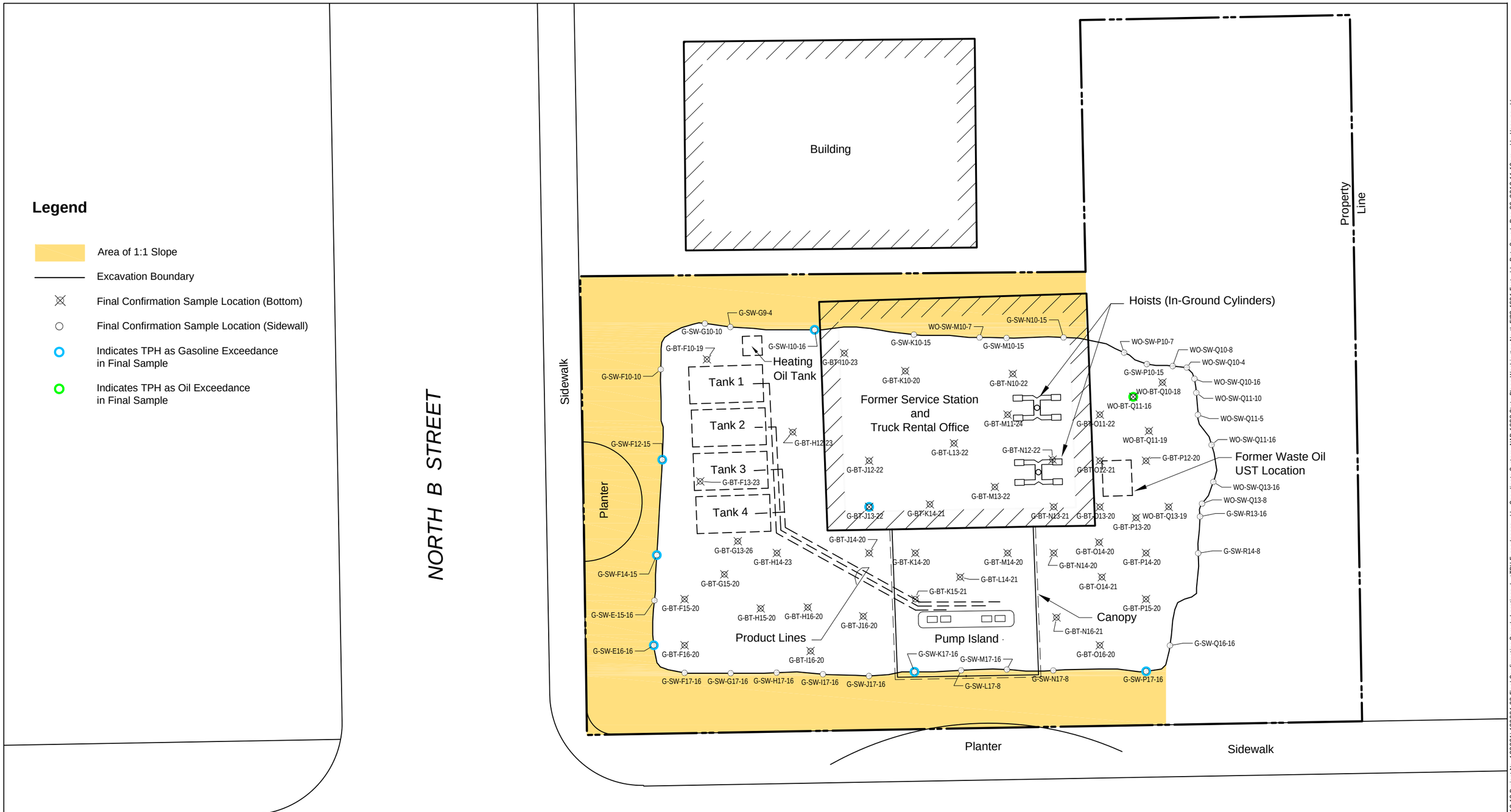
101 East University Way, Ellensburg, Washington

Aspect CONSULTING	DEC-2012	BY: RRH/EG/SCC	FIGURE NO.
	PROJECT NO. 120061	REV BY: SCC	3

CAD Path: Q:_GeoTech\080129 Kens Texaco\2012-12 Project No. 120061\120061-03 Final Confirmation Sample Locations.dwg Final Confirmation Samples || Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet || Date Saved: Dec 06, 2012 11:13am || User: scudd

Legend

- Area of 1:1 Slope
- Excavation Boundary
- Final Confirmation Sample Location (Bottom)
- Final Confirmation Sample Location (Sidewall)
- Indicates TPH as Gasoline Exceedance in Final Sample
- Indicates TPH as Oil Exceedance in Final Sample



0 20 40
Feet

Final Confirmation Sample Locations with TPH Exceedances

Ken's Texaco

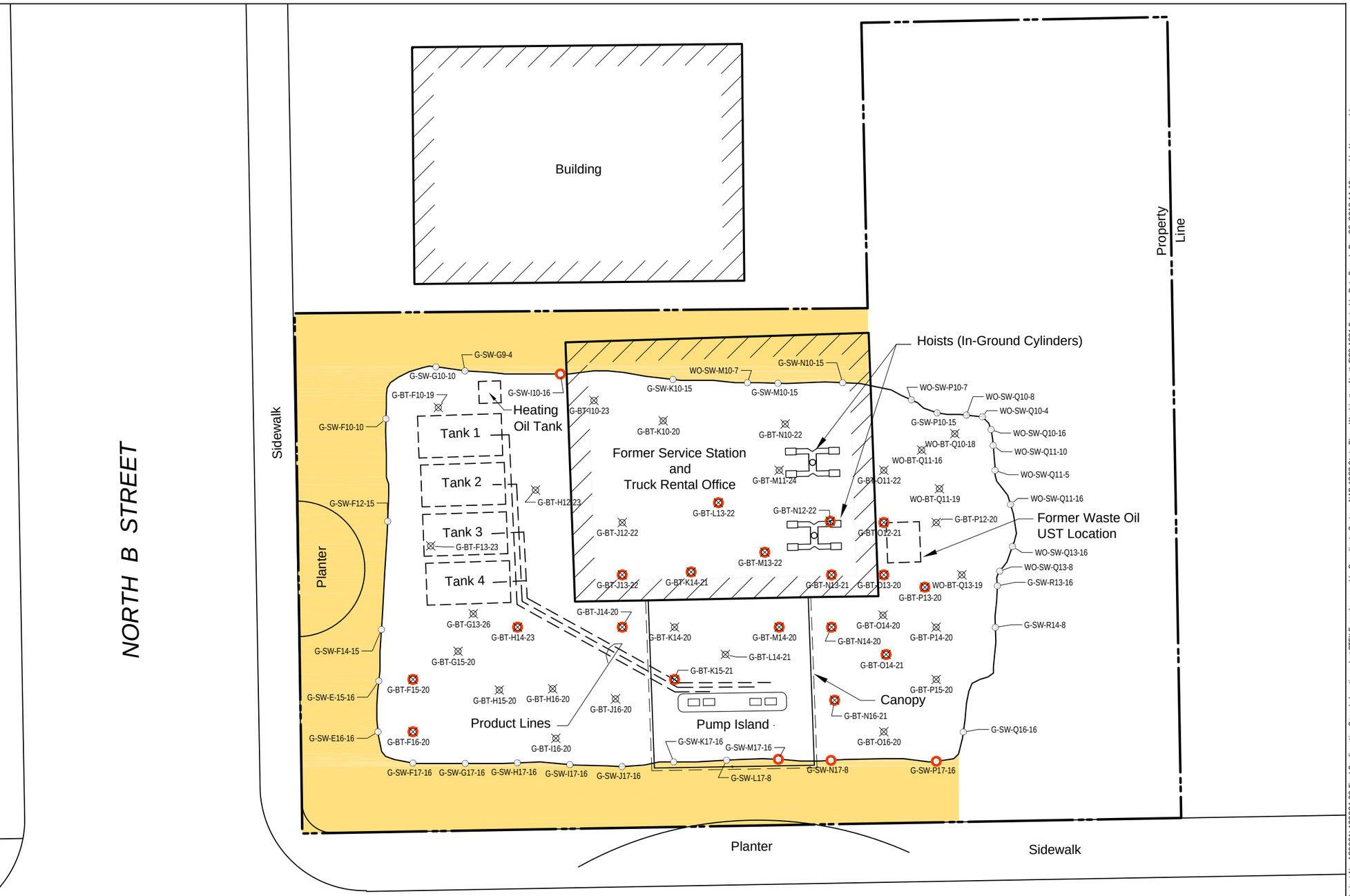
101 East University Way, Ellensburg, Washington

Aspect CONSULTING	DEC-2012	RRH/EG/SCC	FIGURE NO.
	PROJECT NO. 120061	REV BY: SCC	4

CAD Path: Q:_GeoTech\080129 Kens Texaco\2012.12 Project No. 120061\120061-03 Final Confirmation Sample Locations.dwg TPH Exceedances || Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet || Date Saved: Dec 06, 2012 11:10am || User: scudd

Legend

- Area of 1:1 Slope
- Excavation Boundary
- Final Confirmation Sample Location (Bottom)
- Final Confirmation Sample Location (Sidewall)
- Indicates Benzene Exceedance in Final Confirmation Sample



N

0 20 40
Feet

Final Confirmation Sample Locations with Benzene Exceedances

Ken's Texaco

101 East University Way, Ellensburg, Washington

Aspect CONSULTING	DEC-2012	BY: RRH/EG/SCC	FIGURE NO.
	PROJECT NO. 120061	REV BY: SCC	5

CAD Path: Q:_GeoTech\080129 Kens Texaco\2012-12 Project No. 120061\120061-03 Final Confirmation Sample Locations.dwg BTEX Exceedances || Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet || Date Saved: Dec 06, 2012 11:10am || User: scudd

APPENDIX A

Copies of Previous Investigations

October 23, 2008

Mr. David Jacobi
Wilson Smith Cochran Dickerson
1700 Financial Center
1215 Fourth Avenue
Seattle, Washington 98161-1007

Re: Soil and Groundwater Quality Investigation Results
Project No. 080129-001-01

Dear David:

This report presents the results of a soil and groundwater quality investigation completed by Aspect Consulting, LLC (Aspect) at the Ken's Texaco property (the Site), located at 101 East University Way in Ellensburg, Washington (Figure 1). The Site is approximately 0.4 acres in size, and is bounded to the west by North B Street, to the north by residential property, to the east by a parking lot and commercial property and to the south by East University Way. The Site is currently occupied by an unbranded service station and truck rental agency. A total of four underground storage tanks (USTs) are located beneath a concrete UST pad located west of the station building and pump island (Figure 2). It is our understanding that both gasoline and diesel fuel are currently sold at the Site.

Aspect's completed scope of work included the following elements:

- Drill four hollow-stem auger borings to water table, collecting soil samples for laboratory analysis during drilling;
- Complete three of the borings as 2-inch-diameter monitoring wells;
- Develop, purge, and sample the groundwater monitoring wells and submit the samples for laboratory analysis; and
- Prepare a report summarizing the findings of the investigation.

Previous Site Investigations

A UST Site Assessment was completed in June 2006 by PBS Engineering and Environmental (PBS) and documented in *Limited Underground Storage Tank Assessment at the Texaco Service Station, 101 East University Way, Ellensburg, Washington*, dated July 5, 2006. The scope of this investigation included drilling six direct-push borings and collecting soil samples for laboratory analysis. Boring locations are shown on Figure 2. The PBS borings were advanced around the UST pad (locations GP-1, 5, and 4), along the southern property boundary outboard of the pump island (location GP-3), near the fuel lines (location GP-6), and inside the service bay (location GP-2).

Gasoline-range total petroleum hydrocarbons (TPH) was detected above the Washington State Department of Ecology (Ecology) MTCA Method A soil cleanup level for unrestricted land use at locations GP-4 and 5 near the UST nest, and at location GP-2 in the service bay. Oil-

range TPH was also detected in the boring at location GP-2, but at concentrations below MTCA Method A cleanup level for unrestricted land use.

The PBS report cited the presence of an earlier UST system that was removed in 1968. The older UST system was reportedly in the same area as the new system. The PBS report concluded that affected soil appeared to be present in the same area as the former USTs, and suggested the possibility that "*contamination was already in place when the Texaco station was constructed*".

A former 280-gallon waste oil UST, located east of the station building, was removed in 1993. A site assessment was completed at the time of UST removal by Sage Earth Service, Inc. (*Closure Site Assessment for the Ken's Texaco, Inc. Facility, Ellensburg, Washington,* Sage Earth Sciences Inc., February 22, 1994*).* The assessment indicated that the tank was in apparent good condition, but that there were visual indicators of hydrocarbons in soil around the UST. Two sidewall samples and three stockpile samples were collected and analyzed for TPH by Method 418.1. The stockpile samples were also analyzed for total metals (lead, arsenic, cadmium, chromium, and mercury). The sidewall samples contained TPH at concentrations ranging from 60 to 28,779 milligrams per kilograms (mg/kg). The stockpile samples contained TPH at concentrations ranging from 5,977 to 48,536 mg/kg. No overexcavation of affected soil was attempted, and the soil excavated to accommodate UST removal was reportedly used to subsequently backfill the UST excavation.

Current Investigation

The scope of the Aspect's investigation included drilling four hollow stem auger borings, collecting soil samples from the borings for laboratory analysis, installing three monitoring wells, developing the wells, and collecting groundwater samples for laboratory analysis. The following sections briefly describe field investigation methods and presents soil and groundwater sampling laboratory analytical results.

Soil Boring Installation and Soil Sampling

Four borings (MW-1 through MW-4) were completed by Cascade Drilling, Inc. on July 21 and 22, 2008 at the locations shown on Figure 2. The borings were logged by an Aspect geologist, and boring logs are provided in Attachment A.

The borings were completed to depths of 24 to 29 feet below ground surface (bgs). Soils encountered during drilling generally consisted of 10 to 14 feet of gravelly silt to silty gravels overlying non-silty to silty sands and gravels. Groundwater was encountered during drilling at depths of between 16 and 24 feet bgs. Borings MW-1, MW-2 and MW-3 were completed as monitoring wells following the Minimum Standards for Construction and Maintenance of Wells, Washington Administrative Code (WAC) Chapter 173-160. Boring MW-4 was backfilled with hydrated bentonite chips upon completion of sampling activities. All drill cuttings were placed in Department of Transportation-approved 55-gallon drums and stored onsite.

Soil samples were collected from each boring at 2.5-foot intervals using a Dames and Moore split barrel sampler with a 300-pound slide hammer. All soil samples were field-screened for volatile organic vapors with a photoionization detector (PID), and by using visual and

olfactory methods. Any odor, sheen, or staining characteristics observed from the soil samples was documented on the boring logs. Soil descriptions were performed in general accordance with ASTM method D-2488-84, *Standard Method for Description and Identification of Soils (Visual/Manual Procedure)*, and are included on the boring logs in Attachment A.

A total of eight soil samples were selected for laboratory analysis. These samples were placed in laboratory provided iced cooler and submitted to Friedman and Bruya Inc. in Seattle, Washington under industry-standard chain-of-custody procedures.

Groundwater Sampling

Groundwater samples were collected from monitoring wells MW-1, MW-2, and MW-3 using low flow sampling techniques. The samples were collected using a down-hole bladder pump with disposable bladders and new polyethylene tubing for each well. Field parameters including temperature, pH, dissolved oxygen and conductivity were monitored during purging of the wells until parameter had stabilized to within +/- 10 percent of the previous reading. Once field parameters stabilized, samples were collected directly from the pump discharge tubing into laboratory-supplied sample containers. Groundwater samples were placed in an iced cooler and submitted to Friedman and Bruya Inc. in Seattle, Washington under industry-standard chain-of-custody procedures.

Hydrogeologic Conditions

Groundwater was encountered at the Site in unconsolidated sands and gravel at a depth of approximately 16 feet bgs. Nearby surface water bodies include Wilson Creek, located 2,000 feet to the east, and Mercer Creek, located 1,700 feet to the west. Both creeks drain to Yakima River in a southwesterly direction. Regional groundwater flow in the Ellensburg area is expected to be to the south or southwest, towards the Yakima River. Local groundwater flow direction at the Site, based local topography and surface water occurrence, may be more southeast, towards Wilson Creek.

Soil Analytical Results

All retained samples were analyzed for gasoline-range TPH by Method NWTPH-Gx, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8021 and for oil- and diesel-range TPH by Method NWTPH-Dx. Soil sample results are summarized on Table 1, and laboratory certificates are included in Attachment B. Gasoline-range TPH was detected in soil samples collected from borings MW-1, MW-2 and MW-3 at concentrations ranging from 3 mg/kg to 54 mg/kg. Detected concentrations in samples from MW-1 at 15.5 feet bgs and MW-3 at 4 feet bgs exceeded the MTCA Method A unrestricted land use cleanup level of 30 mg/kg for TPH as gasoline (when benzene is present). Gasoline-range TPH was not detected in the soil sample collected from boring MW-4.

Diesel- and oil-range TPHs were detected in soil samples collected from 4 feet bgs and 9 feet bgs in boring MW-3, located near the former water oil UST. The detected concentrations of TPH as oil in these samples were above the applicable MTCA Method A unrestricted land use cleanup level of 2,000 mg/kg.

Trace concentrations of one or more BTEX compounds were detected in soil samples collected from borings MW-1, MW-2 and MW-3. Benzene was detected in the sample from boring MW-22 at 22 feet bgs at a concentration of 0.11 mg/kg, which is marginally above the MTCA Method A unrestricted land use cleanup level of 0.03 mg/kg for benzene. All other detected BTEX compound concentrations in soil were below applicable Method A cleanup levels.

Groundwater Analytical Results

Retained groundwater samples were analyzed for gasoline-range TPH by Method NWTPH-Gx, BTEX by EPA Method 8021 (MW-1 and 2), and oil- and diesel-range TPH by Method NWTPH-Dx. Given the proximity of MW-3 to the former waste oil tank, the groundwater sample from MW-3 was also analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Groundwater analytical results are summarized in Table 2, and laboratory certificates are included in Attachment B.

Gasoline-range TPH was detected in groundwater at concentrations above the MTCA Method A cleanup level of 800 micrograms per liter (µg/L) in samples from wells MW-1 (910 µg/L) and MW-2 (3,000 µg/L). Benzene was also detected in well MW-2 at a concentration of 460 µg/L, which is above the MTCA Method A groundwater cleanup level for benzene of 5 µg/L. All other detected BTEX compound concentrations in groundwater were below applicable MTCA Method A cleanup levels.

Several non-BTEX VOC compounds were also detected in the groundwater sample from well MW-3. Detected VOC compounds included naphthalene, n-propylbenzene, isopropylbenzene, 1,3,5- trimethylbenzene, 1,2,4-trimethylbenzene, and chloroform. These compounds, with the exception of chloroform, are VOCs typically associated with petroleum hydrocarbon mixtures. The chlorinated VOC chloroform is a common disinfectant by-product associated with municipal drinking water supplies, and the source of chloroform is likely an on-property or nearby septic drainfield.

Diesel-range TPH was detected above the MTCA Method A groundwater cleanup level of 500 µg/L in the samples collected from well MW-2 (640 µg/L) and well MW-3 (1,600 µg/L). The groundwater sample from MW-3, located near the former waste oil UST, also contained oil-range TPH at a concentration of 2,000 µg/L, which exceeds the MTCA Method A cleanup level of 500 µg/L for TPH as oil.

Summary of Findings

The results of the current and historic investigations confirm the presence of gasoline-, diesel- and oil-range TPH and related compounds in soil and groundwater at the Site at concentrations above current MTCA Method A cleanup levels. Affected soil and groundwater were documented to the south and west of the existing USTs, and also to the east of the station building near the location of the former waste oil UST. The full nature and extent of affected soil and groundwater at the Site has not been delineated.

Based on the distribution and nature of compounds present at the Site, historic leakage or spillage of gasoline and diesel fuel appears to have occurred in the vicinity of the present day UST system, which is reportedly in the same location as a pre-1968 UST system. Additionally,

historic leakage or spillage is indicated in the area of former waste oil UST system that was removed in 1993. The timing, extent and magnitude of historic releases are currently unknown.

Limitations

Work for this project was performed and this report prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. It is intended for the exclusive use of Wilson Smith Cochran Dickerson for specific application to the referenced property. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

Sincerely,

Aspect consulting, LLC

State of Washington Hydrogeologist 2224 Licensed Geologist
10/23/08
Robert Reginald Hanford

State of Washington Hydrogeologist 930 Licensed Geologist
10/23/2008
William V. Goodhue

Robert R. Hanford, LHG
Senior Project Geologist
bhanford@aspectconsulting.com

William V. Goodhue, LHG
Senior Associate Hydrogeologist
cgoodhue@aspectconsulting.com

Attachments: Table 1 – Soil Sample Analytical Results Summary
Table 2 – Groundwater Sample Analytical Results Summary
Figure 1 – Site Location Map
Figure 2 – Site and Exploration Plan
Attachment A – Boring Logs
Attachment B – Laboratory Certificates

W:\080129 Ken's Texaco\Deliverables\Investigation Results\Report Final.doc

Table 1 - Soil Sample Analytical Results Summary

Ken's Texaco - Ellensburg, Washington

Sample Information		Analytical Method						
Sample Identification	Sample Date	Gasoline by NWTPH-Gx	BTEX Compounds by EPA Method 8021				NWTPH-Dx	
		Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	Diesel (mg/kg)	Motor Oil (mg/kg)
MW-1-15.5	7/21/2008	***51***	<0.02	0.09	<0.02	0.52	<50	<250
MW-1-20.5	7/21/2008	25	<0.02	0.06	<0.02	0.41	<50	<250
MW-2-14.5	7/21/2008	10	<0.02	<0.02	<0.02	0.16	<50	<250
MW-2-22.0	7/21/2008	3	***0.11***	<0.02	0.05	0.1	<50	<250
MW-3-4.0	7/21/2008	***54***	<0.02	0.06	0.13	1.8	1700[1]	***7100***
MW-3-9.0	7/21/2008	16	<0.02	<0.02	0.03	0.23	1600[1]	***6700***
MW-3-19.5	7/21/2008	8	<0.02	<0.02	<0.02	<0.06	100	<250
MW-4-22.0	7/22/2008	<2	<0.02	<0.02	<0.02	<0.06	<50	<250
MTCA Method A Soil Cleanup Levels for Unrestricted Land Use		***30[2]***	***0.03***	***7***	***6***	***9***	***2000***	***2000***

54 - Exceedance of MTCA Method A cleanup level shown in bold italics.

[1] Laboratory narrative indicates the pattern of peaks present is not indicative of diesel.

[2] Cleanup level for gasoline when benzene is not present.

Table 2 - Groundwater Sample Analytical Results Summary

Ken's Texaco - Ellensburg, Washington

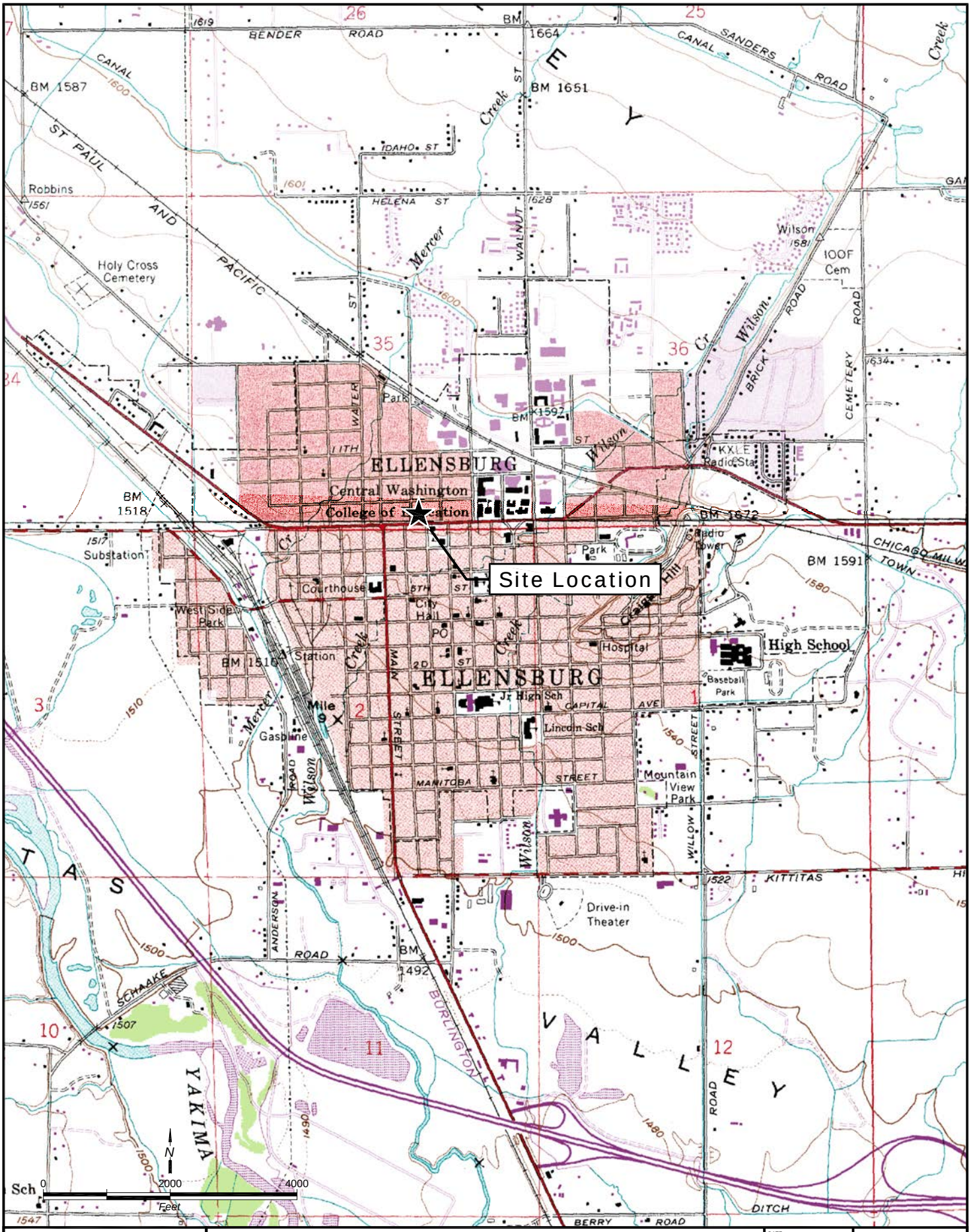
Sample Information		Analytical Method						
Sample Identification	Sample Date	Gasoline by NWTPH-Gx	BTEX Compounds by EPA Method 8021 or EPA Method 8260B				NWTPH-Dx	
		Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Diesel (µg/L)	Motor Oil (µg/L)
MW-1- 72208[1]	7/28/2008	***910***	4	6	4	6	490	<250
MW-2-072208[1]	7/28/2008	***3,000***	***460***	21	160	190	***640***	<250
MW-3-072208[2]	7/28/2008	180	3.2	<1	4.2	11.1	***1,600***	***2,000***
MTCA Method A Groundwater Cleanup Levels		***800***[3]	***5***	***1,000***	***700***	***1,000***	***500***	***500***

460 - Exceedance of MTCA Method A cleanup level shown in bold italics.

[1] BTEX by Method 8021

[2] BTEX by Method 8260B

[3] Cleanup level for gasoline when benzene present.



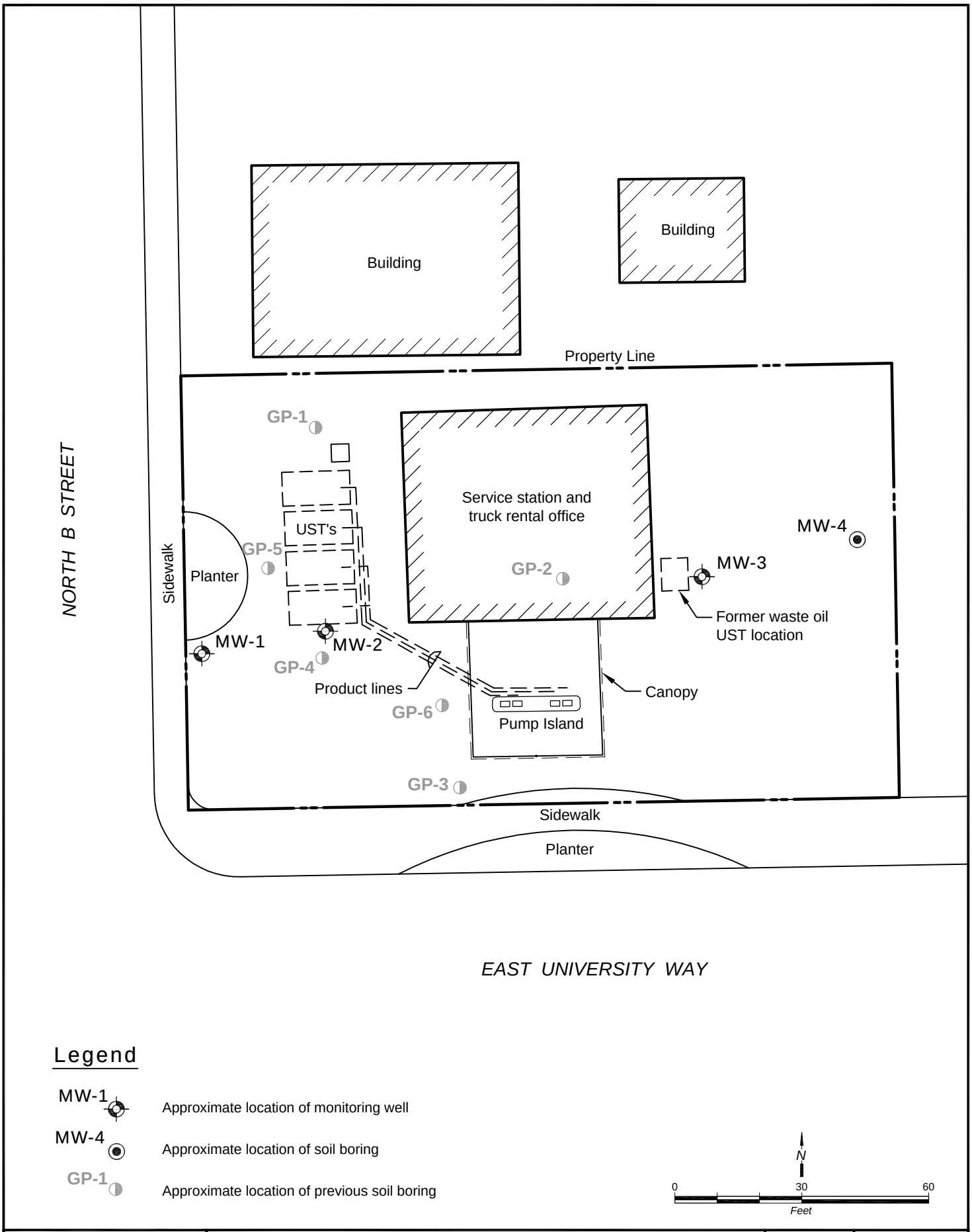
Aspect consulting
earth+water
www.aspectconsulting.com
a limited liability company

Site Location Map

Ken's Texaco
101 East University Way, Ellensburg, Washington

DATE: Aug 2008	PROJECT NO. 080129
DESIGNED BY: RRH	
DRAWN BY: PMB	FIGURE NO. 1
REVISED BY: -	

Q:\GeoTech\080129 Kens Texaco\2008-08\080129-01.dwg



Aspect consulting
earth+water
www.aspectconsulting.com
a limited liability company

Site and Exploration Plan

Ken's Texaco
101 East University Way, Ellensburg, Washington

DATE: Aug 2008	PROJECT NO. 080129
DESIGNED BY: RRH	
DRAWN BY: PMB	FIGURE NO. 2
REVISED BY: -	

Q:\GeoTech\080129 Kens Texaco\2008-08\080129-02.dwg

ATTACHMENT A

Boring Logs

Coarse-Grained Soils - More than 50% (1) Retained on No. 200 Sieve	Gravels - More than 50% (1) of Coarse Fraction Retained on No. 4 Sieve	≤5% Fines (5)	GW	Well-graded gravel and gravel with sand, little to no fines
			GP	Poorly-graded gravel and gravel with sand, little to no fines
		≥15% Fines (5)	GM	Silty gravel and silty gravel with sand
			GC	Clayey gravel and clayey gravel with sand
	Sands - 50% (1) or More of Coarse Fraction Passes No. 4 Sieve	≤5% Fines (5)	SW	Well-graded sand and sand with gravel, little to no fines
			SP	Poorly-graded sand and sand with gravel, little to no fines
		≥15% Fines (5)	SM	Silty sand and silty sand with gravel
			SC	Clayey sand and clayey sand with gravel
Fine-Grained Soils - 50% (1) or More Passes No. 200 Sieve	Silts and Clays Liquid Limit Less than 50		ML	Silt, sandy silt, gravelly silt, silt with sand or gravel
			CL	Clay of low to medium plasticity; silty, sandy, or gravelly clay, lean clay
			OL	Organic clay or silt of low plasticity
	Silts and Clays Liquid Limit 50 or More		MH	Elastic silt, clayey silt, silt with micaceous or diato-maceous fine sand or silt
			CH	Clay of high plasticity, sandy or gravelly clay, fat clay with sand or gravel
			OH	Organic clay or silt of medium to high plasticity
Highly Organic Soils			PT	Peat, muck and other highly organic soils

Terms Describing Relative Density and Consistency

Coarse-Grained Soils

Density	SPT(2) blows/foot
Very Loose	0 to 4
Loose	4 to 10
Medium Dense	10 to 30
Dense	30 to 50
Very Dense	>50

Fine-Grained Soils

Consistency	SPT(2) blows/foot
Very Soft	0 to 2
Soft	2 to 4
Medium Stiff	4 to 8
Stiff	8 to 15
Very Stiff	15 to 30
Hard	>30

Test Symbols

G = Grain Size
M = Moisture Content
A = Atterberg Limits
C = Chemical
DD = Dry Density
K = Permeability

Component Definitions

Descriptive Term	Size Range and Sieve Number
Boulders	Larger than 12"
Cobbles	3" to 12"
Gravel	3" to No. 4 (4.75 mm)
Coarse Gravel	3" to 3/4"
Fine Gravel	3/4" to No. 4 (4.75 mm)
Sand	No. 4 (4.75 mm) to No. 200 (0.075 mm)
Coarse Sand	No. 4 (4.75 mm) to No. 10 (2.00 mm)
Medium Sand	No. 10 (2.00 mm) to No. 40 (0.425 mm)
Fine Sand	No. 40 (0.425 mm) to No. 200 (0.075 mm)
Silt and Clay	Smaller than No. 200 (0.075 mm)

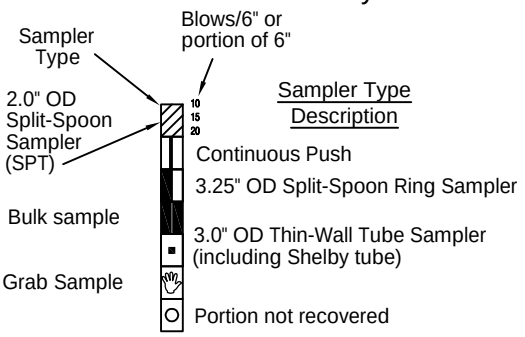
(3) Estimated Percentage

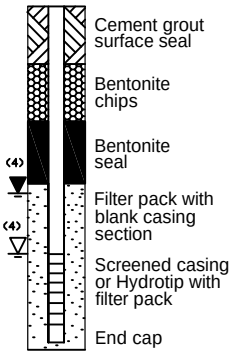
Percentage by Weight	Modifier
<5	Trace
5 to 15	Slightly (sandy, silty, clayey, gravelly)
15 to 30	Sandy, silty, clayey, gravelly)
30 to 49	Very (sandy, silty, clayey, gravelly)

Moisture Content

Dry - Absence of moisture, dusty, dry to the touch
Slightly Moist - Perceptible moisture
Moist - Damp but no visible water
Very Moist - Water visible but not free draining
Wet - Visible free water, usually from below water table

Symbols





(1) Percentage by dry weight
(2) (SPT) Standard Penetration Test (ASTM D-1586)
(3) In General Accordance with Standard Practice for Description and Identification of Soils (ASTM D-2488)
(4) Depth of groundwater
(5) Combined USCS symbols used for fines between 5% and 15% as estimated in General Accordance with Standard Practice for Description and Identification of Soils (ASTM D-2488)

▽ ATD = At time of drilling
▼ Static water level (date)

Classifications of soils in this report are based on visual field and/or laboratory observations, which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field or laboratory testing unless presented herein. Visual-manual and/or laboratory classification methods of ASTM D-2487 and D-2488 were used as an identification guide for the Unified Soil Classification System.

Aspect consulting
earth+water
www.aspectconsulting.com
a limited liability company

Exploration Log Key

DATE:
DESIGNED BY:
DRAWN BY:
REVISED BY:

PROJECT NO.

FIGURE NO.
A-1

Q:_ACAD Standards\Standard Details\Exploration Log Key A1.dwg

Boring Log

Aspect consulting
earth + water

Project Number	Boring Number	Sheet
080129	MW-1	1 of 1

Project Name	Ken's Texaco	Ground Surface Elev	104.77 Relative Site
Location	Ellensburg, WA		
Driller/Method	Cascade Drilling / Hollow Stem Auger	Depth to Water	16.20
Sampling Method	D&M, 300 lb. Jars / Hammer Weight: 300 lb / Hammer Drop:	Start/Finish Date	7/21/2008

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
	8" flushmount monument, 2" J-plug well cap, concrete seal, 0'-1'						Very dense, slightly moist, brown, slightly sandy, slightly silty GRAVEL (GM). Coarse gravel, 3 in.	
	2" diameter schedule 40 PVC casing, threaded connection, 0'-14'			0.0	12 50/6			
5								5
	Hydrated bentonite chips 1'-12'			0.0	12 17 22		Slightly clayey, silty.	
10		MW-1-10.5		0.5	8 16 17			10
				100	50/6		Moist.	
	#2/12 silica sand filter pack, 12'-24'						Medium dense, very moist, olive gray, slightly clayey SILT (ML). Slight petroleum odor.	
15		MW-1-15.5	TPH-D, TPH-G, BTEX	14.5	12 12 6			15
	2" diameter, schedule 40 PVC screen, 10-slot, 14'-24'			146	5 3 2		Loose.	
20		MW-1-20.5	TPH-D, TPH-G, BTEX	15.8	5 3 3			20
				1.4	18 50/6		Very dense, wet, olive gray, clayey, silty, SAND/GRAVEL (SC-GC), with root fragments. Fine sand, medium gravel.	
	Threaded PVC endcap							
25							Boring terminated at 24 ft BGS.	25

Sampler Type:

- No Recovery
- 3.25" OD D&M Split-Spoon Ring Sampler

PID - Photoionization Detector (Headspace Measurement)

- Static Water Level
- Water Level (ATD)

Logged by: BMS

Approved by: RRH

Figure No. A - 2

Boring Log

Aspect consulting
earth + water

Project Number	Boring Number	Sheet
080129	MW-2	1 of 1

Project Name	Ken's Texaco	Ground Surface Elev	104.63 Relative Site
Location	Ellensburg, WA		
Driller/Method	Cascade Drilling / Hollow Stem Auger	Depth to Water	16.35
Sampling Method	D&M, 300 lb. Jars / Hammer Weight: 300 lb / Hammer Drop:	Start/Finish Date	7/21/2008

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
	8" flushmount monument, 2" J-plug well cap, concrete seal, 0'-1'						Loose, slightly moist, brown, slightly clayey, slightly sandy SILT (ML). Coarse angular sand.	
	2" diameter schedule 40 PVC casing, threaded connection 0'-16.5'				2 3 3			
5								5
	Hydrated bentonite chips, 1'-14.5'				3 3 3		Slightly gravelly. Fine subrounded gravel.	
					2 2 3		Very moist, gray to black. No clay.	
10		MW-2-10.5		8.2			Loose, dark gray, very moist, gravelly SAND (SP). Medium sand. Coarse gravel, 3 in. Petroleum odor.	10
				44.7	50/6		Very stiff, wet, dark gray, slightly silty SAND/GRAVEL (SP-GP). Medium to coarse sand. Subangular gravel. Petroleum odor.	
					4 3 4		Loose, gray to orange, clayey, silty.	
15	#2/12 silica sand filter pack 14.5'-26.5'	MW-2-14.5	TPH-D, TPH-G, BTEX	237			Loose, moist, brown yellow SILT (ML). Slight petroleum odor.	15
							Loose, moist, gray, fine SAND (SP).	
							Loose, moist, yellow red, slightly clayey SILT (ML).	
				0.5	3 4 6			
	2" diameter, schedule 40 PVC screen, 10-slot, 16.5'-26.5'							
					3 2 2		Very dense, gray, very moist, clayey, silty, fine SAND (SC-SM).	
20								20
		MW-2-22.0	TPH-D, TPH-G, BTEX	3.9	14 25 31		Moist, green gray to olive gray, slightly silty SAND (SW). Medium to coarse sand. Petroleum odor.	
				0.6	50/5		Very stiff, wet, brown, silty, very gravelly SAND (SP). Fine sand. Coarse subangular gravel, 2 in.	
25	Threaded PVC endcap							25
							Boring terminated at 26.5 ft BGS.	

Sampler Type:

- No Recovery
- 3.25" OD D&M Split-Spoon Ring Sampler

PID - Photoionization Detector (Headspace Measurement)

- Static Water Level
- Water Level (ATD)

Logged by: BMS

Approved by: RRH

Figure No. A - 3

Boring Log

Aspect consulting
earth + water

Project Number	Boring Number	Sheet
080129	MW-3	1 of 2

Project Name	Ken's Texaco	Ground Surface Elev	104.03 Relative Site
Location	Ellensburg, WA		
Driller/Method	Cascade Drilling / Hollow Stem Auger	Depth to Water	16.55
Sampling Method	D&M, 300 lb. Jars	Start/Finish Date	7/21/2008

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
1	8" flushmount monument, 2" J-plug well cap, concrete seal, 0'-1'						Very loose, moist, dark gray, clayey, gravelly, SILT (ML). Fine to coarse gravel, subangular. Slight petroleum odor.	1
2								2
3								3
4	2" diameter schedule 40 PVC casing, threaded connection 0'-16.5'							4
5		MW-3-4.0	TPH-D, TPH-G, BTEX	51.1	2 1 1			5
6								6
7	Hydrated bentonite chips, 1'-17'			49.5	2 2 2		Slightly gravelly.	7
8								8
9		MW-3-9.0	TPH-D, TPH-G, BTEX		50/6		Very stuff, very gravelly.	9
10								10
11								11
12				13.5	50/		Slightly moist, olive gray.	12
13								13
14							Medium dense, slightly moist, olive gray, slightly clayey SILT/GRAVEL (GM-ML). Coarse gravel. Slight petroleum odor.	14
15				22.2	7 7 15			15
16							Very stiff, moist, brown, slightly clayey, very gravelly SILT (ML). Coarse gravel, 2in., subangular. Slight petroleum odor.	16
17				15.	50/6			17
18	#2/12 silica sand filter pack 17'-29'							18
19							Loose, slightly moist, olive gray to brown, silty CLAY (CL). Slight petroleum odor.	19
20		MW-3-19.5	TPH-D, TPH-G, BTEX	4.2	3 3 6			20
21	2" diameter, schedule 40 PVC screen, 10-slot, 19'-29'							21
22		MW-3-23.0		0.0	5 6 8		Stiff, moist, brown yellow, sandy SILT (ML). Fine sand. Very slight petroleum odor.	22
23								23
24				0.0	12 50/2		Very stiff, very moist, brown yellow, silty, very gravelly SAND (SM). Medium sand. Coarse gravel, 3in. Very slight	24

Sampler Type:

- No Recovery
- 3.25" OD D&M Split-Spoon Ring Sampler

PID - Photoionization Detector (Headspace Measurement)

- Static Water Level
- Water Level (ATD)

Logged by: BMS

Approved by: RRH

Figure No. A - 4

Aspect consulting
earth + water

Boring Log

Project Number	Boring Number	Sheet
080129	MW-3	2 of 2

Project Name	Ken's Texaco	Ground Surface Elev	104.03 Relative Site
Location	Ellensburg, WA		
Driller/Method	Cascade Drilling / Hollow Stem Auger	Depth to Water	16.55
Sampling Method	D&M, 300 lb. Jars	Start/Finish Date	7/21/2008

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
26							petroleum odor.	26
27		MW-3-27.0		0.0	50/5		Very stiff, wet, silty, very sandy GAVEL (GP). Coarse sand. Fine gravel.	27
28								28
29	Threaded PVC endcap							29
30								30
31								31
32								32
33								33
34								34
35								35
36								36
37								37
38								38
39								39
40								40
41								41
42								42
43								43
44								44
45								45
46								46
47								47
48								48
49								49

Sampler Type:
- No Recovery
- 3.25" OD D&M Split-Spoon Ring Sampler

PID - Photoionization Detector (Headspace Measurement)

- Static Water Level
- Water Level (ATD)

Logged by: BMS

Approved by: RRH

Figure No. A - 4

Boring Log

Aspect consulting
earth + water

Project Number	Boring Number	Sheet
080129	MW-4	1 of 1

Project Name	Ken's Texaco	Ground Surface Elev	
Location	Ellensburg, WA		
Driller/Method	Cascade Drilling / Hollow Stem Auger	Depth to Water	24 (ATD)
Sampling Method	D&M, 300 lb. Jars	Start/Finish Date	7/22/2008

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
1	Hydrated bentonite chip backfill						Very dense, slightly moist, brown, SILT/GRAVEL (GM-ML). Fine to coarse gravel, subrounded.	1
2								2
3								3
4					12			4
5				0.1	15 50			5
6								6
7				0.0	50/1		Very dense, slightly moist, brown, gravelly SILT (ML). Fine gravel, subangular.	7
8								8
9				0.0	18 50/2		Brown to brown yellow. Fine to coarse gravel.	9
10								10
11								11
12		MW-4-12.0		0.0	4 4 10		Medium dense.	12
13								13
14								14
15								15
16								16
17				0.0	22 50/6		Very dense, slightly moist, brown, slightly clayey, slightly gravelly, very silty SAND (SM). Fine sand. Coarse gravel, 2 in.	17
18								18
19					12		Dense, moist, dark brown, gravelly, clayey SILT (ML). Fine gravel, subangular.	19
20		MW-4-19.0		0.0	15 16			20
21								21
22		MW-4-22.0	TPH-D, TPH-G, BTEX	0.0	2 3 10		Medium dense, moist, dark brown, silty, gravelly SAND (SM).	22
23							Medium dense, moist, light brown, slightly gravelly, silty CLAY (CL). Coarse gravel, angular.	23
24		MW-4-24.5		0.0	50/6		Very dense, wet, brown, silty, very sandy GRAVEL (GW). Fine to medium sand. Medium to coarse gravel, subangular.	24
							Boring terminated at 24.5 ft BGS	

Sampler Type:

- No Recovery
- 3.25" OD D&M Split-Spoon Ring Sampler

PID - Photoionization Detector (Headspace Measurement)

- Static Water Level
- Water Level (ATD)

Logged by: BMS

Approved by: RRH

Figure No. A - 5

ATTACHMENT B

Laboratory Certificates

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
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
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

July 31, 2008

Chip Goodhue, Project Manager
Aspect Consulting
179 Madrone Lane North
Bainbridge Island, WA 98110

Dear Mr. Goodhue:

Included are the results from the testing of material submitted on July 22, 2008 from the Ken's Texaco, F&BI 807226 project. There are 6 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 should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Bob Hanford
ASP0731R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 22, 2008 by Friedman & Bruya, Inc. from the Aspect Consulting Ken's Texaco, F&BI 807226 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Aspect Consulting
807226-01	MW-1-10.5
807226-02	MW-1-15.5
807226-03	MW-1-20.5
807226-04	MW-2-10.5
807226-05	MW-2-14.5
807226-06	MW-2-22.0
807226-07	MW-3-4.0
807226-08	MW-3-9.0
807226-09	MW-3-19.5
807226-10	MW-3-24.0
807226-11	MW-3-28.5
807226-12	MW-4-12.0
807226-13	MW-4-19.0
807226-14	MW-4-22.0
807226-15	MW-4-24.5

All quality control requirements were acceptable.

Date of Report: 07/31/08
Date Received: 07/22/08
Project: Ken's Texaco, F&BI 807226
Date Extracted: 07/28/08
Date Analyzed: 07/28/08 and 07/29/08

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
MW-1-15.5 807226-02	<0.02	0.09	<0.02	0.52	51	104
MW-1-20.5 807226-03	<0.02	0.06	<0.02	0.41	25	104
MW-2-14.5 807226-05	<0.02	<0.02	<0.02	0.16	10	93
MW-2-22.0 807226-06	0.11	<0.02	0.05	0.10	3	81
MW-3-4.0 807226-07	<0.02	0.06	0.13	1.8	54	81
MW-3-9.0 807226-08	<0.02	<0.02	0.03	0.23	16	71
MW-3-19.5 807226-09	<0.02	<0.02	<0.02	<0.06	8	101
MW-4-22.0 807226-14	<0.02	<0.02	<0.02	<0.06	<2	81
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	82

Date of Report: 07/31/08
Date Received: 07/22/08
Project: Ken's Texaco, F&BI 807226
Date Extracted: 07/25/08
Date Analyzed: 07/26/08

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

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)
MW-1-15.5 807226-02	<50	<250	101
MW-1-20.5 807226-03	<50	<250	102
MW-2-14.5 807226-05	<50	<250	101
MW-2-22.0 807226-06	<50	<250	115
MW-3-4.0 807226-07	1,700 x	7,100	106
MW-3-9.0 807226-08	1,600 x	6,700	103
MW-3-19.5 807226-09	100	<250	103
MW-4-22.0 807226-14	<50	<250	101
Method Blank	<50	<250	103

Date of Report: 07/31/08
Date Received: 07/22/08
Project: Ken's Texaco, F&BI 807226

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 807263-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	90	70-130
Toluene	mg/kg (ppm)	0.5	88	70-130
Ethylbenzene	mg/kg (ppm)	0.5	86	70-130
Xylenes	mg/kg (ppm)	1.5	91	70-130
Gasoline	mg/kg (ppm)	20	82	70-130

Date of Report: 07/31/08
Date Received: 07/22/08
Project: Ken's Texaco, F&BI 807226

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 807265-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	11,000	136 b	172 b	50-150	23 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	121	70-130

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 probablility.

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 - The analyte indicated was found in the method blank. The result should be considered an estimate.

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 - The sample was extracted outside of holding time. Results should be considered estimates.

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 - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

807226

SAMPLE CHAIN OF CUSTODY

ME 07/22/08

VS3 / B03

Page # 1 of

Send Report To: Chip Goodhue

Company: Aspect

Address: 179 Madrone Lane Bainbridge Island

City, State, ZIP: WA 98110

Phone #: (206) 780-7714 Fax #:

SAMPLERS (signature):

PROJECT NAME/NO.: Ken's Texaco

PO #:

REMARKS: Call Chip before running analysis

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 (NP)	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PbH						Notes
MW-1-10.5	01 A-E	7-21	0945	Soil	5							X						
MW-1-15.5	02 A-E	7-21	0955		5	X	X	X										
MW-1-20.5	03 A-E	7-21	1005		5	X	X	X										
MW-2-10.5	04 A-D	7-21	1140		4							X						
MW-2-14.5	05 A-D	7-21	1150		5	X	X	X										
~~MW-2-17.0~~		~~7-21~~										X						
MW-2-22.0	06 A-E	7-21	1300	Soil	5	X	X	X										
MW-3-4.0	07 A-E	7-21	1407		5	X	X	X										
MW-3-9.0	08 A-E	7-21	1416		5	X	X	X										
MW-3-19.5	09 A-E	7-21	1449		5	X	X	X										Samples received at 15 °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:	Bill Sullivan	Aspect	7-22-08	1502
Received by:	Robert Hanford	" "	"	"
Relinquished by:	Robert Hanford	" "	7-22-08	1735
Received by: A Yeshova	Alexandra Yeshova	F/B	"	"

FORMS\COC\COC.DOC

807226

SAMPLE CHAIN OF CUSTODY ME 07/22/08

VS3 / B03

Page # 2 of

Send Report To: Chip Goodhue
Company: Aspect
Address: Bainbridge Island
City, State, ZIP:
Phone # (206) 780-7714 Fax #:

SAMPLERS (signature):
PROJECT NAME/NO.: Kens Texaco
PO #:
REMARKS: Call Chip before running analysis

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 (NP)	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Hold						Notes
MW-3-24.0	10 A-E	7-21	1503	Soil	5							X						Label MW-3-23.0
MW-3-28.5	11 A-E	7-21	1515		5							X						MW 3-27.0
MW-4-12.0	12 A-E	7-22	0855		5							X						
MW-4-19.0	13 A-D	7-22	0910		4							X						
MW-4-22.0	14 A-E	7-22	0920		5	X	X	X										
MW-4-24.5	15 A-E	7-22	0925		5							X						

Sample received at 15 °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:		Bill Sullivan	Aspect	7-22-08	1502
Received by:		Robert Hanford	Aspect	7-22-08	1500
Relinquished by:		Robert Hanford	Aspect	7-22-08	1735
Received by:	A Yershova	Alexandra Yershova	F/B	↓	↓

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

RECEIVED
AUG 20 2008
BY:

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
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
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

August 11, 2008

Chip Goodhue, Project Manager
Aspect Consulting
179 Madrone Lane North
Bainbridge Island, WA 98110

Dear Mr. Goodhue:

Included are the results from the testing of material submitted on July 25, 2008 from the 080129 Ken's Texaco, F&BI 807267 project. There are 11 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 should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Bob Hanford
ASP0811R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 25, 2008 by Friedman & Bruya, Inc. from the Aspect Consulting 080129 Ken's Texaco, F&BI 807267 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Aspect Consulting
807267-01	MW-1-072208
807267-02	MW-2-072208
807267-03	MW-3-072208

The 8260B naphthalene detection for sample MW-3-072208 is partially due to carryover from a previous sample injection. All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267
Date Extracted: 07/28/08
Date Analyzed: 07/29/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 51-134)
MW-3-072208 807267-03	180	102
Method Blank	<100	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267
Date Extracted: 07/28/08
Date Analyzed: 07/28/08 and 07/29/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
MW-1-072208 807267-01	4	6	4	6	910	115
MW-2-072208 d 807267-02 1/10	460	21	160	190	3,000	123
Method Blank	<1	<1	<1	<3	<100	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267
Date Extracted: 07/28/08
Date Analyzed: 07/29/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

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 51-132)
MW-1-072208 x 807267-01	490	<250	115
MW-2-072208 x 807267-02	640	<250	112
MW-3-072208 x 807267-03	1,600	2,000	128
Method Blank	<50	<250	111

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-3-072208	Client:	Aspect Consulting
Date Received:	07/25/08	Project:	080129 Ken's Texaco, F&BI 807267
Date Extracted:	07/28/08	Lab ID:	807267-03
Date Analyzed:	07/28/08	Data File:	072811.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	79	69	124
1,2-Dichloroethane-d4	83	67	131
Toluene-d8	87	73	132
4-Bromofluorobenzene	118	81	146

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<1	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	4.2
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	7.8
Methylene chloride	<5	o-Xylene	3.3
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	1.0
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	2.6
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	1.4	1,3,5-Trimethylbenzene	1.7
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	3.2	1,2,4-Trimethylbenzene	14
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	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	4.4 cp
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Aspect Consulting
Date Received:	NA	Project:	080129 Ken's Texaco, F&BI 807267
Date Extracted:	07/28/08	Lab ID:	081188 mb
Date Analyzed:	07/28/08	Data File:	072806.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	76	69	124
1,2-Dichloroethane-d4	76	67	131
Toluene-d8	85	73	132
4-Bromofluorobenzene	134	81	146

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<1	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	<1	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	<1
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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 807255-12 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	80	69-134

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 807255-12 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	91	65-118
Toluene	ug/L (ppb)	50	92	72-122
Ethylbenzene	ug/L (ppb)	50	101	73-126
Xylenes	ug/L (ppb)	150	98	74-118
Gasoline	ug/L (ppb)	1,000	80	69-134

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267

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

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	102	101	67-141	1

Date of Report: 08/11/08
Date Received: 07/25/08
Project: 080129 Ken's Texaco, F&BI 807267

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

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	115	104	22-164	10
Chloromethane	ug/L (ppb)	50	106	105	43-147	1
Vinyl chloride	ug/L (ppb)	50	103	102	48-142	1
Bromomethane	ug/L (ppb)	50	105	107	37-160	2
Chloroethane	ug/L (ppb)	50	102	92	28-161	10
Trichlorofluoromethane	ug/L (ppb)	50	104	98	52-143	6
Acetone	ug/L (ppb)	50	96	95	21-187	1
1,1-Dichloroethene	ug/L (ppb)	50	104	95	61-127	9
Methylene chloride	ug/L (ppb)	50	85	90	56-136	6
Metbyl t-butyl ether (MTBE)	ug/L (ppb)	50	102	97	82-119	5
trans-1,2-Dichloroethene	ug/L (ppb)	50	103	98	78-118	5
1,1-Dichloroethane	ug/L (ppb)	50	97	96	78-117	1
2,2-Dichloropropane	ug/L (ppb)	50	92	89	62-139	3
cis-1,2-Dichloroethene	ug/L (ppb)	50	97	96	81-118	1
Chloroform	ug/L (ppb)	50	91	90	78-120	1
2-Butanone (MEK)	ug/L (ppb)	50	91	89	53-159	2
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	94	93	74-128	1
1,1,1-Trichloroethane	ug/L (ppb)	50	103	101	70-135	2
1,1-Dichloropropene	ug/L (ppb)	50	94	93	83-120	1
Carbon Tetrachloride	ug/L (ppb)	50	90	88	65-140	2
Benzene	ug/L (ppb)	50	92	91	79-115	1
Trichloroethene	ug/L (ppb)	50	96	95	80-114	1
1,2-Dichloropropane	ug/L (ppb)	50	97	96	80-117	1
Bromodichloromethane	ug/L (ppb)	50	96	95	79-127	1
Dibromomethane	ug/L (ppb)	50	93	92	85-116	1
4-Methyl-2-pentanone	ug/L (ppb)	50	100	100	57-163	0
cis-1,3-Dichloropropene	ug/L (ppb)	50	103	101	85-121	2
Toluene	ug/L (ppb)	50	90	91	82-116	1
trans-1,3-Dichloropropene	ug/L (ppb)	50	105	106	83-125	1
1,1,2-Trichloroethane	ug/L (ppb)	50	96	98	81-114	2
2-Hexanone	ug/L (ppb)	50	100	101	60-167	1
1,3-Dichloropropane	ug/L (ppb)	50	97	98	81-115	1
Tetrachloroethene	ug/L (ppb)	50	91	91	83-115	0
Dibromochloromethane	ug/L (ppb)	50	92	92	77-128	0
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	99	99	81-117	0
Chlorobenzene	ug/L (ppb)	50	89	90	80-109	1
Ethylbenzene	ug/L (ppb)	50	93	93	82-113	0
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	104	105	74-126	1
m,p-Xylene	ug/L (ppb)	100	95	95	82-115	0
o-Xylene	ug/L (ppb)	50	92	92	83-116	0
Styrene	ug/L (ppb)	50	91	91	85-116	0
Isopropylbenzene	ug/L (ppb)	50	86	86	83-120	0
Bromoform	ug/L (ppb)	50	96	96	77-119	0
n-Propylbenzene	ug/L (ppb)	50	90	90	77-122	0
Bromobenzene	ug/L (ppb)	50	94	93	80-112	1
1,3,5-Trimethylbenzene	ug/L (ppb)	50	92	92	80-119	0
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	94	94	72-115	0
1,2,3-Trichloropropane	ug/L (ppb)	50	96	96	77-114	0
2-Chlorotoluene	ug/L (ppb)	50	91	91	76-116	0
4-Chlorotoluene	ug/L (ppb)	50	90	90	78-116	0
tert-Butylbenzene	ug/L (ppb)	50	91	91	77-121	0
1,2,4-Trimethylbenzene	ug/L (ppb)	50	91	90	80-120	1
sec-Butylbenzene	ug/L (ppb)	50	90	90	77-122	0
p-Isopropyltoluene	ug/L (ppb)	50	94	92	84-119	2
1,3-Dichlorobenzene	ug/L (ppb)	50	91	91	78-114	0
1,4-Dichlorobenzene	ug/L (ppb)	50	90	89	79-110	1
1,2-Dichlorobenzene	ug/L (ppb)	50	89	89	80-114	0
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	93	94	84-125	1
1,2,4-Trichlorobenzene	ug/L (ppb)	50	96	96	76-113	0
Hexachlorobutadiene	ug/L (ppb)	50	101	98	65-129	3
Naphthalene	ug/L (ppb)	50	96	96	68-114	0
1,2,3-Trichlorobenzene	ug/L (ppb)	50	95	95	74-124	0

Note: The calibration verification result for chloromethane and 4-bromofluorobenzene exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the calibration is considered valid.

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 probablility.

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.

cp - The presence of the analyte indicated may be partially 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 - The analyte indicated was found in the method blank. The result should be considered an estimate.

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 - The sample was extracted outside of holding time. Results should be considered estimates.

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.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

807267

ME 07-25-08

305/V1

SAMPLE CHAIN OF CUSTODY

Send Report To Chip Goodhue
Company Aspect
Address 179 Madrone Lane North
City, State, ZIP Bainbridge Is WA 98110
Phone # 206 780 7714 Fax # 206 780 9438

SAMPLERS (signature)
PROJECT NAME/NO. 080129 Ken's Texaco
PO #
REMARKS

Page # ____ of ____

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							Notes
MW-1-072208	01AD	7-22		WATER	4	X	X	X										
MW-2-072208	02AD	↓		↓	4	X	X	X										
MW-3-072208	03AD	↓		↓	4	X	X	X	X									
								Grab										

Samples received at 5 °C

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Robert R. Hartford	Aspect	7-25-08	0800
Received by:		Mike Nelson	Aspect	7-25-08	0800
Relinquished by:		MIKE NELSON	ASPECT	7-25-08	1325
Received by:		VINH	FBI	7-25-08	13:25

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

PBS

PORTLA
SEATTLE
VANCOU
EUGENE
BEND
TRI-CITI

July 5, 2006

Mr. Ken Volland
Texaco Service Station
101 East University Way
Ellensburg, WA 98926

Re: LIMITED UNDERGROUND STORAGE TANK (UST) ASSESSMENT AT THE TEXACO SERVICE STATION, 101 EAST UNIVERSITY WAY, ELLENSBURG, WASHINGTON
PBS PROJECT NUMBER #61356.00

Dear Mr. Volland:

In June 2006, at your request, PBS Engineering and Environmental (PBS) completed a Limited UST Assessment of the service station property. This report provides a summary of the UST Assessment results.

BACKGROUND

According to historical information, we understand that an earlier service station was located on the subject property, with that station (and the gasoline containing USTs) removed in 1968. The current Texaco station was constructed on the property soon after the previous station was removed. There are four USTs immediately west of the service station building (2-6,000 gallon and 2-4,000 gallon USTs); the tanks contain diesel and gasoline fuel. In addition, one approximately 300 gallon out-of-service heating oil UST was present immediately north of the main UST tank basin.

FIELD METHODS

The fieldwork for this assessment was conducted on June 14, 2006; with a utility locate completed on the property prior to beginning work. After arrival on the property, station personnel, PBS and the drilling contractor reviewed the location of UST and underground fuel and cathodic protection line locations prior to beginning drilling.

After the site was checked for utility locations, geoprobe borings were completed by ESN Company from Olympia, Washington to sample soil adjacent to the USTs. Six borings, with sampling, were completed adjacent to the existing USTs, fuel lines, pump island and garage hoists. Drill holes were completed at the locations shown on Figure 1. After the borings were completed and the samples were collected, the holes were backfilled with bentonite. Soil samples were collected into 4-ounce glass jars and were shipped in iced coolers to a certified environmental laboratory, within the required holding time of the chosen analytical method.

PBS logged the borings in general accordance with the Unified Soil Classification System, see attached boring logs. In general, materials encountered in the borings included a surface layer of asphalt, with 0.5 feet of gravel fill beneath Various mixtures of silty gravel were present in most of the borings to approximately 16 feet below ground surface, with tan silt beneath to the base of the holes Unless boring refusal was encountered holes were completed to approximately 19 feet below ground surface See the attached boring logs for further information Groundwater was not encountered in the borings, the unconfined groundwater table elevation was estimated to be approximately 25 feet below ground surface.

LABORATORY RESULTS

All samples were submitted to ESN Laboratory in Olympia, Washington for analysis by total petroleum hydrocarbons – hydrocarbon identification method; (NWTPH-HCID) a qualitative procedure to identify the fraction and type of hydrocarbon in the sample. Because positive results were encountered quantitative analysis was required Lead was analyzed in the most contaminated sample because lead is a component of leaded gasoline. Table 1 provides a summary of analytical results for the UST assessment; fuel contamination was encountered in the borings as indicated below. The laboratory report is attached following this report.

TABLE 1
ANALYTICAL RESULTS

Sample/Depth	NWTPH-HCID	BTEX	Gasoline	Diesel	Oil	Lead
SB 1 16-19'	ND	NA	NA	ND	ND	NA
SB2 4-8'	ND	NA	NA	ND	ND	NA
SB2 8-11'	Detect oil/gas	.033/ND/ND/1.15	730	ND	400	NA
SB3 8-10.5'	ND	NA	NA	ND	ND	NA
SB4 11-13'	ND	NA	NA	ND	ND	NA
SB4 14-16'	Detect Gas	.332/.615/ND/4.53	170	ND	ND	NA
SB4 18-19'	Detect Gas	.141/.684/ND/5.72	170	ND	ND	NA
SB5 11-12'	Detect Gas	ND/3 2/8.2/19	1040	ND	ND	17
SB5 15-16'	Detect Gas	ND/.36/.44/1.2	~~75~~ 30	ND	ND	NA
SB6 10-11'	ND	NA	NA	ND	ND	NA
SB613-14'	ND	NA	NA	ND	ND	NA
Cleanup Levels	NA	.03/7/6/9	100/30*	2,000	2,000	250

NOTES:
WDOE – MTCA Method A Cleanup levels for each constituent are indicated in the last line.
Bolded numbers indicate analysis exceeding cleanup levels
All analytical results are in milligrams/kilogram (mg/kg)
ND – Material not detected at or above 20 mg/kg gasoline, 50 mg/kg diesel or 100 mg/kg heavy oil by NWTPH-HCID analysis
BTEX = benzene, toluene, ethylbenzene and xylenes
NA - indicates not applicable or not analyzed.
* = The Method A cleanup level for gasoline is 100 mg/kg or 30 mg/kg if benzene is present.
See Figure I for boring/sample locations.

CONCLUSIONS

Analytical results indicate that petroleum hydrocarbon impact above Washington State Department of Ecology (WDOE) Model Toxic Control Act (MTCA) Method A cleanup levels were found in sub-soils sampled at the Texaco site This information suggests that petroleum hydrocarbons have been released. The contamination is probably confined to soil mostly in and around the UST basin. With the general lessening of contamination with depth, groundwater may not be contaminated Most of the detected contamination was in the existing UST tank basin, which was the same tank basin in use when the earlier tanks were onsite in the 1950s and 1960s No information was provided that indicates whether contamination existed in the tank basin when the original USTs were removed in 1968. The fact that the contaminants are mainly gasoline and tank tightness/interstitial monitoring has been ongoing at the Texaco facility with no indication of tank or line failure, suggests the possibility that the contamination was already in place when the Texaco station was constructed. Gasoline grade product in Boring #2 suggests, since there are currently no gasoline lines in that area, that that contamination predates the Texaco station and was released from a fixture onsite at the earlier time

This assessment cannot indicate when the petroleum hydrocarbon was released, review of Richfield files, 1968 City of Ellensburg Building or Fire Marshall files may provide an indication as to whether contamination was present when the previous station was removed. If it can be shown that UST leakage occurred from the early service station, alternative environmental liability and insurance avenues may be explored to support potential required cleanup.

RECOMMENDATIONS

In accordance with WDOE – MTCA regulations in Chapter 173-340 WAC, PBS recommends that the release be reported to the WDOE. In conjunction with the contact with WDOE, PBS recommends that the station owner consider joining the WDOE Voluntary Cleanup Program (VCP). Joining the VCP will involve submitting this report and receiving a decision from WDOE concerning whether cleanup action, risk assessment, installing monitoring wells/monitoring or further assessment is necessary at the Texaco site. Since the old heating oil UST is not in service, consideration should be given to removing that tank as well

LIMITATIONS

This work was performed in accordance with generally accepted practices of other consultants undertaking similar studies during the same time period and geographical area PBS Environmental observed the same degree of care and skill generally exercised by other consultants under similar circumstances and conditions The findings and conclusions of this report are not scientific certainties, but rather, are based on professional judgement concerning the significance of data gathered during the course of this assessment The recommendations of this report, or lack thereof, are not considered a legal opinion as to the clients duty concerning due diligence relating to potential liabilities in leasing, owning, or purchasing real estate

PBS in not able to represent that the site or adjoining land contains no hazardous waste, oil or other latent conditions beyond that detected or observed by PBS during this study. The possibility always exists for contaminants to migrate through surface water, air, or groundwater.

The ability to accurately address the environmental risk associated with transport in these media is beyond the scope of this investigation

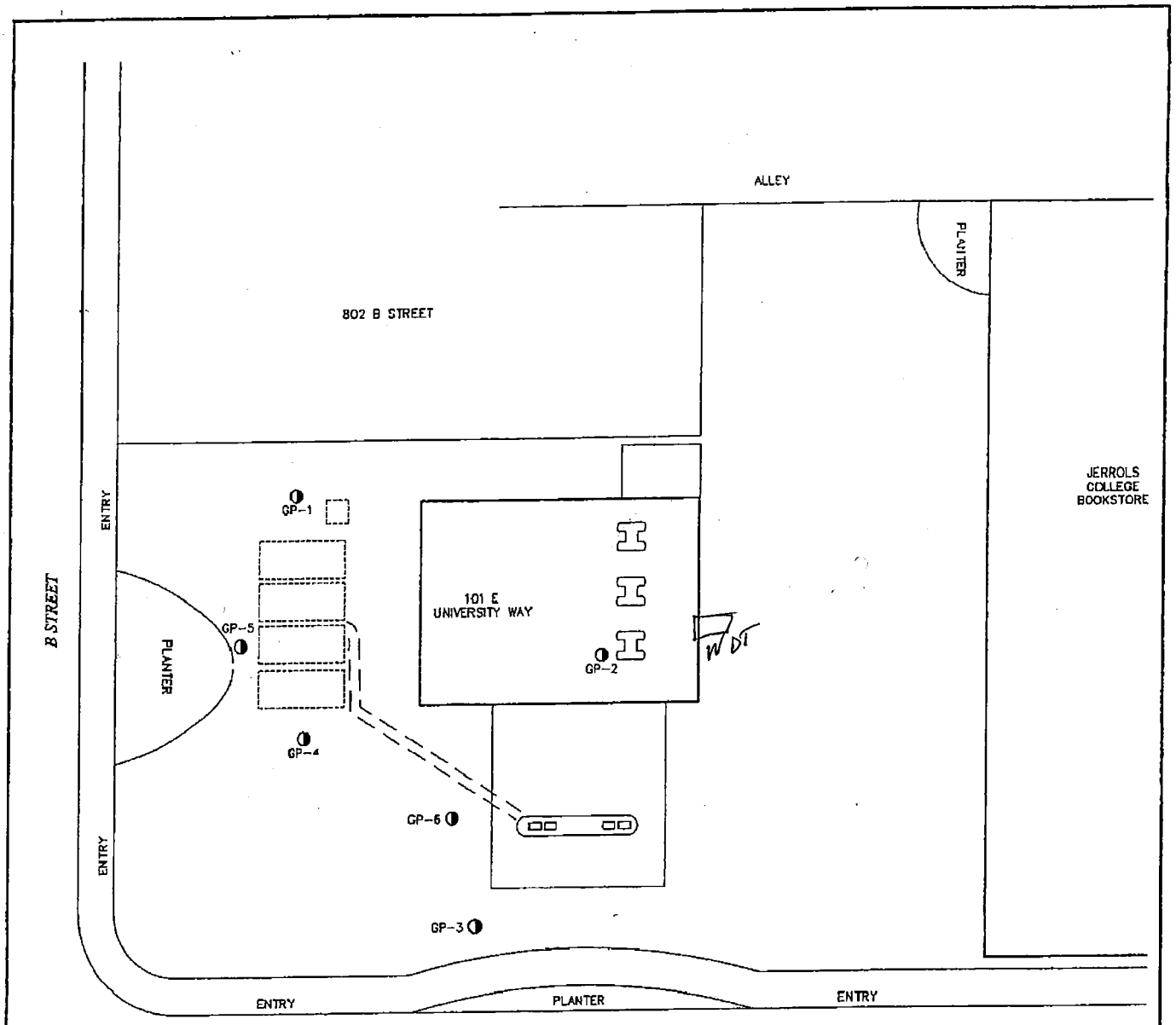
PBS very much appreciates the opportunity to provide this report. You may call the WDOE, Yakima office at (509) 575-2490 to report the release. If you have any questions, need further services or need other supporting information please contact us at (509) 735-2698.

Sincerely,

Paul Danielson, LHG
Project Manager

State of Washington
Hydrogeologist
213
Licensed Geologist
Paul E. Danielson

Attachments: Figure 1
Boring Logs
Analytical Results



LEGEND

GP-1 GEOPROBE AND GEOPROBE NUMBER

UNIVERSITY WAY

0' 15' 30' 60'

SCALE: 1" = 30'

Prepared for KIM VOLLAND

PBS	Project # 61356 000 Date JUNE 2006	SITE VICINITY PLAN 101 E UNIVERSITY WAY ELLENSBURG, WASHINGTON 98926	FIGURE 1

6/29/06 12:50 T:\Projects\61000\61300 -61399\61356\61356_phasell.dwg

PBS
320 N JOHNSON ST
SUITE 700
KENNEWICK, WA 99336
(509) 735-2698
FAX
(509) 735-1867

Bore Hole/Well Construction Log

Project Number	Boring/Well Number	Sheet
61356 00	SB-1	1 of 1

Project Name	KENS TEXACO	TOC Elevation (feet above datum)	_____
Project Location	109 N PINE ST ELLENSBURG, WA	Surface Elevation (feet above datum)	_____
Driller/Equipment	ESN DIRECT-PUSH	Start/End Date	6/14/06
Geologist/Engineer	PAUL DANIELSON	Hole Depth	19'
Sample Method	DIRECT-PUSH/ACETATE LINER	Outer Hole Diameter	2"

Depth (feet, BGS)	Well Construction Details	Sample Data: Sample Interval	PID Reading (ppm)	Sample Number	Blows/ft	Lithologic Column	Soil Description
1							0-0 2' ASPHALT 0 2-1 2' Broken GRAVEL
2							1 2-2 4' Brown, stiff, SILT, moist, medium plasticity.
3							2 4-16' Gray-brown, dense, sandy fine to coarse GRAVEL, w/ silt, slightly moist, non-plastic, (w/ lenses of silt)
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14				~~S1 12'-16'~~			
15							
16							
17							16-19' Tan, hard, SILT, moist, medium plasticity
18				SB1 16'-19'			
19							
20							BOTTOM OF HOLE - NO GROUNDWATER ENCOUNTERED

LOCATION 95' N, 38' E OF STREET EDGE

NOTES

1 SOIL INTERFACES AND DESCRIPTIONS ARE INTERPRETIVE AND ACTUAL CHANGES AND TRANSITIONS MAY BE GRADUAL

2 WATER LEVEL IS FOR DATE SHOWN AND MAY VARY WITH TIME OF YEAR

3 SOIL DESCRIPTIONS NOT INTENDED TO BE USED FOR GEOTECHNICAL DESIGN PURPOSES

SB-1

REV

6/29/06 12 52 T:\Projects\61000\61300 -61399\61356\61356_BORINGS.dwg

PBS
320 N JOHNSON ST
SUITE 700
KENNEWICK, WA 99336
(509) 735-2698
FAX
(509) 735-1867

Bore Hole/Well Construction Log

Project Number	Boring/Well Number	Sheet
61356 00	SB-2	1 of 1

Project Name: KENS TEXACO
Project Location: 109 N PINE ST ELLENSBURG, WA
Driller/Equipment: ESN DIRECT-PUSH
Geologist/Engineer: PAUL DANIELSON
Sample Method: DIRECT-PUSH/ACETATE LINER

TOC Elevation (feet above datum) _____
Surface Elevation (feet above datum) _____
Start/End Date: 6/14/06
Hole Depth: 11'
Outer Hole Diameter: 2"

Depth (feet, BGS)	Well Construction Details	Sample Data: Sample Interval	PID Reading (ppm)	Sample Number	Blows/ft	Lithologic Column	Soil Description
1							0-0 3' CONCRETE 0 3-1' Gray, medium dense, sandy fine to medium GRAVEL, slightly moist, non-plastic
2							
3							1-8' Red brown, stiff, sandy SILT, moist, medium plasticity
4							
5							
6				SB2 4'-8'			
7							
8							
9							8-11' Brown, dense, silty, fine to coarse GRAVEL, moist, non-plastic
10				SB2 8'-11'			
11							BOTTOM OF HOLE - NO GROUNDWATER ENCOUNTERED
12							
13							
14							
15							
16							
17							
18							
19							
20							

LOCATION 98' E & 65' N OF STREET EDGE/IN SOUTH BAY OF BUILDING NEAR HOIST, 5' W

NOTES

1 SOIL INTERFACES AND DESCRIPTIONS ARE INTERPRETIVE AND ACTUAL CHANGES AND TRANSITIONS MAY BE GRADUAL

2 WATER LEVEL IS FOR DATE SHOWN AND MAY VARY WITH TIME OF YEAR

3 SOIL DESCRIPTIONS NOT INTENDED TO BE USED FOR GEOTECHNICAL DESIGN PURPOSES

SB-2

REV

PBS
320 N JOHNSON ST
SUITE 700
KENNEWICK, WA 99336
(509) 735-2698
FAX
(509) 735-1867

Bore Hole/Well Construction Log

Project Number	Boring/Well Number	Sheet
61356 00	SB-3	1 of 1

Project Name	KENS TEXACO	TOC Elevation (feet above datum)	_____
Project Location	109 N PINE ST ELLENSBURG, WA	Surface Elevation (feet above datum)	_____
Driller/Equipment	ESN DIRECT-PUSH	Start/End Date	6/14/06
Geologist/Engineer	PAUL DANIELSON	Hole Depth	10 5'
Sample Method	DIRECT-PUSH/ACETATE LINER	Outer Hole Diameter	2"

Depth (feet, BGS)	Well Construction Details	Sample Data: Sample Interval	PID Reading (ppm)	Sample Number	Blows/ft	Lithologic Column	Soil Description
1, 2, 3							0-0 2' **ASPHALT** 0 2-3' Gray-brown, medium dense, sandy, fine to coarse **GRAVEL**, w/ silt, moist, non-plastic
4, 5, 6, 7							3-7' Gray, dense, sandy fine to coarse **GRAVEL**, moist, non-plastic
8, 9, 10		X		SB3 8'-10 5'			7-10 5' Brown, dense fine to coarse **GRAVEL**, w/ silt, moist, low plasticity clay
11							**BOTTOM OF HOLE - NO GROUNDWATER ENCOUNTERED**[1]
12, 13, 14, 15, 16, 17, 18, 19, 20							

LOCATION 16' N, 74' E OF STREET EDGE

NOTES

1 SOIL INTERFACES AND DESCRIPTIONS ARE INTERPRETIVE AND ACTUAL CHANGES AND TRANSITIONS MAY BE GRADUAL.

2 WATER LEVEL IS FOR DATE SHOWN AND MAY VARY WITH TIME OF YEAR

3 SOIL DESCRIPTIONS NOT INTENDED TO BE USED FOR GEOTECHNICAL DESIGN PURPOSES

SB-3

REV

PBS
320 N JOHNSON ST
SUITE 700
KENNEWICK WA 99336
(509) 735-2698
FAX
(509) 735-1867

Bore Hole/Well Construction Log

Project Number	Boring/Well Number	Sheet
61356 00	SB-4	1 of 1

Project Name: KENS TEXACO
Project Location: 109 N PINE ST ELLENSBURG, WA
Driller/Equipment: ESN DIRECT-PUSH
Geologist/Engineer: PAUL DANIELSON
Sample Method: DIRECT-PUSH/ACETATE LINER

TOC Elevation (feet above datum) _____
Surface Elevation (feet above datum) _____
Start/End Date: 6/14/06
Hole Depth: 19'
Outer Hole Diameter: 2"

Depth (feet, BGS)	Well Construction Details	Sample Data: Sample Interval	PID Reading (ppm)	Sample Number	Blows/ft	Lithologic Column	Soil Description
1							0-0 2' ASPHALT 0 2-1' Brown, dense, sandy GRAVEL, moist, non-plastic
2							1-10' Brown, dense, silty, fine to coarse GRAVEL, moist, non-plastic
3							
4							
5							
6							
7							
8							
9							
10							10-13' Gray, medium-dense, medium to coarse SAND, moist, non-plastic, fuel odor at 11'
11		X					
12		X		SB4 11'-13'			
13							16-19' Tan-red brown, stiff, SILT, moist, medium plasticity, faint fuel odor
14		X					
15		X		SB4 14'-16'			
16							
17							
18		X		SB4 18'-19'			
19							
20							BOTTOM OF HOLE - NO GROUNDWATER ENCOUNTERED

LOCATION 49' N, 42' E OF THE STREET EDGE

NOTES

1 SOIL INTERFACES AND DESCRIPTIONS ARE INTERPRETIVE AND ACTUAL CHANGES AND TRANSITIONS MAY BE GRADUAL

2 WATER LEVEL IS FOR DATE SHOWN AND MAY VARY WITH TIME OF YEAR

3 SOIL DESCRIPTIONS NOT INTENDED TO BE USED FOR GEOTECHNICAL DESIGN PURPOSES

SB-4

REV

PBS
320 N JOHNSON ST
SUITE 700
KENNEWICK, WA 99336
(509) 735-2698
FAX
(509) 735-1867

Bore Hole/Well Construction Log

Project Number	Boring/Well Number	Sheet
61356 00	SB-5	1 of 1

Project Name: KENS TEXACO
Project Location: 109 N PINE ST ELLENSBURG, WA
Driller/Equipment: ESN DIRECT-PUSH
Geologist/Engineer: PAUL DANIELSON
Sample Method: DIRECT-PUSH/ACETATE LINER

TOC Elevation (feet above datum) _____
Surface Elevation (feet above datum) _____
Start/End Date: 6/14/06
Hole Depth: 17'
Outer Hole Diameter: 2"

Depth (feet, BGS)	Well Construction Details	Sample Data: Sample Interval	PID Reading (ppm)	Sample Number	Blows/ft	Lithologic Column	Soil Description
1							0-0.2' ASPHALT 0.2-1' Brown-gray, medium dense, sandy GRAVEL, moist, non-plastic
2							1-10.5' Brown, stiff, gravelly SILT, moist, low-plasticity
3							
4							
5							
6							
7							
8							
9							
10							
11		X		SB5 11'-12'			10.5-13' Gray, loose, sandy, fine GRAVEL, moist, non-plastic, fuel odor
12							
13							13-16' Brown-gray, very dense, silty, fine to coarse GRAVEL, moist, non-plastic
14							
15		X		SB5 15'-16'			
16							16-17' Gray, hard, SILT, moist, low plasticity
17							BOTTOM OF HOLE - NO GROUNDWATER ENCOUNTERED
18							
19							
20							

LOCATION 67' N, 30' E OF STREET EDGE

NOTES

1 SOIL INTERFACES AND DESCRIPTIONS ARE INTERPRETIVE AND ACTUAL CHANGES AND TRANSITIONS MAY BE GRADUAL

2 WATER LEVEL IS FOR DATE SHOWN AND MAY VARY WITH TIME OF YEAR

3 SOIL DESCRIPTIONS NOT INTENDED TO BE USED FOR GEOTECHNICAL DESIGN PURPOSES

SB-5

REV

PBS
320 N JOHNSON ST
SUITE 700
KENNEWICK WA 99336
(509) 735-2698
FAX
(509) 735-1867

Bore Hole/Well Construction Log

Project Number	Boring/Well Number	Sheet
61356 00	SB-6	1 of 1

Project Name: KENS TEXACO
Project Location: 109 N PINE ST ELLENSBURG, WA
Driller/Equipment: ESN DIRECT-PUSH
Geologist/Engineer: PAUL DANIELSON
Sample Method: DIRECT-PUSH/ACETATE LINER

TOC Elevation (feet above datum) _____
Surface Elevation (feet above datum) _____
Start/End Date 6/14/06
Hole Depth 14 5'
Outer Hole Diameter. 2"

Depth (feet, BGS)	Well Construction Details	Sample Data: Sample Interval	PID Reading (ppm)	Sample Number	Blows/ft	Lithologic Column	Soil Description
1							0-0 2' ASPHALT
							0 2-0 5' Gray, medium dense, sandy, fine GRAVEL, moist, non-plastic
2							0 5-3' Brown, stiff, SILT, moist, low plasticity
3							
4							3-14 5' Brown-gray, very dense, silty, fine to coarse GRAVEL, moist, non-plastic
5							
6							
7							
8							
9							
10		X		SB6 10'-11'			
11							
12							
13		X		SB6 13'-14'			
14							
15							BOTTOM OF HOLE - NO GROUNDWATER ENCOUNTERED
16							
17							
18							
19							
20							

LOCATION 36' N, 70' E OF STREET EDGE

NOTES

1 SOIL INTERFACES AND DESCRIPTIONS ARE INTERPRETIVE AND ACTUAL CHANGES AND TRANSITIONS MAY BE GRADUAL

2 WATER LEVEL IS FOR DATE SHOWN AND MAY VARY WITH TIME OF YEAR

3 SOIL DESCRIPTIONS NOT INTENDED TO BE USED FOR GEOTECHNICAL DESIGN PURPOSES

SB-6

REV

ESN NORTHWEST CHEMISTRY LABORATORY

TEXACO PROJECT
Ellensburg, Washington
PBS Environmental Inc

1210 Eastside St SE Ste 200
Olympia, WA 98501
ph 360 459 4670 fx 360 459 3432
lab@esnnw com

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	6/16/2006	110	nd	nd	nd	nd
Method Blank	6/19/2006	100	nd	nd	nd	nd
SB1 16-19	6/16/2006	87	nd	nd	nd	nd
SB2 4-8	6/16/2006	87	nd	nd	nd	nd
SB2 8-11	6/16/2006	104	D	nd	D	nd
SB3 8-10 5	6/16/2006	92	nd	nd	nd	nd
SB4 11-13	6/16/2006	100	nd	nd	nd	nd
SB4 14-16	6/16/2006	93	D	nd	nd	nd
SB4 14-16 Dup	6/16/2006	115	D	nd	nd	nd
SB4 18-19	6/16/2006	114	D	nd	nd	nd
SB5 11-12	6/16/2006	108	D	nd	nd	nd
SB5 15-16	6/19/2009	88	D	nd	nd	nd
SB6 10-11	6/19/2006	104	nd	nd	nd	nd
SB6 13-14	6/16/2006	86	nd	nd	nd	nd
Method Detection Limits			20	50	100	100

"nd" Indicates not detected at listed detection limits
"D" Indicates detected above the listed detection limit
"int" Indicates that interference prevents determination

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY M Farmer & G Dutta

ESN NORTHWEST CHEMISTRY LABORATORY

61356 00
TEXACO PROJECT
Ellensburg, Washington
PBS Environmental Inc

1210 Eastside St. SE Ste 200
Olympia, WA 98501
ph 360.459.4670 fx. 360.459 3432
lab@esnnw com

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	6/20/2006	nd	nd	nd	nd	nd	88
LCS	6/20/2006	97%	104%	98%	106%	---	94
SB2 8-11	6/20/2006	**0.03**	nd	nd	**1.2**	**730***	86
SB4 14-16	6/20/2006	**0.33**	**0.62**	nd	**4.5**	**170**	112
SB4 18-19	6/20/2006	**0.14**	**0.68**	nd	**5.7**	**170**	112
SB5 11-12	6/20/2006	nd	**3.2**	**8.2**	**19**	**1000***	int
SB5 15-16	6/20/2006	nd	**0.36**	**0.44**	**1.2**	**75**	95
Method Detection Limits		0 02	0 05	0 05	0 05	10	

" * " Indicates possible mineral spirits
"--" Indicates not tested for component
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Chlorobenzene) & LCS 65% TO 135%

ANALYSES PERFORMED BY M Farmer & G Dutta

ESN NORTHWEST CHEMISTRY LABORATORY

1210 Eastide St SE Ste 200
Olympia, WA 98501
ph 360 459 4670 fx 360 459 3432
lab@esnnw com

TEXACO PROJECT
Ellensburg Washington
PBS Environmental Inc

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	6/19/2006	110	nd	nd	nd
SB2 8-11	6/19/2006	104	nd	**400**	nd
Method Detection Limits			20	40	40

"nd" Indicates not detected at the listed detection limits
"int" Indicates that interference prevents determination

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY M Farmer & G Dutta

ESN NORTHWEST CHEMISTRY LABORATORY

TEXACO PROJECT
Ellensburg, Washington
PBS Environmental, Inc.
Client Project #61356

Heavy Metals in Soil by EPA-7000 Series

Sample Number	Date Analyzed	Lead (Pb) EPA 7420 (mg/kg)
Method Blank	6/26/2006	nd
SB-5 (11-12)	6/26/2006	16
SB-5 (11-12) Dup.	6/26/2006	17
Method Detection Limits		5

"nd" Indicates not detected at listed detection limits

ANALYSES PERFORMED BY M Farmer

Post-it® Fax Note 7671	Date 7/5	# of pages ▶ 2
To Paul D.	From Marilyn	
Co./Dept. PBS	Co. ESN NW	
Phone # 509 735 2698	Phone # 360 459 4870	
Fax # 509 735-1867	Fax #	

ESN NORTHWEST CHEMISTRY LABORATORY

TEXACO PROJECT
Ellensburg, Washington
PBS Environmental, Inc
Client Project #61356

QA/QC Data - Total Metals EPA-7000 Series Analyses

Sample Number B2							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc (mg/kg)	Measured Conc (mg/kg)	Spike Recovery (%)	Spiked Conc (mg/kg)	Measured Conc (mg/kg)	Spike Recovery (%)	(%)
Lead	250	264	106	250	222	89	17.28

	Laboratory Control Sample		
	Spiked Conc (mg/kg)	Measured Conc (mg/kg)	Spike Recovery (%)
Lead	250	232	93

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY M Farmer

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: PBS Environmental

ADDRESS: 320 N. Johnson #700 Kennewick WA 99336

PHONE: 509) 735-2698 FAX: 735-1867

CLIENT PROJECT #: 61356.00 PROJECT MANAGER: Paul Davidson

DATE: 6-14-06 PAGE 1 OF 1

PROJECT NAME: Texaco

LOCATION: Ellensburg

COLLECTOR: Davidson DATE OF COLLECTION 5-14

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	NOTES	Total Number of Containers	Laboratory Note Number
~~SB-1 12-14~~		~~1-14~~	~~Soil~~	~~4 oz~~																				
" 16-19								X														Called - OK to run (JD)	1	
SB-2	4-8							X																
SB-2	8-11							X																
SB-3	8-10.5					X		X	X		X													
SB-4	11-13							X																
"	14-16							X																
"	18-19					X		X	X															
SB-5	11-12					X		X	X															
SB-5	15-16					X		X	X															
SB-6	10-11							X	X															
SB-6	13-14							X																
SB-4			Water	3-VOAs																				
																						Hold	3	

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	6-14-06	[signature] 515	6/14/06
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES

See notes above - jrk

Turn Around Time 24 HR 48 HR 5 DAY

SAGE Earth Sciences, Inc.
P.O. BOX 1644, ZILLAH, WA 98953
PHONE (509) 829-6400

C 40003887 004338

February 22, 1994

RECEIVED MAR 10 1994 DEPARTMENT OF ECOLOGY CENTRAL REGION OFFICE

Aer-Ex, Inc.
1043 Cascade Way
Ellensburg, WA 98926

Attention: Mr. Mike Smith

SUBJECT: CLOSURE SITE ASSESSMENT FOR THE KEN'S TEXACO, INC. FACILITY, ELLENSBURG, WA.

Dear Mr. Smith,

Enclosed, please find the original and two (2) copies of the closure site assessment report required by the Washington State Department of Ecology (WSDOE). Please transmit the original and one (1) copy to your client. Based on the data and findings reported herein, Sage Earth Sciences, Inc. finds that site soils have been impacted by petroleum hydrocarbons and lead at concentrations exceeding the "Method A Cleanup Levels" of WAC 173-340-740. As you requested, Sage has obtained approval from the Yakima Health District to transport impacted soil from this site to the Anderson Demolition Pits for stockpiling. ?

The WSDOE requires that your client retain a copy of this report for at least ten years. We recommend that it be retained indefinitely. The WSDOE requires us to submit a copy of the Underground Storage Tank Site Check/Site Assessment Checklist to the WSDOE Olympia office. A copy of the completed form is attached as Appendix E. The WSDOE also requires that you complete a copy of the Underground Storage Tank Permanent Closure/Change-In-Service Checklist and submit it to the WSDOE Olympia office. We recommend that you complete this form and submit it as soon as possible.

Sage Earth Sciences, Inc. appreciates the opportunity to provide Closure Site Assessment services for your tank closure projects. If you have any questions, or comments regarding the content of this document, please call us at (509) 829-6400.

Respectfully,
SAGE EARTH SCIENCES, INC.

David L. Green
Principal Geologist

DEPARTMENT OF ECOLOGY UNDERGROUND STORAGE TANKS FEB 24 1994

cc: file
WSDOE Headquarters, Olympia, WA
WSDOE Toxics Cleanup Program, Central Regional Office, Yakima, WA

Project Number: AEI-1493

Closure Site Assessment Report

For
Removal Of A 280 Gallon Waste Oil Tank
At The Ken's Texaco, Inc. Facility
Located at 101 East 8th Street, Ellensburg, WA

Prepared For:

Aer-Ex, Inc.
1043 Cascade Way
Ellensburg, WA 98926

RECEIVED
MAR 10 1994
DEPARTMENT OF ECOLOGY
CENTRAL REGION OFFICE

Prepared By:

SAGE
Earth Sciences, Inc.
P.O. BOX 1644, ZILLAH, WA 98953
PHONE (509) 829-6400

February, 1994

Executive Summary

On October 4, 1993, Sage Earth Sciences, Inc. (Sage) provided soil sampling services upon removal of a 280 gallon underground waste oil storage tank at the Ken's Texaco, Inc. facility located at 101 East 8th Street, Ellensburg, WA. The WSDOE Site Identification Number is 004338. The Tank Identification number is 6. Aer-Ex, Inc. provided the decommissioning services.

Sage inspected the tank upon its removal. The inspection found the tank to be in good condition with moderate corrosion and no holes were observed in the tank or piping. Petroleum stained soils adhering to the tank fill pipe indicates that the tank had been overfilled. Sage collected five (5) soil samples from within the tank excavation and three (3) soil samples from the stockpile of soil generated during the tank removal process, for independent laboratory analysis.

Selected soil samples were submitted to Materials Testing and Consulting, Inc., Mt. Vernon, WA for independent laboratory analysis. The analytical results were compared to the "Method A Cleanup Levels" (Cleanup Levels) of WAC 173-340-740. The comparison found that petroleum hydrocarbon concentrations exceed the Cleanup Levels within the tank excavation and the stockpile of soil generated during the tank removal process. In addition, total lead concentrations also exceed the Cleanup Levels in a sample collected from the soil stockpile. Analysis of this sample using the Toxic Characteristic Leaching Procedure indicates that the soil is not designated as "Dangerous Waste".

Since a suitable storage location was not available on the subject site, the soil stockpile was used for backfill at the tank excavation site pending future remedial activities.

Based upon the analytical results, Sage finds that remedial action is necessary to reduce petroleum hydrocarbon and lead concentrations to acceptable concentrations.

TABLE OF CONTENTS

1.0 Introduction ..... **Page 1**
1.1 Purpose ..... Page 1
1.2 Scope of Work ..... Page 1
2.0 Background Information ..... **Page 1**
2.1 Site History ..... Page 1
2.2 Site Location ..... Page 1
2.3 Site Description ..... Page 1
2.4 UST System Information ..... Page 4
2.5 Soils Description ..... Page 4
3.0 Closure Site Assessment ..... **Page 4**
4.0 Investigative Methodologies ..... **Page 6**
4.1 Soil Sampling ..... Page 6
4.1.1 Soil Sampling Methodology ..... Page 6
4.1.2 Soil Sampling Locations ..... Page 7
4.2 Analytical Methods ..... Page 7
4.3 Quality Assurance/Quality Control ..... Page 8
5.0 Project Summary ..... **Page 8**
6.0 Recommendations ..... **Page 8**
7.0 Limitations ..... **Page 9**

LIST OF APPENDICES

Appendix A: Soil Excavation Profile
Appendix B: Daily Field Sampling Log
Appendix C: Method A Cleanup Levels of WAC 173-340-740
Appendix D: MTC Analytical Data Reports
Appendix E: UST Site Check/Site Assessment Checklist
Appendix F: Letter of Approval to Stockpile PCS at the Anderson Treatment Facility from Yakima Health District

1.0 Introduction

1.1 Purpose

The purpose of this closure site assessment report is to describe findings and actions taken associated with the removal of one (1) 280 gallon underground waste oil storage tank located at the Ken's Texaco, Inc. facility, Ellensburg, Washington.

1.2 Scope of Work

Sage Earth Sciences, Inc. (Sage) provided closure site assessment services upon removal of one (1) Underground Storage Tank (UST) as required by the Washington State Department of Ecology (WSDOE). Aer-Ex, Inc. provided decommissioning and tank removal services. Sage collected representative soil samples in accordance with the WSDOE Guidance for Site Checks and Site Assessments for Underground Storage Tanks (February, 1991; 90-52, Revised October, 1992). The soil samples were submitted to Materials Testing and Consulting, Inc. (MTC), Mount Vernon, WA. for independent laboratory analysis.

2.0 Background Information

2.1 Site History

The facility is owned and operated by Ken's Texaco, Inc. A 280 gallon UST was installed in 1968 for waste oil storage. Aer-Ex, Inc. decommissioned and removed this tank on October 4, 1993.

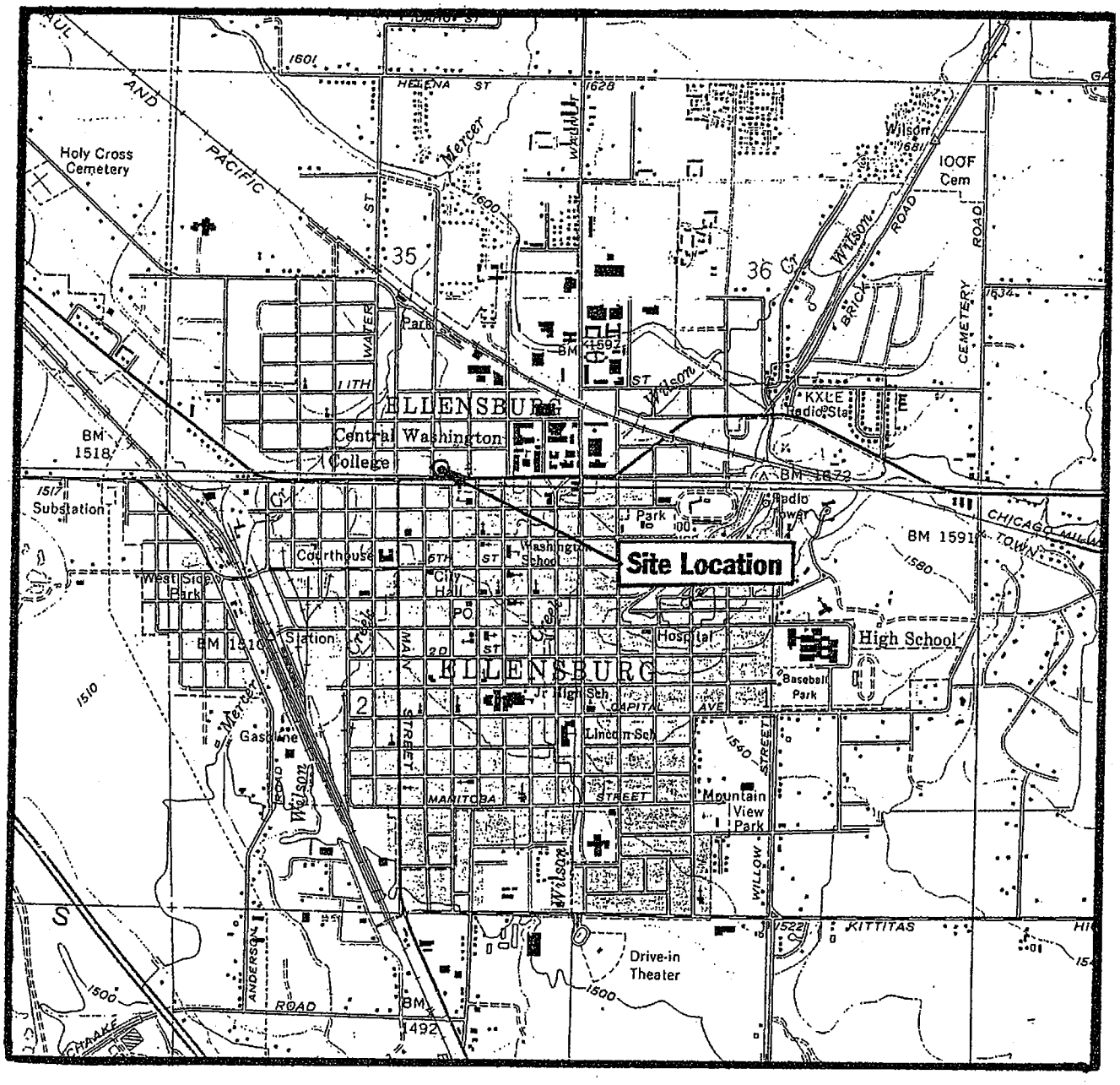
2.2 Site Location

The facility is located at 101 East 8th Street, Ellensburg, WA. It is situated within the SW 1/4 of the SE 1/4 of Section 35, Township 18 North, Range 18 East, Willamette Meridian. The location of the site is shown by Figure 1.

2.3 Site Description

The subject property is currently occupied by a service station. A three (3) bay mechanic shop is located within the only building located on the site. UST systems used for retail sale of petroleum products are located west of the service station building. Fuel dispensers are located south of the building under a canopy.

Eighth Avenue lies immediately south of the subject site. Apartment buildings are located north and east of the site as well as south of Eighth Avenue. Ryder Truck Rental parking is located immediately west of the site. Adjacent land use is shown by Figure 2.



SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETRE

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

GN MN
1°47' 32 MILS
21° 373 MILS

WASHINGTON
QUADRANGLE LOCATION

Figure 1. Site Location Map

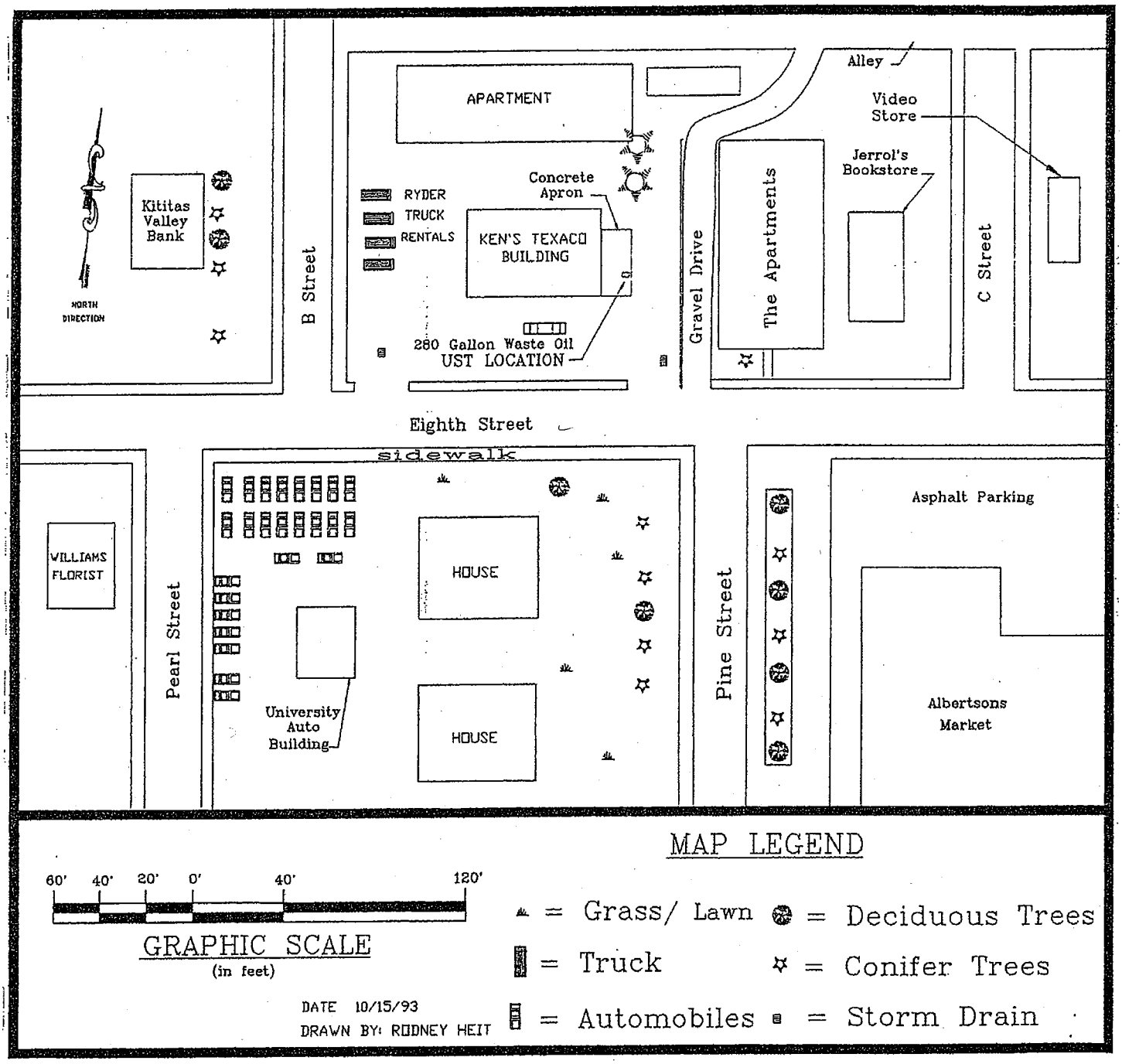


Figure 2. Site Vicinity Map

2.4 UST System Information

The removed UST system consisted of one (1) 280 gallon waste oil storage tank. The tank was installed in 1968. The WSDOE Site Identification Number is 004338 and the Tank Identification number is 6. The tank was situated immediately east of the service station building as shown by Figure 3. The fill pipe was located directly above the tank. A vent line ran from the tank to the east wall of the building.

Sage performed a visual inspection of the tank upon its removal. The inspection found the tank to be in good condition with moderate corrosion on the tank surface. No holes were observed in the tank or fuel piping. Petroleum stains around the fill pipe indicates that the tank may have been overfilled.

2.5 Soils Description

Inspection of soils exposed within the tank excavation found basaltic cobbles and boulders up to one (1) foot in diameter within a clayey silt matrix. The soil is classified as "GP" according to the Unified Soil Classification System. The soil conditions observed within the tank excavation are documented on the Soil Excavation Profile (Appendix A).

3.0 Closure Site Assessment

Rodney Heit, an environmental assessor registered with the WSDOE Underground Storage Tank Section, provided closure site assessment services upon removal of the tank on October 4, 1993. Upon removal of the tank, petroleum staining and odors were observed within the excavation. Sage collected five (5) soil samples (AEI-1493-S1 through AEI-1493-S5) from within the tank excavation and three (3) soil samples (AEI-1493-SP6 through AEI-1493-SP8) from a soil stockpile generated during the tank removal process. Soil sampling locations are shown by Figure 3. Sample descriptions are documented on the Daily Field Sampling Log (Appendix B). No suitable location was available for storage of the excavated impacted soils. The tank excavation was backfilled with soil generated during the tank removal process.

Since site soils were apparently impacted by petroleum products, only two (2) soil samples (AEI-1494-S3 and AEI-1493-S4) collected from within the tank excavation as well as samples collected from the soil stockpile were submitted to MTC for laboratory analysis.

Laboratory analysis of a soil sample (AEI-1493-S4) collected from the north sidewall of the tank excavation found Total Recoverable Petroleum Hydrocarbons (TRPH) at a concentration of 28,779 parts per million (ppm). Laboratory analysis of a soil sample collected from the west sidewall of the tank excavation found TRPH at a concentration of 60 ppm. Comparison of the Analytical results with the "Method A Cleanup Levels" (Cleanup Levels) of WAC 173-340-740 (Appendix C) indicates that

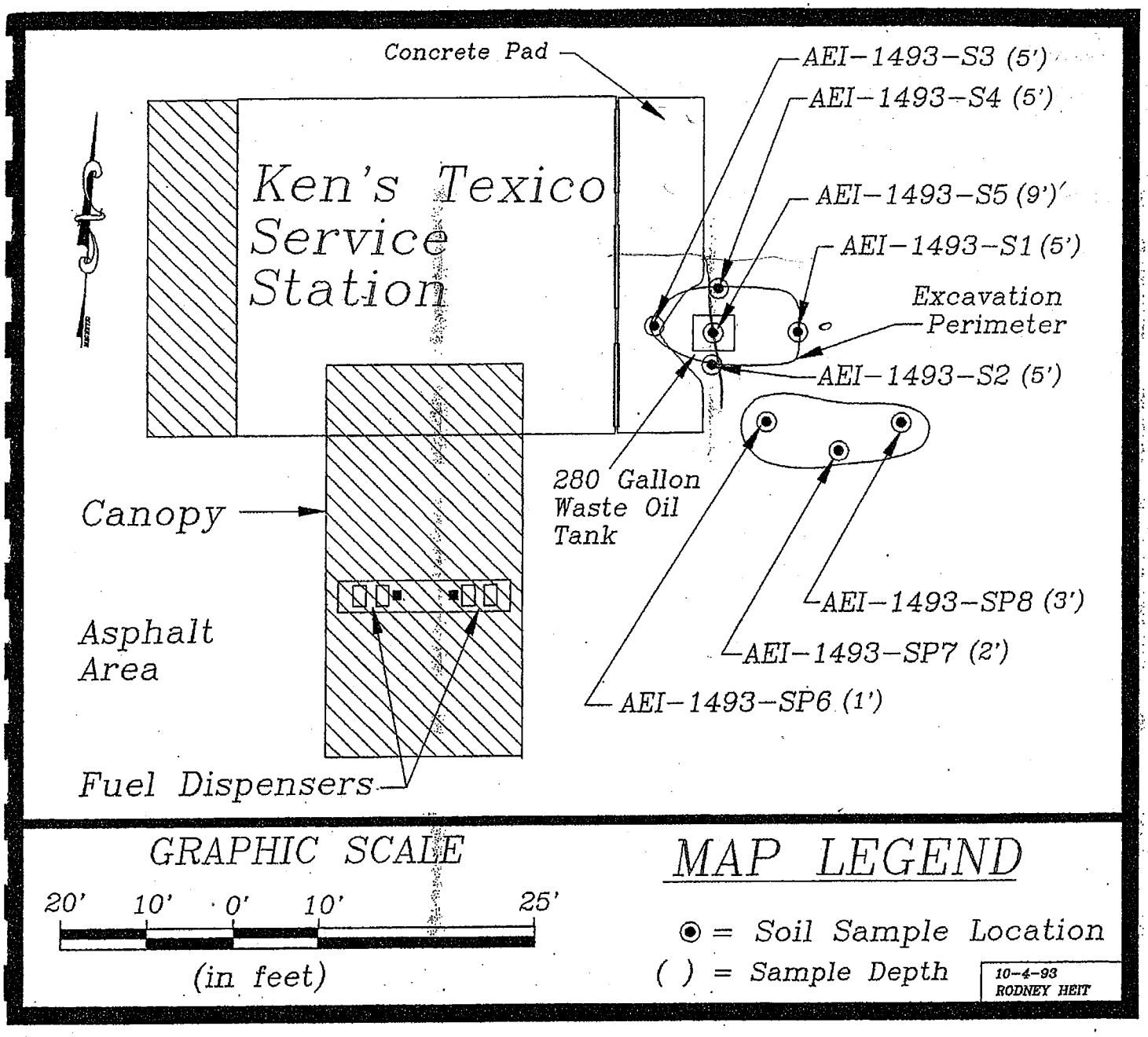


Figure 3. Closure Site Assessment Soil Sampling Locations

remedial action is necessary to reduce petroleum hydrocarbon concentrations within the tank excavation. The analytical data reports are attached as Appendix D.

Laboratory analysis of soil stockpile samples found:

- TRPH concentrations ranging from 38,192 ppm up to 48,536 ppm,
- Total Lead at concentrations ranging from 695 ppm up to 920 ppm,
- Total Arsenic concentrations ranging from 2.18 ppm up to 3.40 ppm,
- Total Cadmium concentrations ranging from 0.32 ppm up to 0.48 ppm,
- Total Chromium concentrations ranging from 20.1 ppm up to 29.7 ppm,
- No detectable (less than 0.025 ppm) Total Mercury and
- No detectable Arochlors (PCB's).

Comparison of the analytical results with the Cleanup Levels indicates that remedial action is necessary to reduce TRPH and Total Lead concentrations to acceptable concentrations.

Analysis of a soil stockpile sample (AEI-1493-S6) for lead using the Toxic Characteristic Leaching Procedure (TCLP) found lead at a concentration of 2.04 ppm. Comparison of the TCLP results with the Toxic Characteristic Rule indicates that the soil is not designated as Dangerous Waste.

As required by the WSDOE, Sage has completed a copy of the Underground Storage Tank Site Check/Site Assessment Checklist and it is attached as Appendix E.

4.0 Investigative Methodologies

4.1 Soil Sampling

Soil sampling locations were chosen at locations considered representative of soil conditions as required by the WSDOE Guidance for Site Checks and Site Assessments of Underground Storage Tanks.

4.1.1 Soil Sampling Methodology

To collect soil samples, Sage used the methodology outlined below.

1. Select a new sample jar whose volume is adequate for the appropriate analysis.

2. Immediately transfer the soil to the sample container, using the container itself to collect the sample. Using new disposable gloves, pack the soil tightly into the container to prevent the loss of volatile compounds. Ensure that the container is filled completely to exclude any airspace in the sample.

3. Label the jar with a unique identification number, the analytical procedure to be used, the time and date of sample collection and the person who collected the sample.

4. Enter the sample on the Chain-of-Custody form.

5. Place the sample in wet ice to cool the samples to approximately four (4) degrees Celsius.

6. Place the samples in a shipping cooler packed with absorbent material and blue ice for shipment.

7. Secure the Chain-of-Custody form to the underside of the cooler lid in a sealable plastic bag with tape.

8. Secure the lid of the cooler with strapping tape and affix custody seals across the lid/cooler interface. Place appropriate shipping waybills atop the cooler.

9. Ship the samples to the laboratory via commercial courier.

4.1.2 Soil Sampling Locations

The Field Sampling Log (Appendix B) provides detailed information with regard to each sampling location. Soil samples were collected from each sidewall, the floor of the excavation and from a stockpile of soil generated during the tank removal process. Soil sampling locations are shown on Figure 3.

4.2 Analytical Methods

For confirmatory laboratory analysis, Sage submitted soil samples to:

Materials Testing & Consulting, Inc.
P.O. Box 309
Mt. Vernon, WA 98273
(206) 757-1400

Analytical parameters were chosen in accordance with guidelines established in the DOE Guidance for Site Checks and Site Assessments of Underground Storage Tanks. The analytical parameters chosen for selected samples consist of:

- TRPH using EPA Method 418.1,
- Total Lead using EPA Method 3050/7420,
- Total Arsenic using EPA Method 3050/7420,
- Total Cadmium using EPA Method 3050/7420,
- Total Chromium using EPA Method 3050/7420,

- Total Mercury using EPA Method 3050/7420,
- TCLP Lead using SW846 1311 and
- Arochlors (PCB's) using EPA Method 3540/8080.

4.3 Quality Assurance/Quality Control

Since volatile organic contaminants were potentially included in the samples, a travel blank was prepared for shipment with the samples. The travel blank (AEI-1493-TB9) consisting of distilled water was prepared and analyzed to detect contamination during transportation and/or storage with other samples. In addition, Sage collected one field duplicate sample (AEI-1493-SP6) for laboratory analysis.

If contaminants are detected in travel blanks, MTC reports the results. Otherwise, quality assurance records for travel blanks are maintained by MTC. A review of the analytical results, by MTC, indicates that the results are acceptable.

5.0 Project Summary

On October 4, 1993, Sage Earth Sciences, Inc. provided soil sampling services upon removal of a 280 gallon waste oil storage tank located at the Ken's Texaco, Inc. facility, Ellensburg, WA. A visual inspection of the tank found it to be in good condition and no holes were observed. Petroleum stains around the fill pipe indicate that the tank had been overfilled.

Sage collected a total of five (5) soil samples from within the tank excavation. Three (3) soil samples were also collected from a stockpile of soil generated during the tank removal process. Soil sampling locations are shown by Figure 3. A travel blank and field duplicate were included with the samples for shipment to the laboratory.

Selected samples were submitted to Materials Testing & Consulting, Mt. Vernon, WA for independent laboratory analysis using analytical parameters required by the WSDOE Guidance for Site Checks and Site Assessments for Underground Storage Tanks.

Analysis of the soil samples found that petroleum hydrocarbon concentrations exceed the Cleanup Levels within the tank excavation and the soil stockpile. In addition, total lead concentrations were found at concentrations exceeding the Cleanup Levels in a sample collected from the soil stockpile. Analysis for lead using the TCLP indicates that the soil is not designated as Dangerous Waste according to the Toxic Characteristic Rule.

6.0 Recommendations

Based upon the analytical results (Appendix D), Sage Earth Sciences, Inc. recommends remedial action to reduce petroleum hydrocarbon and total lead concentrations at the location of the removed UST. Sage has obtained approval to transport impacted soils to the Anderson PCS Treatment Facility, Yakima, WA (see Appendix F).

7.0 Limitations

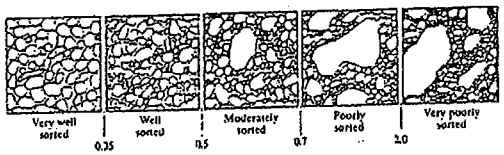
In performance of this project, Sage Earth Sciences has conducted its activities in accordance with current regulatory guidelines. The conclusions and recommendations are based upon our field observations and independent laboratory analyses. Since the investigation is limited to the closure site assessment project, this document does not imply that the property is free of other environmental constraints.

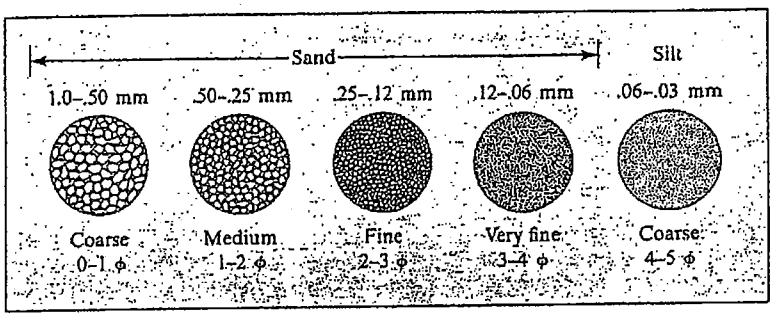
Appendix A

SOIL EXCAVATI N PROFILE

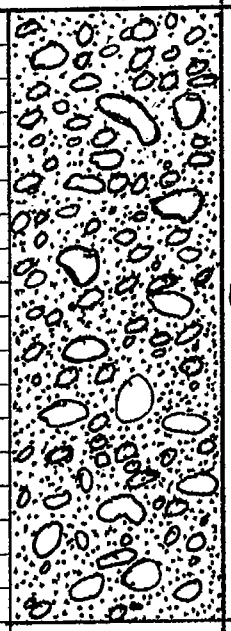
SAGE
Earth Sciences, Inc.
602 Cherryhill Lane
P.O. Box 1644
Zillah, WA 98953
Phone (509) 829-6400

Field Crew RODNEY HEIT
Project Name KENS TEXACO INC. Project # AEI-1493
Address 101 EAST 8TH STREET Date 10/4/93
Location SW 1/4 SE 1/4 Sec. 35 T. 18 N. R. 18 E., W.M. Elevation 1580 Datum MEAN SEA LEVEL
Pit Dimensions BACKFILLED Finish Depth 9' Pit Orientation EAST - WEST





Additional Detrital Rock Classifications on Reverse

Sample #	Matrix	Groundwater	Depth (9' FT)	Graphic Log	Unified Soil Classification	Description of Lithologies
		NOT ENCOUNTERED	1		GP	CLAYEY SILT, MATRIX SUPPORTED VERY POORLY SORTED ROUNDED BASALTIC RIVER GRAVELS & COBBLES UP TO 1' IN DIAMETER
			2			
			3			SOIL IS VERY MOIST BETWEEN GRAVELS
			4			EASY TO MODERATE DIGGING
			5			
			6			
			7			
			8			
			9			EXCAVATION TERMINATED @ 9' FEET (BGS.)

RODNEY HEIT 10/4/93
SAGE Representative Date

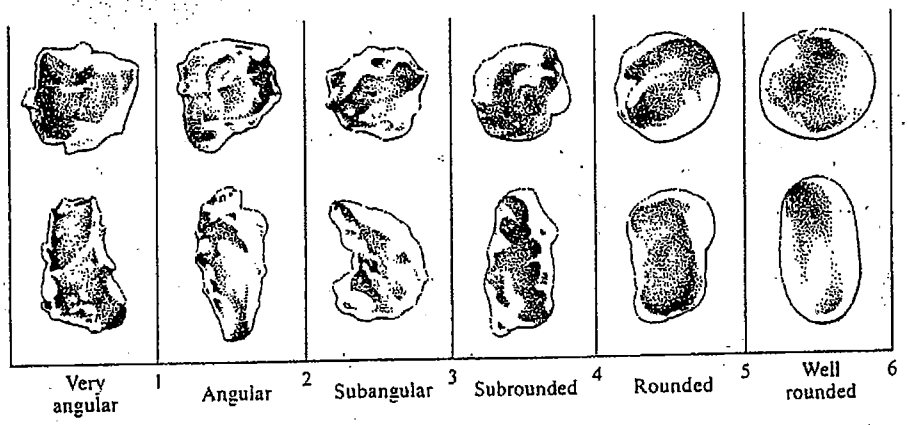


Figure 13-4
Terminology for degree of rounding of detrital grains using a hand lens. The numbers assigned to each roundness class permit calculation of mean roundness and standard deviation. [After M. C. Powers, 1953, *Jour. Sed. Petrology, 23*, Fig. 1.]

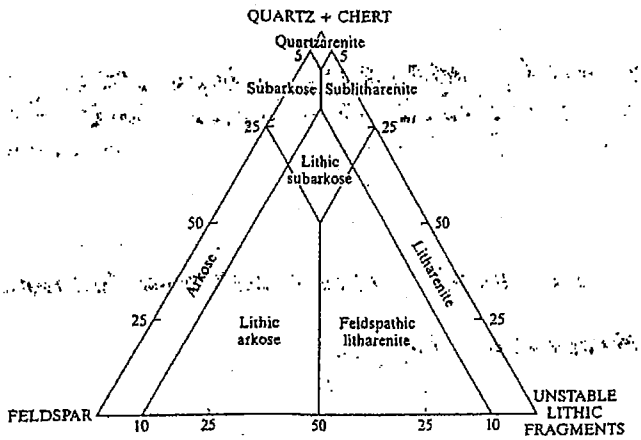
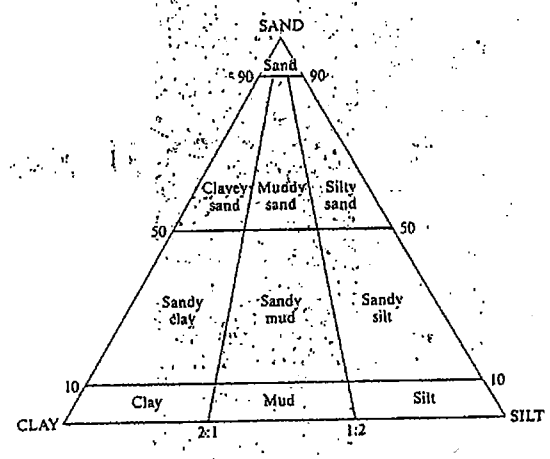


Figure 13-37
One of the many mineralogical classifications of sandstones in common use. [From E. F. McBride, 1963, *Jour. Sed. Petrology, 33*, Fig. 1.]

The Udden–Wentworth Grain Size Scale for Clastic Sediments[a]

	Name	Millimeters	Micrometers	ϕ
GRAVEL		4,096		−12
	Boulder	256		−8
	Cobble	64		−6
	Pebble	4		−2
	Granule	2		−1
SAND	Very coarse sand	1		0
	Coarse sand	0.5	500	1
	Medium sand	0.25	250	2
	Fine sand	0.125	125	3
	Very fine sand	0.062	62	4
MUD	Coarse silt	0.031	31	5
	Medium silt	0.016	16	6
	Fine silt	0.008	8	7
	Very fine silt	0.004	4	8
	Clay	↓	↓	↓

[a]As devised by J. A. Udden (1898) and C. K. Wentworth (1924). The ϕ scale (Krumbein, 1934) was devised to facilitate statistical manipulation of grain-size data and is commonly used. $\phi = -\log_2$ mm.



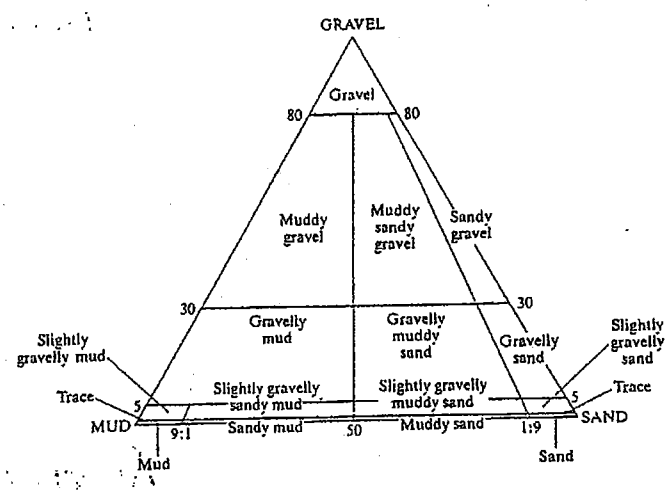


Figure 13-3
Triangular classification of grain sizes in detrital rocks. If no gravel is present, triangle A is used; if gravel is present, triangle B. Note the emphasis given to even a trace amount of gravel. [From R. L. Folk, 1954, *Jour. Geology, 62*, Fig. 1.]

Appendix B

Daily Field Sampling Log

Project # AE1-1493
Date 10-4-93
Sampler RODNEY HEIT
Sheet 1 of 1

Sample #	Location	Matrix	Staining	Odors	Depth	TOV	TLC
AE1-1493-S1	EAST END WALL	SOIL	NO	SEWER/OIL	5'	N/A	
AE1-1493-S2	SOUTH SIDE WALL	SOIL	YES	" "	5'		
AE1-1493-S3	WEST END WALL	SOIL	YES	" "	5'		
AE1-1493-S4	NORTH SIDE WALL	SOIL	YES	" "	5'		
AE1-1493-S5	FLOOR OF EXCAVATION	SOIL	YES	" "	9'		>10,000 - FLOOR
AE1-1493-SP6	STOCKPILED SOIL	SOIL	YES	" "	1'		>5,000
AE1-1493-SP7	" "	SOIL	YES	" "	2'		
AE1-1493-SP8	" "	SOIL	YES	" "	3'		
AE1-1493-TB9	TRAVEL BLANK	H_2O	N/A	N/A			

Ambient Vapors Ø Units
TLC Standards NO FIELD SCREENING REQUESTED EVIDENT CONTAMINATION

S = Soil Sample
GW = Groundwater Sample
SW = Surface Water Sample
D = Duplicate Sample (10 % of samples/matrix)
TB = Travel Blank
SP = SOIL STOCKPILE

Appendix C

Method A Cleanup Levels - Soil [a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	20.0 mg/kg [b]
Benzene	71-43-2	0.5 mg/kg [c]
Cadmium	7440-43-9	2.0 mg/kg [d]
Chromium	7440-47-3	100.0 mg/kg [e]
DDT	50-29-3	1.0 mg/kg [f]
Ethylbenzene	100-41-4	20.0 mg/kg [g]
Ethylene dibromide	106-93-4	0.001 mg/kg [h]
Lead	7439-92-1	250.0 mg/kg [i]
Lindane	58-89-9	1.0 mg/kg [j]
Methylene chloride	75-09-2	0.5 mg/kg [k]
Mercury (inorganic)	7439-97-6	1.0 mg/kg [l]
PAHs (carcinogenic)		1.0 mg/kg [m]
PCB Mixtures		1.0 mg/kg [n]
Tetrachloroethylene	127-18-4	0.5 mg/kg [o]
Toluene	108-88-3	40.0 mg/kg [p]
TPH (gasoline)		100.0 mg/kg [q]
TPH (diesel)		200.0 mg/kg [r]
TPH (other)		200.0 mg/kg [s]
1,1,1 Trichloroethane	71-55-6	20.0 mg/kg [t]
Trichloroethylene	79-01-5	0.5 mg/kg [u]
Xylenes	1330-20-7	20.0 mg/kg [v]

Appendix D

MTC *Analytical/Environmental Services*

Materials Testing & Consulting, Inc
WSDOE Laboratory # C057
WSDOH Laboratory #46

P.O. Box 309
Mount Vernon, WA 98273
(206)757-1400 - FAX (206)757-1402

Client: Sage Earth Sciences
P.O. Box 1644
Zillah, WA 98953

Date: 10/8/93
Reference: 93-1482

Attn:

Project: Kens Texaco Inc

Data Report

Lab Number	Sample Description	ppm TPH	ppb Benzene	Toluene	Ebenzene	Xylenes
84-93-03584.0S	AEI-1493-S3	60	-	-	-	-
84-93-03585.0S	AEI-1493-S4	28779	-	-	-	-
84-93-03585.0S	AEI-1493-S4 dup	24608	-	-	-	-
	Method: 418.1					
	Blank - mg/100mL	0.004				
	QC - Percent of 4mg	115%				
		Soil/Water	Soil/Water	Soil/Water	Soil/Water	Soil/Water
	Method Reporting Limit (MRL)	25/0.1	10.0/1.0	10.0/1.0	10.0/1.0	10.0/1.0
	Maximum Contamination Levels	200/1	500/5	20000/20	40000/40	20000/20

Mary Price
Mary Price
Chemist

t931482

MTC *Analytical/Environmental Services*

Materials Testing & Consulting, Inc
WSDOE Laboratory # C057
WSDOH Laboratory #46

P.O. Box 309
Mount Vernon, WA 98273
(206)757-1400 - FAX (206)757-1402

Client: Sage Earth Sciences
P.O. Box 1644
Zillah, WA 98953

Date: 10/12/93
Reference: 93-1482

Attn:

Project: Kens Texaco Inc

Data Report

Lab Number	Sample Description	ppm TPH	ppb Benzene	Toluene	Ebenzene	Xylenes
84-93-03587.0S	AEI-1493-SP6	38192	-	-	-	-
84-93-03587.0S	AEI-1493-SP6 fdup	40857	-	-	-	-
84-93-03588.0S	AEI-1493-SP7	48536	-	-	-	-
84-93-03588.0S	AEI-1493-SP7 dup	46088	-	-	-	-
84-93-03589.0S	AEI-1493-SP8	5977	-	-	-	-
	Method: 418.1					
	Blank - mg/100mL	0.47				
	QC - Percent of 4mg	96%				
		Soil/Water	Soil/Water	Soil/Water	Soil/Water	Soil/Water
	Method Reporting Limit (MRL)	25/0.1	10.0/1.0	10.0/1.0	10.0/1.0	10.0/1.0
	Maximum Contamination Levels	200/1	500/5	20000/20	40000/40	20000/20

Mary Price
Chemist

t931482b

MTC *Analytical/Environmental Services*

Materials Testing & Consulting, Inc
WSDOE Laboratory # C057
WSDOH Laboratory #46092090

P.O. Box 309
Mount Vernon, WA 98273
(206)424-7560 - FAX (206)424-7550

84
Client: Sage Earth Sciences
P.O. Box 1644
Zillah, WA. 98953

Date: 12/17/93
Reference: 93-1716

Attn: Mr. Dave Green

Project: Kens Texaco

Data Report

Lab Number	Sample Description	Arochlors* (mg\Kg)					Surrogate % Recovery
84-93-04145.0S	AEI-1493-SP7	nd					94
	*-Calibrated Arochlors Arochlor 1016 Arochlor 1221 Arochlor 1232 Arochlor 1242 Arochlor 1248 Arochlor 1254 Arochlor 1260						
	Methods: USEPA SW846: 3540\8080						EPA Acceptance Limits
	Method Reporting Limit (MRL)	0.5					Soil: 50-156
	Maximum Contamination Levels	2					

Kurt W. Larsen
Sr. Environmental Chemist

MTC

Analytical/Environmental Services

Materials Testing & Consulting, Inc
WSDOE Laboratory # C057
WSDOH Laboratory #46

P.O. Box 309
Mount Vernon, WA 98273
(206)757-1400 - FAX (206)757-1402

Client: Sage Earth Sciences
P.O. Box 1644
Zillah, WA 98953

Attn:

Date: 10/13/93
Reference: 93-1482

Project: Kens Texaco Inc

Data Report

Lab Number	Sample Description	Pb mg/kg	As mg/kg	Cd mg/kg	Cr mg/kg	Hg mg/kg
84-93-03587.2S	AEI-1493-SP6	875	2.99	0.48	23.1	<.025
84-93-03587.2S	AEI-1493-SP6 dup	920	3.40	0.47	29.7	<.025
84-93-03587.2S	AEI-1493-SP6 fdup	695	2.18	0.32	20.1	<.025
	Method Blank	<0.5	<.005	<0.001	<0.100	<.0005
	QC Pb 5 mg/L	5.03				
	QC As .40 mg/L		0.35			
	QC Cd .04 mg/l			0.044		
	QC Cr 2 mg/L				1.82	
	Methods:					
	3050/7420,	soil				
	Method Reporting Limit (MRL)	25.0	0.25	0.05	5.0	0.025
	Maximum Contamination Levels	250	20	2.0	100	1.0

Mary Price
Chemist

m931482

MTC *Analytical/Environmental Services*

Materials Testing & Consulting, Inc

1151 Knudson
Mount Vernon, WA 98273
(206)757-1400 - FAX (206)757-1402

WSDOE Laboratory C057
WSDOH Laboratory #046

Client: Sage Earth Sciences
P.O. Box 1644
Zillah, WA 98953

Attn:

Date: 10/12/93
Reference: 93-1482
Date Sampled:

Project: Kens Texaco Inc

DATA REPORT

Sample: AEI-1493-S6

Analyte		Method	Result	Pass/Fail	MCL	MRL	UNITS
Arsenic	As	206.2			5.00	0.10	mg/L
Barium	Ba	208.2			100.00	1.00	mg/L
Cadium	Cd	213.2			1.00	0.10	mg/L
Chromium	Cr	218.2			5.00	1.00	mg/L
Lead	Pb	239.2	2.04	Pass	5.00	1.00	mg/L
Mercury	Hg	245.1			0.20	0.02	mg/L
Selenium	Se	270.2			1.00	0.10	mg/L
Silver	Ag	272.2			5.00	0.10	mg/L
		Extraction method - SW846 1311					

Mary Pride
Chemist

MCL - Maximum Contamination Level
MRL - Method Reporting Limit

m93-1482

MTC *Analytical/Environmental Services*

Materials Testing & Consulting, Inc

1151 Knudson
Mount Vernon, WA 98273
(206)757-1400 - FAX (206)757-1402

WSDOE Laboratory C057
WSDOH Laboratory #046

Client: Sage Earth Sciences
P.O. Box 1644
Zillah, WA 98953

Attn:

Date: 10/12/93
Reference: 93-1482
Date Sampled:

Project: Kens Texaco Inc

DATA REPORT

Sample: AEI-1493-S6 (fdup)

Analyte		Method	Result	Pass/Fail	MCL	MRL	UNITS
Arsenic	As	206.2			5.00	0.10	mg/L
Barium	Ba	208.2			100.00	1.00	mg/L
Cadium	Cd	213.2			1.00	0.10	mg/L
Chromium	Cr	218.2			5.00	1.00	mg/L
Lead	Pb	239.2	1.49	Pass	5.00	1.00	mg/L
Mercury	Hg	245.1			0.20	0.02	mg/L
Selenium	Se	270.2			1.00	0.10	mg/L
Silver	Ag	272.2			5.00	0.10	mg/L
		Extraction method - SW846 1311					

Mary Price
Chemist

MCL - Maximum Contamination Level
MRL - Method Reporting Limit

m93-1482d

SAGE

Earth Sciences, Inc.
602 Cherryhill Lane
Zillah, WA 98953
(509) 829 6100

CHAIN-OF-CUSTODY FORM

Project Name KEN'S TEXICO INC.
Project Number AE1-1493
Sampler ROONEY HEIT
Date 10/04/93 Time 5:00 pm
Destination Materials Testing & Consulting Inc.

Sample Number	Matrix	Number of Containers	Container Size	418.1	TOTAL METALS	602	HCID										
AE1-1493-S1	SOIL	1	4oz						PLEASE ARCHIVE								
AE1-1493-S2	SOIL	1	4oz						PLEASE ARCHIVE								
AE1-1493-S3	SOIL	1	4oz	X													
AE1-1493-S4	SOIL	1	4oz	X													
AE1-1493-S5	SOIL	1	4oz						PLEASE ARCHIVE								
AE1-1493-SP6	SOIL	2	4oz	X	X									DUPLICATE			
AE1-1493-SP7	SOIL	1	4oz	X													
AE1-1493-SP8	SOIL	1	4oz	X													
AE1-1493-TB9	H_2O	1	40ML			X	X						TRAVEL BLANK				

Relinquished by:	Relinquished by:	Relinquished by:
Rodney L Heit		93-1482
Date 10/04/93 Time 5:00 pm	Date Time	Date Time
Relinquished by:	**Relinquished by:**	**Recieved at laboratory by:**
		J McCadw
Date Time	Date Time	Date 10/5/93 Time 10:45 am

Appendix E

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

For Office Use Only
Owner # 00002871
Site # 004338

INSTRUCTIONS:

When a release has **not** been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with Ecology. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
P. O. Box 47655
Olympia, WA 98504-7655

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): #004338

Site/Business Name: KEN'S TEXACO INC

Site Address: 101 EAST 8TH STREET (Street) Telephone: (509) 925-9216

ELLENSBURG (City) WA. (State) 98926 (ZIP-Code)

DEPARTMENT OF ECOLOGY
FEB 24 1994

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
#6	280 GALLON	WASTE OIL

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- ____ Investigate suspected release due to on-site environmental contamination
- ____ Investigate suspected release due to off-site environmental contamination.
- ____ Extend temporary closure of UST system for more than 12 months.
- ____ UST system undergoing change-in-service.
- ✓ UST system permanently closed-in-place.
- ✓ UST system permanently closed with tank removed.
- ____ Abandoned tank containing product.
- ____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ____ Other (describe): ____

Appendix F

CENTRAL OFFICE — 575-4040 — 104 North First Street — Yakima, Wash. 98901
SUNNYSIDE OFFICE — 837-3411 — 1319 Saul Road — P.O. Box 821 — Sunnyside, Wash. 98944

YAKIMA HEALTH DISTRICT EST. 1911 PREVENTION IS OUR BUSINESS

December 28, 1993

Rod Heit
Sage Earth Sciences
P.O. Box 1644
Zillah, Wa. 98953

Ref. Ken's Texaco, Ellensburg, Wa.: Petroleum Contaminated Soil

Mr. Heit,

This office has reviewed the data on the above mentioned project. Based on the data submitted it has been determined that the soil may be stockpiled at the Anderson PCS Site with the following conditions;

1. the material will be stockpiled in an area away from any soils currently undergoing treatment.

2. the material can be on-site for no more than 90 days unless the proper approvals for treatment have been issued.

3. the material will be stockpiled on a min. 30 mil PVC liner or equivalent, or the soil under the stockpile area will be tested after the soil is removed and any soil which exceeds the class 1 soil standards will be remediated.

If you have any questions regarding this letter please contact me.

Sincerely,

Art McEwen

Art McEwen
Field Sanitarian

cc: Ron Anderson
41 Rocky Top Road
Yakima, WA 98908

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

For Office Use Only
Owner # [illegible]
Site # [illegible]

INSTRUCTIONS:

When a release has **not** been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with Ecology. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
P. O. Box 47655
Olympia, WA 98504-7655

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): #004338

Site/Business Name: KEN'S TEXACO INC

Site Address: 101 EAST 8TH STREET (Street) Telephone: (509) 925-9216

ELLENSBURG (City) WA. (State) 98926 (ZIP-Code)

DEPARTMENT OF ECOLOGY
FEB 24 1994

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
#6	280 GALLON	WASTE OIL

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- ____ Investigate suspected release due to on-site environmental contamination
- ____ Investigate suspected release due to off-site environmental contamination.
- ____ Extend temporary closure of UST system for more than 12 months.
- ____ UST system undergoing change-in-service.
- ____ UST system permanently closed-in-place.
- ✓ UST system permanently closed with tank removed.
- ____ Abandoned tank containing product.
- ____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ____ Other (describe): ____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

		YES	NO
1.	The location of the UST site is shown on a vicinity map.	RH	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	RH	
3.	A summary of UST system data is provided. (see Section 3.1)	RH	
4.	The soils characteristics at the UST site are described. (see Section 5.2)	RH	
5.	Is there any apparent groundwater in the tank excavation?		RH
6.	A brief description of the surrounding land use is provided. (see Section 3.1)	RH	
7.	Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	RH	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	RH	
	- groundwater samples distinguished from soil samples (if applicable)	RH	
	- samples collected from stockpiled excavated soil	RH	
	- tank and piping locations and limits of excavation pit	RH	
	- adjacent structures and streets	RH	
	- approximate locations of any on-site and nearby utilities	RH	
9.	If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	RH	
10.	A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	RH	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	RH	
12.	The results of this site check/site assessment indicate that a confirmed release of a regulated substance has **not** occurred.		RH

SITE ASSESSOR INFORMATION

RODNEY HEIT
Person registered with Ecology

SAGE EARTH SCIENCES INC.
Firm Affiliated with

Business Address: 601 GLENWOOD DRIVE
Street

Telephone: (509) 829-6400

ZILLAH — City
WA. — State
98953 — ZIP+Code

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

10/04/93
Date

Rodney Heit
Signature of Person Registered with Ecology

APPENDIX B

Laboratory Reports (on CD)

May 14, 2012 - Laboratory Reports

RECEIVED
MAY 1 5 2012
BY:

Libby Environmental, Inc.
4139 Libby Road NE • Olympia, WA 98506-2518

May 14, 2012

Bob Hanford
Aspect Consulting
350 Madison Avenue N
Bainbridge Island, WA 98110

Dear Mr. Hanford:

Please find enclosed the analytical data report for the Ken's Texaco Project located in Ellensburg, Washington. Soil samples were analyzed for Diesel & Oil by NWTPH-Dx/Dx Extended, Volatile Organic Compounds by EPA Method 8260C, Gasoline by NWTPH-Gx on April 25, 26, 27 & 30, 2012 and a soil sample was analyzed for Total Lead by EPA Method 6010B on May 1, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Grange Insurance Associates.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@aol.com

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120425-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-BT-F10-14	G-SW-F10-10	G-SW-G10-10	G-SP-1	G-SP-2
Date Sampled	Reporting	N/A	4/25/12	4/25/12	4/25/12	4/25/12	4/25/12
Date Analyzed	Limits	4/25/12	4/25/12	4/25/12	4/25/12	4/25/12	4/25/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	620	nd	nd	nd	19
Naphthalene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		84	80	80	73	68	79
1,2-Dichloroethane-d4		82	66	68	67	67	67
Toluene-d8		110	129	113	114	95	120
4-Bromofluorobenzene		114	98	1241	112	127	119

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120425-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-SP-1

Matrix Spike

	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.59	118
Toluene	0.50	0.61	122

Surrogate Recovery	
Dibromofluoromethane	72
1,2-Dichloroethane-d4	93
Toluene-d8	98
4-Bromofluorobenzene	110

Laboratory Control Sample

	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.6	122
Toluene	0.50	0.6	126

Surrogate Recovery	
Dibromofluoromethane	78
1,2-Dichloroethane-d4	73
Toluene-d8	123
4-Bromofluorobenzene	120

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120425-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SP-3	G-SW-G9-4	G-SW-G9-4 Dup	G-BT-F10-19
Date Sampled	Reporting	N/A	4/25/12	4/25/12	4/25/12
Date Analyzed	Limits	4/25/12	4/25/12	4/25/12	4/25/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	19
Naphthalene	0.03	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		85	78	82	79
1,2-Dichloroethane-d4		67	69	80	70
Toluene-d8		125	114	111	111
4-Bromofluorobenzene		120	112	113	118

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120425-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	4/25/12	104	nd	nd	nd
G-BT-F10-14	4/25/12	118	nd	nd	nd
G-SW-F10-10	4/25/12	103	nd	nd	nd
G-SW-G10-10	4/25/12	120	nd	nd	nd
G-SP-1	4/25/12	104	nd	nd	nd
G-SP-2	4/25/12	114	nd	nd	nd
G-SP-3	4/25/12	105	nd	nd	nd
G-SW-G9-4	4/25/12	114	nd	nd	nd
G-SW-G9-4 Dup	4/25/12	106	nd	nd	nd
G-BT-F10-19	4/25/12	109	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

SPECTRA Laboratories

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

05/04/2012

Libby Environmental, Inc.
4139 Libby Rd NE
Olympia, WA 98506
Attn: Sherry Chilcutt

Project:	Ken's Texaco
Client ID:	6-BT-F10-14
Sample Matrix:	Soil
Date Sampled:	04/27/2012
Date Received:	05/01/2012
Spectra Project:	2012050021
Spectra Number:	1

Analyte	Result	Units	Method
Total Lead	9	mg/Kg	SW846 6010B

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager
a6/scj

SPECTRA Laboratories

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

5/4/2012

Libby Environmental
4139 Libby Rd. NE
Olympia, WA 98506

Units: mg/L
Spectra Project: 2012050021
Applies to Spectra #'s 1

QUALITY CONTROL RESULTS

ICP Metals SW846 6010B - Soil/Solid/Filter/Wipe

Method Blank

Date Digested: 5/4/2012 Date Analyzed: 5/4/2012

Element	Blank Result
Lead	< 0.04

Blank Spike (LCS)

Date Digested: 5/4/2012 Date Analyzed: 5/4/2012

Element	Spike Added	LCS Conc.	LCS %Rec
Lead	2.0	1.991	99.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 5/1/2012 Date Analyzed: 5/1/2012
Sample Spiked: 2012040453-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc	MSD %Rec	RPD
Lead	2.978	2.0	5.062	104.2	4.990	100.6	3.5

Recovery Limits 75-125%
RPD Limit 20

SPECTRA LABORATORIES

Steven G. Hibbs
Laboratory Manager

201205002 1

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/1/12 Page: of

Client: Libby Environmental

Project Manager: Jamie Deyman

Address: SEE ABOVE

Project Name: KOW'S TEXACO

Phone: Fax:

Location: City:

Client Project #

Collector: Date of Collection: 4-27-12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals Pb				Field Notes
1 6-BT-F10-14			SOIL	4oz JAR												X			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	5/1/12 12:25pm	[signature]	5/1/12 @ 1222
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:
5-DAY STD
Due 5/7/12

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 4/25/12 Page: 1 of 1

Client: ASPECT
Address: 350 Madison Ave N.
Phone: Fax:
Client Project #

Project Manager: Rob Hanford
Project Name: Ken's Terrace
Location: Ellensburg, WA
Collector: Eric Gassinger Date of Collection: 4/25/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	VOA 8260 with 11 MB	Lead		Field Note/# Containers
1 WO-PROFILE		1055	soil							X		X							Hold
2 G-BT-F10-14		1235					X			X		X					X		
3 G-SW-F10-10		1240					X			X		X							
4 G-SW-G10-10		1245					X			X		X							
5 G-SP-1		1200					X			X		X							
6 G-SP-2		1205					X			X		X							
7 G-SP-3		1310					X			X		X							
8 G-SW-G9-4		1340					X			X		X							
9 G-BT-F10-19		1540																	
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by	Date / Time
[signature]	4/25/12	[signature]	4-25-12
Relinquished by:	Date / Time	Received by	Date / Time
Relinquished by:	Date / Time	Received by	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

TAT 24HR 48HR 5-Day

Distribution White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SP-4	G-SP-5	G-SP-6	G-BT-I10-23	G-SW-I10-16
Date Sampled	Reporting	N/A	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12
Date Analyzed	Limits	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	1.07
Toluene	0.03	nd	nd	nd	0.10	0.12	0.31
Ethylbenzene	0.03	nd	nd	nd	0.88	0.30	28.3
Total Xylenes	0.03	nd	nd	nd	2.88	0.98	56.3
Gasoline	10	nd	nd	nd	99	58	112
Naphthalene	0.03	nd	nd	nd	0.46	0.065	6.79
Surrogate Recovery							
Dibromofluoromethane		89	84	89	71	72	82
1,2-Dichloroethane-d4		80	70	75	65	68	98
Toluene-d8		113	113	115	109	109	124
4-Bromofluorobenzene		121	119	120	117	107	95

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-K10-20							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.45	90	0.50	0.48	96	6.5
Toluene	0.50	0.47	94	0.50	0.50	100	6.2
Surrogate Recovery							
Dibromofluoromethane			71			86	
1,2-Dichloroethane-d4			80			79	
Toluene-d8			117			128	
4-Bromofluorobenzene			114			104	

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.52	104
Toluene	0.50	0.64	128
Surrogate Recovery			
Dibromofluoromethane			95
1,2-Dichloroethane-d4			100
Toluene-d8			121
4-Bromofluorobenzene			128

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SW-J10-16	G-SW-J10-16 Dup	G-BT-K10-20	G-SW-K10-15	G-SW-L10-15	G-SW-L10-7
Date Sampled	Reporting	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12
Date Analyzed	Limits	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12	4/26/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	0.073	0.085	nd	nd	0.098	nd
Toluene	0.03	2.31	2.20	nd	nd	nd	nd
Ethylbenzene	0.03	14.9	14.8	nd	nd	0.69	nd
Total Xylenes	0.03	34.7	34.1	nd	nd	nd	nd
Gasoline	10	3810 (e)	3580 (e)	27	nd	160	nd
Naphthalene	0.03	4.55	3.88	0.44	nd	0.48	nd
Surrogate Recovery							
Dibromofluoromethane		89	100	69	72	75	75
1,2-Dichloroethane-d4		90	86	68	87	69	72
Toluene-d8		103	104	108	122	120	104
4-Bromofluorobenzene		98	115	110	102	109	100

"(e)" Indicates estimated value.
"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	4/26/12	99	nd	nd	nd
G-SP-4	4/26/12	103	nd	nd	nd
G-SP-5	4/26/12	118	nd	nd	nd
G-SP-6	4/26/12	107	nd	nd	nd
G-SP-6 Dup	4/26/12	122	nd	nd	nd
G-SW-L10-7	4/26/12	77	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	G-SW-L10-7
Date Extracted	Reporting	N/A	4/26/12
Date Analyzed	Limits	4/26/12	4/26/12
	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd
Chloromethane	0.06	nd	nd
Vinyl chloride *	0.02	nd	nd
Bromomethane	0.09	nd	nd
Chloroethane	0.06	nd	nd
Trichlorofluoromethane	0.05	nd	nd
1,1-Dichloroethene	0.05	nd	nd
Methylene chloride	0.02	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd
1,1-Dichloroethane	0.02	nd	nd
2,2-Dichloropropane	0.05	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd
Chloroform	0.02	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd
Carbon tetrachloride	0.02	nd	nd
1,1-Dichloropropene	0.02	nd	nd
Benzene	0.02	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd
Trichloroethene (TCE)	0.03	nd	nd
1,2-Dichloropropane	0.02	nd	nd
Dibromomethane	0.04	nd	nd
Bromodichloromethane	0.02	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd
Toluene	0.02	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd
1,3-Dichloropropane	0.05	nd	nd
Dibromochloromethane	0.03	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd
Chlorobenzene	0.02	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd
Ethylbenzene	0.03	nd	nd
Total Xylenes	0.03	nd	nd
Styrenes	0.02	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	G-SW-L10-7
Date Extracted	Reporting	N/A	4/26/12
Date Analyzed	Limits	4/26/12	4/26/12
	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd
Isopropylbenzene	0.08	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd
Bromobenzene	0.03	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd
n-Propylbenzene	0.02	nd	nd
2-Chlorotoluene	0.02	nd	nd
4-Chlorotoluene	0.02	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd
tert-Butylbenzene	0.02	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd
sec-Butylbenzene	0.02	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd
Isopropyltoluene	0.02	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd
n-Butylbenzene	0.02	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd
Naphthalene	0.03	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd
Surrogate Recovery			
Dibromofluoromethane		89	75
1,2-Dichloroethane-d4		80	72
Toluene-d8		113	104
4-Bromofluorobenzene		121	100

"nd" Indicates not detected at listed deteetion limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120426-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-K10-20							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.33	66	0.50	0.33	66	0.0
Benzene	0.50	0.45	90	0.50	0.48	96	6.5
Toluene	0.50	0.47	94	0.50	0.50	100	6.2
Chlorobenzene	0.50	0.45	90	0.50	0.44	88	2.2
Trichloroethene (TCE)	0.50	0.43	86	0.50	0.46	92	6.7
Surrogate Recovery							
Dibromofluoromethane			71			86	
1,2-Dichloroethane-d4			80			79	
Toluene-d8			117			128	
4-Bromofluorobenzene			114			104	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50		0
Benzene	0.50	0.52	104
Toluene	0.50	0.64	128
Chlorobenzene	0.50		0
Trichloroethene (TCE)	0.50		0
Surrogate Recovery			
Dibromofluoromethane			95
1,2-Dichloroethane-d4			100
Toluene-d8			121
4-Bromofluorobenzene			128

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 4/26/12 Page: of

Client: Aspect Consulting

Project Manager: Bob Hanford

Address: 350 Madison Ave N. B.I.

Project Name: Ken's Texaco

Phone: Fax:

Location: Ellensburg, WA City:

Client Project #

Collector: Eric Geissinger Date of Collection: 4/26/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 (BTEX + Naph)	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	VOA 8260 all VOC			Field Notes
1 G-SP-4		0750	Soil				X			X		X							
2 G-SP-5		0755					X			X		X							
3 G-SP-6		0810					X			X		X							
4 G-BT-IV-23		0930					X			X									
5 G-SW-IV-16		0910					X			X									
6 G-SW-JW-16		0915					X			X									
7 G-BT-K10-20		1200					X			X									
8 G-SW-K10-15		1220					X			X									
9 G-SW-L10-15		1225					X			X									
10 G-SW-L10-7		1230								X		X				X			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	4/26/12	[illegible]	4-26-12

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120427-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SP-7	G-SP-7 Dup	G-SP-8	G-SP-9	G-SP-10
Date Sampled	Reporting	N/A	4/27/12	4/27/12	4/27/12	4/27/12	4/27/12
Date Analyzed	Limits	4/27/12	4/27/12	4/27/12	4/27/12	4/27/12	4/27/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	nd	0.055	nd
Ethylbenzene	0.03	nd	nd	nd	nd	0.071	nd
Total Xylenes	0.03	nd	nd	nd	nd	0.32	nd
Gasoline	10	nd	nd	nd	nd	40	nd
Naphthalene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		80	76	83	76	85	75
1,2-Dichloroethane-d4		81	69	66	72	66	69
Toluene-d8		108	107	126	107	107	107
4-Bromofluorobenzene		115	111	109	115	105	109

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120427-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-SP-8							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.56	112	0.50	0.59	118	5.2
Toluene	0.50	0.59	118	0.50	0.61	122	3.3
Surrogate Recovery							
Dibromofluoromethane			80			76	
1,2-Dichloroethane-d4			75			68	
Toluene-d8			108			107	
4-Bromofluorobenzene			114			105	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.47	94
Toluene	0.50	0.51	102
Surrogate Recovery			
Dibromofluoromethane			93
1,2-Dichloroethane-d4			90
Toluene-d8			124
4-Bromofluorobenzene			117

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120427-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SP-11	G-SP-12	G-BT-F13-23	G-BT-G13-26	G-SW-F12-15	G-SW-F14-15
Date Sampled	Reporting	N/A	4/27/12	4/27/12	4/27/12	4/27/12	4/27/12
Date Analyzed	Limits	4/27/12	4/27/12	4/27/12	4/27/12	4/29/12	4/29/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	0.14	nd	0.45	nd
Total Xylenes	0.03	nd	nd	nd	0.13	nd	1.15
Gasoline	10	17	nd	nd	nd	1810	5280
Naphthalene	0.03	nd	nd	nd	nd	1.45	3.65
Surrogate Recovery							
Dibromofluoromethane		75	74	77	69	78	79
1,2-Dichloroethane-d4		68	72	70	70	65	81
Toluene-d8		108	107	118	108	118	108
4-Bromofluorobenzene		112	113	108	117	76	99

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120427-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	4/27/12	103	nd	nd	nd
G-SP-7	4/27/12	109	102	nd	nd
G-SP-8	4/27/12	int	574	nd	nd
G-SP-9	4/27/12	87	nd	nd	nd
G-SP-9 Dup	4/27/12	90	nd	nd	nd
G-SP-10	4/27/12	95	59	nd	nd
G-SP-11	4/27/12	127	213	nd	nd
G-SP-12	4/27/12	95	nd	nd	nd
G-BT-F13-23	4/27/12	88	nd	nd	nd
G-BT-G13-26	4/27/12	99	25	nd	nd
G-SW-F12-15	4/27/12	98	nd	nd	nd
G-SW-F14-15	4/27/12	94	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 4/27/12 Page: 1 of 1

Client: Aspect Consulting

Project Manager: Bob Hanford

Address: 353 Madison

Project Name: Kent Terrace

Phone: Fax:

Location: City: Ellensburg, WA

Client Project #

Collector: Eric Gensinger Date of Collection: 4/27/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	VOA 8260 All			Field Notes
1 G-SP-7		0845	Soil				X			X		X							
2 G-SP-8		0850					X			X		X							
3 G-SP-9		0855					X			X		X							
4 G-SP-10		1135					X			X		X							
5 G-SP-11		1140					X			X		X							
6 G-SP-12		1145					X			X		X							
7 G-BT-FB-23		1245					X			X		X							
8 G-BT-GB-20		1300					X			X		X							
9 G-SW-FC-15		1305					X			X		X							
10 G-SW-FM-15		1310					X			X		X							
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	4/27/12	[illegible]	4/27/12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-BT-H12-23	G-BT-H14-23	G-BT-H14-23 Dup	WO-SW-K13-7	G-BT-J12-22
Date Sampled	Reporting	N/A	4/30/12	4/30/12	4/30/12	4/30/12	4/30/12
Date Analyzed	Limits	4/30/12	4/30/12	4/30/12	4/30/12	4/30/12	4/30/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	0.50	0.45	nd	nd
Toluene	0.03	nd	nd	0.063	0.064	nd	nd
Ethylbenzene	0.03	nd	0.50	0.13	0.13	nd	nd
Total Xylenes	0.03	nd	1.40	0.20	0.19	nd	nd
Gasoline	10.0	nd	41	nd	nd	nd	nd
Naphthalene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		71	85	84	75	81	85
1,2-Dichloroethane-d4		73	72	70	86	67	66
Toluene-d8		110	107	107	107	127	110
4-Bromofluorobenzene		122	118	117	114	109	109

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-J12-22

Matrix Spike

	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.52	104
Toluene	0.50	0.51	102
Surrogate Recovery			
Dibromofluoromethane			92
1,2-Dichloroethane-d4			90
Toluene-d8			125
4-Bromofluorobenzene			109

Laboratory Control Sample

	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.57	114
Toluene	0.50	0.60	120
Surrogate Recovery			
Dibromofluoromethane			83
1,2-Dichloroethane-d4			80
Toluene-d8			109
4-Bromofluorobenzene			122

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-J13-22	G-SW-J12-15	G-SW-K13-15	G-SW-K13-15 Dup
Date Sampled	Reporting	N/A	4/30/12	4/30/12	4/30/12
Date Analyzed	Limits	4/30/12	4/30/12	4/30/12	4/30/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	110	117
Toluene	0.03	0.14	nd	1630	1720
Ethylbenzene	0.03	0.073	nd	545	579
Total Xylenes	0.03	7.84	nd	3120	3380
Gasoline	10.0	316	nd	36300	44100
Naphthalene	0.03	7.93	nd	260	252
Surrogate Recovery					
Dibromofluoromethane		84	75	77	80
1,2-Dichloroethane-d4		79	79	78	81
Toluene-d8		100	109	111	111
4-Bromofluorobenzene		112	114	114	116

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	4/30/12	98	nd	nd	nd
WO-SW-K13-7	4/30/12	79	nd	nd	nd
WO-SW-K13-7 Dup	4/30/12	90	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-K13-7
Date Extracted	Reporting	N/A	4/30/12
Date Analyzed	Limits	4/30/12	4/30/12
	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd
Chloromethane	0.06	nd	nd
Vinyl chloride *	0.02	nd	nd
Bromomethane	0.09	nd	nd
Chloroethane	0.06	nd	nd
Trichlorofluoromethane	0.05	nd	nd
1,1-Dichloroethene	0.05	nd	nd
Methylene chloride	0.02	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd
1,1-Dichloroethane	0.02	nd	nd
2,2-Dichloropropane	0.05	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd
Chloroform	0.02	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd
Carbon tetrachloride	0.02	nd	nd
1,1-Dichloropropene	0.02	nd	nd
Benzene	0.02	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd
Trichloroethene (TCE)	0.03	nd	nd
1,2-Dichloropropane	0.02	nd	nd
Dibromomethane	0.04	nd	nd
Bromodichloromethane	0.02	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd
Toluene	0.02	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd
1,3-Dichloropropane	0.05	nd	nd
Dibromochloromethane	0.03	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd
Chlorobenzene	0.02	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd
Ethylbenzene	0.03	nd	nd
Total Xylenes	0.03	nd	nd
Styrenes	0.02	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-K13-7
Date Extracted	Reporting	N/A	4/30/12
Date Analyzed	Limits	4/30/12	4/30/12
	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd
Isopropylbenzene	0.08	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd
Bromobenzene	0.03	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd
n-Propylbenzene	0.02	nd	nd
2-Chlorotoluene	0.02	nd	nd
4-Chlorotoluene	0.02	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd
tert-Butylbenzene	0.02	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd
sec-Butylbenzene	0.02	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd
Isopropyltoluene	0.02	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd
n-Butylbenzene	0.02	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd
Naphthalene	0.03	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd
Surrogate Recovery			
Dibromofluoromethane		71	81
1,2-Dichloroethane-d4		73	67
Toluene-d8		110	127
4-Bromofluorobenzene		122	109

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120430-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: Matrix Spike	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.33	66
Benzene	0.50	0.52	104
Toluene	0.50	0.51	102
Chlorobenzene	0.50	0.43	86
Trichloroethene (TCE)	0.50	0.44	88
Surrogate Recovery			
Dibromofluoromethane			92
1,2-Dichloroethane-d4			90
Toluene-d8			125
4-Bromofluorobenzene			109

Laboratory Control Sample	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.34	68
Benzene	0.50	0.57	114
Toluene	0.50	0.60	120
Chlorobenzene	0.50	0.49	98
Trichloroethene (TCE)	0.50	0.63	126
Surrogate Recovery			
Dibromofluoromethane			83
1,2-Dichloroethane-d4			80
Toluene-d8			109
4-Bromofluorobenzene			122

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 4/30/12 Page: 1 of

Client: Aspect

Project Manager: Bob Hartford

Address:

Project Name: KENS texaco

Phone: Fax:

Location: City: Ellensburg, WA

Client Project #

Collector: Amy Tice Date of Collection: 4/30/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-BT-H12-23	23	0915	soil				X			X									
2 G-BT-H14-23	23	0950					X			X									
3 WO-SW-K13-7	7	1240								X		X				X			
4 G-BT-J12-22	22	1313					X			X									
5 G-BT-J13-22	22	1315					X			X									
6 G-SW-J12-15	15	1318					X			X									
7 G-SW-K13-15	15	1325					X			X									
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
	4/30/12		4-30-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

May 21, 2012 - Laboratory Reports

Libby Environmental, Inc.
4139 Libby Road NE • Olympia, WA 98506-2518

May 21, 2012

Bob Hanford
Aspect Consulting
350 Madison Avenue N
Bainbridge Island, WA 98110

Dear Mr. Hanford:

Please find enclosed the analytical data report for the Ken's Texaco Project located in Ellensburg, Washington. Soil samples were analyzed for Diesel & Oil by NWTPH-Dx/Dx Extended, Volatile Organic Compounds by EPA Method 8260C, Gasoline by NWTPH-Gx on May 1, 2, 3, 4, 9, 10, 11, 14, 15 & 16, 2012.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been sent to Grange Insurance Associates.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L Deyman

Jamie L. Deyman
President
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@aol.com

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SW- L13-15	G-SW- L13-15 Dup	G-BT-L13-22
Date Sampled	Reporting	N/A	5/1/12	5/1/12	5/1/12
Date Analyzed	Limits	5/1/12	5/1/12	5/1/12	5/1/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	0.28
Toluene	0.03	nd	nd	nd	nd
Ethylbenzene	0.03	nd	0.40	0.40	0.11
Total Xylenes	0.03	nd	1.47	1.43	0.11
Gasoline	10.0	nd	25	29	30
Naphthalenes	0.03	nd	0.27	0.24	0.15
Surrogate Recovery					
Dibromofluoromethane		78	79	79	66
1,2-Dichloroethane-d4		77	66	66	70
Toluene-d8		108	129	129	108
4-Bromofluorobenzene		114	111	111	115

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: WO-SW-M11-7

	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.55	110	0.50	0.55	110	0.0
Toluene	0.50	0.61	122	0.50	0.61	122	0.0
Surrogate Recovery							
Dibromofluoromethane			119			119	
1,2-Dichloroethane-d4			112			112	
Toluene-d8			109			109	
4-Bromofluorobenzene			109			109	

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.52	104
Toluene	0.50	0.56	112
Surrogate Recovery			
Dibromofluoromethane			108
1,2-Dichloroethane-d4			108
Toluene-d8			108
4-Bromofluorobenzene			116

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/1/12	86	nd	nd	nd
WO-SW-L13-7	5/1/12	85	nd	nd	nd
WO-SW-L13-7 Dup	5/1/12	90	nd	nd	nd
WO-SW-M10-7	5/1/12	94	nd	nd	nd
WO-SW-M11-7	5/1/12	90	nd	nd	nd
G-SP-13	5/1/12	87	nd	nd	nd
G-SP-14	5/1/12	116	nd	nd	nd
G-SP-15	5/1/12	95	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	5/1/12	108	nd
WO-SW-L13-7	5/1/12	105	22
WO-SW-M10-7	5/1/12	128	nd
WO-SW-M11-7	5/1/12	107	nd
G-SP-13	5/1/12	116	nd
G-SP-14	5/1/12	108	nd
G-SP-15	5/1/12	108	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-L13-7	WO-SW-M10-7	WO-SW-M11-7	G-SP-13	G-SP-14
Date Sampled	Reporting	N/A	5/1/12	5/1/12	5/1/12	5/1/12	5/1/12
Date Analyzed	Limits	5/1/12	5/1/12	5/1/12	5/1/12	5/1/12	5/1/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	0.26	nd	nd	nd	nd
Styrene	0.02	nd	nd	nd	nd	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-L13-7	WO-SW-M10-7	WO-SW-M11-7	G-SP-13	G-SP-14
Date Sampled	Reporting	N/A	5/1/12	5/1/12	5/1/12	5/1/12	5/1/12
Date Analyzed	Limits	5/1/12	5/1/12	5/1/12	5/1/12	5/1/12	5/1/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalenes	0.03	nd	0.75	nd	0.11	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		78	77	76	71	72	73
1,2-Dichloroethane-d4		77	79	68	72	67	79
Toluene-d8		108	105	128	107	116	108
4-Bromofluorobenzene		114	113	112	111	113	113

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: WO-SW-M11-7							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.34	68	0.50	0.34	68	0.0
Benzene	0.50	0.55	110	0.50	0.55	110	0.0
Toluene	0.50	0.61	122	0.50	0.61	122	0.0
Chlorobenzene	0.50	0.38	76	0.50	0.38	76	0.0
Trichloroethene (TCE)	0.50	0.53	106	0.50	0.53	106	0.0
Surrogate Recovery							
Dibromofluoromethane			119			119	
1,2-Dichloroethane-d4			112			112	
Toluene-d8			109			109	
4-Bromofluorobenzene			109			109	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.33	66
Benzene	0.50	0.52	104
Toluene	0.50	0.56	112
Chlorobenzene	0.50	0.43	86
Trichloroethene (TCE)	0.50	0.51	102
Surrogate Recovery			
Dibromofluoromethane			108
1,2-Dichloroethane-d4			108
Toluene-d8			108
4-Bromofluorobenzene			116

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		G-SP-15
Date Sampled Date Analyzed	Reporting Limits (mg/kg)	5/1/12 5/1/12 (mg/kg)
Dichlorodifluoromethane	0.06	nd
Chloromethane	0.06	nd
Vinyl chloride	0.02	nd
Bromomethane	0.09	nd
Chloroethane	0.06	nd
Trichlorofluoromethane	0.05	nd
1,1-Dichloroethene	0.05	nd
Methylene chloride	0.02	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd
trans -1,2-Dichloroethene	0.02	nd
1,1-Dichloroethane	0.02	nd
2,2-Dichloropropane	0.05	nd
cis -1,2-Dichloroethene	0.02	nd
Chloroform	0.02	nd
1,1,1-Trichloroethane (TCA)	0.02	nd
Carbon tetrachloride	0.02	nd
1,1-Dichloropropene	0.02	nd
Benzene	0.02	nd
1,2-Dichloroethane (EDC)	0.03	nd
Trichloroethene (TCE)	0.03	nd
1,2-Dichloropropane	0.02	nd
Dibromomethane	0.04	nd
Bromodichloromethane	0.02	nd
cis-1,3-Dichloropropene	0.02	nd
Toluene	0.02	nd
Trans-1,3-Dichloropropene	0.03	nd
1,1,2-Trichloroethane	0.03	nd
Tetrachloroethene (PCE)	0.02	nd
1,3-Dichloropropane	0.05	nd
Dibromochloromethane	0.03	nd
1,2-Dibromoethane (EDB) *	0.005	nd
Chlorobenzene	0.02	nd
1,1,1,2-Tetrachloroethane	0.03	nd
Ethylbenzene	0.03	nd
Total Xylenes	0.03	nd
Styrene	0.02	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120501-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		G-SP-15
Date Sampled	Reporting	5/1/12
Date Analyzed	Limits	5/1/12
	(mg/kg)	(mg/kg)
Bromoform	0.02	nd
Isopropylbenzene	0.08	nd
1,2,3-Trichloropropane	0.02	nd
Bromobenzene	0.03	nd
1,1,2,2-Tetrachloroethane	0.02	nd
n-Propylbenzene	0.02	nd
2-Chlorotoluene	0.02	nd
4-Chlorotoluene	0.02	nd
1,3,5-Trimethylbenzene	0.02	nd
tert-Butylbenzene	0.02	nd
1,2,4-Trimethylbenzene	0.02	nd
sec-Butylbenzene	0.02	nd
1,3-Dichlorobenzene	0.02	nd
Isopropyltoluene	0.02	nd
1,4-Dichlorobenzene	0.02	nd
1,2-Dichlorobenzene	0.02	nd
n-Butylbenzene	0.02	nd
1,2-Dibromo-3-Chloropropane	0.03	nd
1,2,4-Trichlorolbenzene	0.05	nd
Hexachloro-1,3-butadiene	0.10	nd
Naphthalenes	0.03	nd
1,2,3-Trichlorobenzene	1.0	nd

Surrogate Recovery	
Dibromofluoromethane	72
1,2-Dichloroethane-d4	77
Toluene-d8	108
4-Bromofluorobenzene	113

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/1/12 Page: 1 of

Client: Aspect

Project Manager: [illegible]

Address:

Project Name: [illegible]

Phone: Fax:

Location: City: Ellensburg, WA

Client Project #

Collector: AET Date of Collection: 5/1/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 BTEX Analysis	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	WAC 246-290 [illegible]			Field Notes
1 WG-SW-LB-7	7	0930	SOIL							X		X				X			
2 G-SW-LB-15	15	0935					X			X									
3 G-BT-LB-22	22	0940					X			X									
4 WG-SW-MW-7	7	1100								X		X				X			
5 WG-SW-MW-7	7	1105								X		X				X			
6 G-SP-13	-	1120					X			X		X				X			
7 G-SP-14	-	1125					X			X		X				X			
8 G-SP-15	-	1130					X			X		X				X			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	5/1/12	Paul Burk	5-1-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120502-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SW-M10-15	G-SW-M11-15	G-BT-M11-24	G-SW-M13-15	G-BT-M13-22
Date Sampled	Reporting	N/A	5/2/12	5/2/12	5/2/12	5/2/12	5/2/12
Date Analyzed	Limits	5/2/12	5/2/12	5/2/12	5/2/12	5/2/12	5/2/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	0.072	nd	20.7	0.75
Toluene	0.03	nd	nd	nd	nd	186	0.42
Ethylbenzene	0.03	nd	nd	0.076	nd	65.5	0.20
Total Xylenes	0.03	nd	nd	1.53	nd	375	1.17
Gasoline	10.0	nd	nd	232	nd	5970	17
Naphthalenes	0.03	nd	nd	0.87	nd	25.6	0.18
Surrogate Recovery							
Dibromofluoromethane		80	76	75	76	75	72
1,2-Dichloroethane-d4		83	71	70	69	81	74
Toluene-d8		108	106	107	113	108	106
4-Bromofluorobenzene		116	111	110	105	117	113

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120502-10

QA/QC Data - EPA 8260C Analyses

Sample Identification:	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.50	100	0.50	0.58	116	14.8
Toluene	0.50	0.55	110	0.50	0.63	126	13.6
Surrogate Recovery							
Dibromofluoromethane			82			106	
1,2-Dichloroethane-d4			84			112	
Toluene-d8			124			97	
4-Bromofluorobenzene			117			115	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.65	130
Toluene	0.50	0.65	130
Surrogate Recovery			
Dibromofluoromethane			68
1,2-Dichloroethane-d4			76
Toluene-d8			114
4-Bromofluorobenzene			114

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120502-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/2/12	92	nd	nd	nd
WO-SW-M14-7	5/2/12	97	nd	nd	nd
WO-SW-M14-7 Dup	5/2/12	98	nd	nd	nd
WO-SW-M13-9	5/2/12	int	3970	nd	nd
WO-SW-M13-9 Dup	5/2/12	int	4120	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120502-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-M14-7	WO-SW-M14-7 Dup	WO-SW-M13-9
Date Sampled	Reporting	N/A	5/2/12	5/2/12	5/2/12
Date Analyzed	Limits	5/2/12	5/2/12	5/2/12	5/2/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	0.77
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd
Toluene	0.02	nd	nd	nd	49.9
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	19.1
Total Xylenes	0.03	nd	nd	nd	102
Styrene	0.02	nd	nd	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120502-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-M14-7	WO-SW-M14-7 Dup	WO-SW-M13-9
Date Sampled	Reporting	N/A	5/2/12	5/2/12	5/2/12
Date Analyzed	Limits	5/2/12	5/2/12	5/2/12	5/2/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	8.7
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	31.4
2-Chlorotoluene	0.02	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	13.9
tert-Butylbenzene	0.02	nd	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	72.3
sec-Butylbenzene	0.02	nd	nd	nd	43.5
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd	41.2
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	66.9
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	17.6
1,2,4-Trichlorolbenzene	0.05	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd	13.5
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		80	77	75	74
1,2-Dichloroethane-d4		83	65	76	77
Toluene-d8		108	115	106	106
4-Bromofluorobenzene		116	114	111	89

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120502-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-M11-24							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.34	68	0.50	0.33	66	3.0
Benzene	0.50	0.50	100	0.50	0.58	116	14.8
Toluene	0.50	0.55	110	0.50	0.63	126	13.6
Chlorobenzene	0.50	0.48	96	0.50	0.47	94	2.1
Trichloroethene (TCE)	0.50	0.47	94	0.50	0.56	112	17.5
Surrogate Recovery							
Dibromofluoromethane			82			106	
1,2-Dichloroethane-d4			84			112	
Toluene-d8			124			97	
4-Bromofluorobenzene			117			115	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.33	66
Benzene	0.50	0.65	130
Toluene	0.50	0.65	130
Chlorobenzene	0.50	0.56	112
Trichloroethene (TCE)	0.50	0.63	126
Surrogate Recovery			
Dibromofluoromethane			68
1,2-Dichloroethane-d4			76
Toluene-d8			114
4-Bromofluorobenzene			114

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/2/12 Page: 1 of

Client: Aspect Consulting

Project Manager: Bob Hurford

Address:

Project Name: Kens Texaco

Phone: Fax:

Location: City: Ellensburg, WA

Client Project #

Collector: ART Date of Collection: 5/2/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SW-MW-15	15	1520	SOIL				X			X									
2 G-SW-MW-15	15	0525					X			X									
3 G-PT-MW-24	24	0515					X			X									
4 WO-SW-MW-7	7	1115								X		X				X			
5 WO-SW-MW-9	9	1355								X		X				X			
6 G-SW-MW-15	15	1400					X			X									
7 G-PT-MW-22	22	1405					X			X									
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	5/2/12	Paul Burk	5-2-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SW-N10-15	G-SW-N11-15	G-BT-N10-22	G-BT-N12-22	G-BT- N12-22 Dup
Date Sampled	Reporting	N/A	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12
Date Analyzed	Limits	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	0.20	nd	0.74	0.74
Toluene	0.03	nd	nd	0.30	nd	0.15	0.13
Ethylbenzene	0.03	nd	0.058	1.12	nd	0.35	0.35
Total Xylenes	0.03	nd	nd	5.27	0.090	0.38	0.35
Gasoline	10.0	nd	nd	99	nd	10	10
Naphthalenes	0.03	nd	nd	0.10	nd	0.072	0.088
Surrogate Recovery							
Dibromofluoromethane		69	71	89	70	70	72
1,2-Dichloroethane-d4		92	76	81	75	67	78
Toluene-d8		116	106	108	108	110	108
4-Bromofluorobenzene		119	112	68	111	110	110

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

QA/QC Data - EPA 8260C Analyses

	Sample Identification:						
	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.36	72	0.50	0.40	80	10.5
Toluene	0.50	0.40	80	0.50	0.45	90	11.8
Surrogate Recovery							
Dibromofluoromethane			67			69	
1,2-Dichloroethane-d4			74			83	
Toluene-d8			107			114	
4-Bromofluorobenzene			110			118	

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.45	90
Toluene	0.50	0.57	114
Surrogate Recovery			
Dibromofluoromethane			95
1,2-Dichloroethane-d4			103
Toluene-d8			100
4-Bromofluorobenzene			121

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SW-P11-17	G-BT-O11-22
Date Sampled	Reporting	5/3/12	5/3/12
Date Analyzed	Limits	5/3/12	5/3/12
	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd
Toluene	0.03	nd	nd
Ethylbenzene	0.03	nd	nd
Total Xylenes	0.03	nd	nd
Gasoline	10.0	nd	nd
Naphthalenes	0.03	nd	nd
Surrogate Recovery			
Dibromofluoromethane		70	68
1,2-Dichloroethane-d4		66	73
Toluene-d8		117	109
4-Bromofluorobenzene		108	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	5/3/12	116	nd
WO-SW-N11-9	5/3/12	113	nd
G-SW-P11-15	5/3/12	109	nd
WO-SW-P11-7	5/3/12	108	nd
WO-SW-P10-7	5/3/12	108	nd
G-SW-P10-15	5/3/12	107	nd
G-SW-P10-15 Dup	5/3/12	108	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/3/12	93	nd	nd	nd
G-SW-N10-15	5/3/12	104	nd	nd	nd
G-SW-N11-15	5/3/12	95	481	nd	nd
WO-SW-N11-9	5/3/12	106	nd	nd	nd
WO-SW-N11-9 Dup	5/3/12	95	nd	nd	nd
G-SW-P11-15	5/3/12	130	nd	nd	841
G-SW-P11-17	5/3/12	103	nd	nd	730
WO-SW-P11-7	5/3/12	95	nd	nd	nd
WO-SW-P10-7	5/3/12	106	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	G-SW-N10-15	G-SW-N11-15	WO-SW-N11-9	G-SW-P11-15	G-SW-P11-17
Date Sampled	Reporting	N/A	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12
Date Analyzed	Limits	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.02	nd	nd	0.20	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.02	nd	nd	0.30	0.074	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	0.058	1.12	nd	nd	nd
Total Xylenes	0.03	nd	nd	5.27	0.011	nd	nd
Styrene	0.02	nd	nd	nd	nd	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	G-SW-N10-15	G-SW-N11-15	WO-SW-N11-9	G-SW-P11-15	G-SW-P11-17
Date Sampled	Reporting	N/A	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12
Date Analyzed	Limits	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12	5/3/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	0.28	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	0.14	8.25	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	8.12	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	5.28	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	35.4	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	6.06	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	2.36	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	0.085	11.8	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	0.099	nd	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalenes	0.03	nd	nd	0.10	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		69	71	89	71	69	70
1,2-Dichloroethane-d4		92	76	81	65	77	66
Toluene-d8		116	106	108	113	109	117
4-Bromofluorobenzene		119	112	68	103	111	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-N10-22							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.36	72	0.50	0.33	66	8.7
Benzene	0.50	0.36	72	0.50	0.40	80	10.5
Toluene	0.50	0.40	80	0.50	0.45	90	11.8
Chlorobenzene	0.50	0.41	82	0.50	0.43	86	4.8
Trichloroethene (TCE)	0.50	0.33	66	0.50	0.37	74	11.4
Surrogate Recovery							
Dibromofluoromethane			67			69	
1,2-Dichloroethane-d4			74			83	
Toluene-d8			107			114	
4-Bromofluorobenzene			110			118	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.34	68
Benzene	0.50	0.45	90
Toluene	0.50	0.57	114
Chlorobenzene	0.50	0.45	90
Trichloroethene (TCE)	0.50	0.56	112
Surrogate Recovery			
Dibromofluoromethane			95
1,2-Dichloroethane-d4			103
Toluene-d8			100
4-Bromofluorobenzene			121

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WO-SW-P11-7	WO-SW-P10-7
Date Sampled	Reporting	5/3/12	5/3/12
Date Analyzed	Limits	5/3/12	5/3/12
	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd
Chloromethane	0.06	nd	nd
Vinyl chloride	0.02	nd	nd
Bromomethane	0.09	nd	nd
Chloroethane	0.06	nd	nd
Trichlorofluoromethane	0.05	nd	nd
1,1-Dichloroethene	0.05	nd	nd
Methylene chloride	0.02	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd
1,1-Dichloroethane	0.02	nd	nd
2,2-Dichloropropane	0.05	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd
Chloroform	0.02	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd
Carbon tetrachloride	0.02	nd	nd
1,1-Dichloropropene	0.02	nd	nd
Benzene	0.02	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd
Trichloroethene (TCE)	0.03	nd	nd
1,2-Dichloropropane	0.02	nd	nd
Dibromomethane	0.04	nd	nd
Bromodichloromethane	0.02	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd
Toluene	0.02	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd
1,3-Dichloropropane	0.05	nd	nd
Dibromochloromethane	0.03	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd
Chlorobenzene	0.02	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd
Ethylbenzene	0.03	nd	nd
Total Xylenes	0.03	nd	nd
Styrene	0.02	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120503-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WO-SW-P11-7	WO-SW-P10-7
Date Sampled	Reporting	5/3/12	5/3/12
Date Analyzed	Limits	5/3/12	5/3/12
	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd
Isopropylbenzene	0.08	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd
Bromobenzene	0.03	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd
n-Propylbenzene	0.02	nd	nd
2-Chlorotoluene	0.02	nd	nd
4-Chlorotoluene	0.02	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd
tert-Butylbenzene	0.02	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd
sec-Butylbenzene	0.02	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd
Isopropyltoluene	0.02	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd
n-Butylbenzene	0.02	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd
Naphthalenes	0.03	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd
Surrogate Recovery			
Dibromofluoromethane		69	68
1,2-Dichloroethane-d4		74	70
Toluene-d8		109	108
4-Bromofluorobenzene		108	104

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/3/12 Page: 1 of

Client: ASPECT

Project Manager: Bob Hanford

Address:

Project Name: KEN'S TEXACO

Phone: Fax:

Location: City: Ellensburg

Client Project #

Collector: Date of Collection: 5/3/12

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1	G-SW-N11-15	15	1030	SOIL				X			X		X					X		
2	G-SW-N11-15	15	0950					X			X		X					X		
3	WC-SW-N11-7	7	0955								X		X					X		
4	G-BT-N10-22	22	1310					X			X									
5	G-BT-N12-22	22	1305					X			X									
6	G-SW-P11-15	15	1235								X		X					X		
7	G-SW-P11-17	17	1240					X			X		X					X		
8	WC-SW-P11-7	7	1245								X		X					X		
9	WC-RW-P10-7	7	1250								X		X					X		
10	G-RW-P10-15	15	1255								X									
11	G-BT-O11-22	22	1310					X			X									
12																				
13																				
14																				
15																				
16																				
17																				
18																				

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	5/3/12	Paul Bunde	5-3-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	5/4/12	108	nd
WO-SW-Q10-4	5/4/12	106	nd
WO-SW-Q10-8	5/4/12	110	nd
WO-SW-Q11-5	5/4/12	108	nd
WO-SW-Q11-10	5/4/12	108	nd
WO-SW-Q11-10 Dup	5/4/12	107	nd
WO-BT-Q11-16	5/4/12	106	nd
WO-BT-Q10-18	5/4/12	107	nd
WO-BT-Q11-19	5/4/12	106	nd
WO-BT-Q13-19	5/4/12	120	nd
WO-SW-Q11-16	5/4/12	108	nd
WO-SW-Q10-16	5/4/12	109	nd
WO-SW-Q10-16 Dup	5/4/12	108	nd
WO-SW-Q13-8	5/4/12	121	nd
WO-SW-Q13-16	5/4/12	107	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/4/12	103	nd	nd	nd
WO-SW-Q10-4	5/4/12	105	nd	nd	nd
WO-SW-Q10-8	5/4/12	106	nd	nd	nd
WO-SW-Q11-5	5/4/12	111	nd	nd	nd
WO-SW-Q11-10	5/4/12	123	nd	nd	nd
WO-BT-Q11-16	5/4/12	int	nd	nd	5750
WO-BT-Q10-18	5/4/12	116	nd	nd	nd
WO-BT-Q10-18 Dup	5/4/12	97	nd	nd	nd
WO-BT-Q11-19	5/4/12	103	nd	nd	nd
WO-BT-Q13-19	5/4/12	110	nd	nd	nd
WO-SW-Q11-16	5/4/12	106	nd	nd	830
WO-SW-Q10-16	5/4/12	int	nd	nd	1750
WO-SW-Q13-8	5/4/12	128	nd	nd	nd
WO-SW-Q13-8 Dup	5/4/12	126	nd	nd	nd
WO-SW-Q13-16	5/4/12	107	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-Q10-4	WO-SW-Q10-8	WO-SW-Q11-5	WO-SW-Q11-10	WO-SW-Q11-10 Dup
Date Sampled	Reporting	N/A	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
Date Analyzed	Limits	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	nd	nd
Styrene	0.02	nd	nd	nd	nd	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WO-SW-Q10-4	WO-SW-Q10-8	WO-SW-Q11-5	WO-SW-Q11-10	WO-SW-Q11-10 Dup
Date Sampled	Reporting	N/A	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
Date Analyzed	Limits	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		77	70	83	70	71	72
1,2-Dichloroethane-d4		82	79	68	76	73	78
Toluene-d8		108	106	110	108	108	107
4-Bromofluorobenzene		113	118	105	109	110	115

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: WO-SW-Q11-5							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.33	66	0.50	0.44	88	28.6
Benzene	0.50	0.60	120	0.50	0.44	88	30.8
Toluene	0.50	0.67	134	0.50	0.50	100	29.1
Chlorobenzene	0.50	0.47	95	0.50	0.49	98	3.5
Trichloroethene (TCE)	0.50	0.57	114	0.50	0.41	82	32.7
Surrogate Recovery							
Dibromofluoromethane			103			72	
1,2-Dichloroethane-d4			110			86	
Toluene-d8			97			115	
4-Bromofluorobenzene			110			113	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.33	66
Benzene	0.50	0.54	108
Toluene	0.50	0.62	124
Chlorobenzene	0.50	0.45	90
Trichloroethene (TCE)	0.50	0.51	102
Surrogate Recovery			
Dibromofluoromethane			108
1,2-Dichloroethane-d4			111
Toluene-d8			115
4-Bromofluorobenzene			113

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WO-BT-Q11-16	WO-BT-Q10-18	WO-BT-Q11-19	WO-BT-Q13-19	WO-SW-Q11-16	WO-SW-Q10-16
Date Sampled	Reporting	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
Date Analyzed	Limits	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd	nd	nd	nd
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Bromomethane	0.09	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	nd	nd
Styrene	0.02	nd	nd	nd	nd	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WO-BT-Q11-16	WO-BT-Q10-18	WO-BT-Q11-19	WO-BT-Q13-19	WO-SW-Q11-16	WO-SW-Q10-16
Date Sampled	Reporting	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
Date Analyzed	Limits	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12	5/4/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd	nd	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		72	70	67	71	68	69
1,2-Dichloroethane-d4		68	76	78	69	73	74
Toluene-d8		106	107	106	120	108	109
4-Bromofluorobenzene		109	110	115	112	107	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WO-SW-Q10-16 Dup	WO-SW-Q13-8	WO-SW-Q13-16
Date Sampled	Reporting	5/4/12	5/4/12	5/4/12
Date Analyzed	Limits	5/4/12	5/4/12	5/4/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd
Chloromethane	0.06	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd
Bromomethane	0.09	nd	nd	nd
Chloroethane	0.06	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	0.02	nd	nd	nd
trans-1,2-Dichloroethene	0.02	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd
cis-1,2-Dichloroethene	0.02	nd	nd	nd
Chloroform	0.02	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd
Carbon tetrachloride	0.02	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd
Benzene	0.02	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd
Toluene	0.02	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd
Styrene	0.02	nd	nd	nd

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120504-10

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WO-SW-Q10-16 Dup	WO-SW-Q13-8	WO-SW-Q13-16
Date Sampled	Reporting	5/4/12	5/4/12	5/4/12
Date Analyzed	Limits	5/4/12	5/4/12	5/4/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.02	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd
1,2,3-Trichloropropane	0.02	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.02	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd
1,3-Dichlorobenzene	0.02	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd
1,4-Dichlorobenzene	0.02	nd	nd	nd
1,2-Dichlorobenzene	0.02	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.03	nd	nd	nd
1,2,4-Trichlorolbenzene	0.05	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		68	72	68
1,2-Dichloroethane-d4		76	71	82
Toluene-d8		108	121	107
4-Bromofluorobenzene		109	113	117

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/4/12 Page: 1 of

Client: Aspect

Project Manager: Bob Hanford

Address:

Project Name: KMS Texaco

Phone: Fax:

Location: City: Everett, WA

Client Project #

Collector: MT Date of Collection: 5/1/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	[illegible]		Field Notes
1 WL-SW-GW-4	4	1520	soil							X		X				X		
2 WL-SW-GW-5	5	1535								X		X				X		
3 WL-SW-GW-5	5	1540								X		X				X		
4 WL-SW-GW-16	16	1545								X		X				X		
5 WL-BT-GW-16	16	1550								X		X				X		
6 WL-BT-GW-15	15	1615								X		X				X		
7 WL-BT-GW-19	19	1635								X		X				X		
8 WL-BT-GW-19	19	1640								X		X				X		
9 WL-SW-GW-16	16	1645								X		X				X		
10 WL-SW-GW-16	16	1700								X		X				X		
11 WL-SW-GW-2	2	1715								X		X				X		
12 WL-SW-GW-16	16	1720								X		X				X		
13																		
14																		
15																		
16																		
17																		
18																		

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	5/4/12	[illegible]	5-4-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/9/12	102	nd	nd	nd
G-SP-16	5/9/12	106	nd	nd	nd
G-SP-17	5/9/12	109	nd	nd	nd
G-SP-18	5/9/12	105	nd	nd	nd
G-SP-19	5/9/12	113	nd	nd	nd
G-BT-N13-21	5/9/12	108	nd	nd	nd
G-BT-O14-21	5/9/12	91	nd	nd	nd
G-BT-O12-21	5/9/12	101	nd	nd	nd
G-BT-P12-20	5/9/12	79	nd	nd	979
G-BT-P14-20	5/9/12	99	nd	nd	nd
G-BT-O13-20	5/9/12	96	nd	nd	nd
G-BT-O13-20 Dup	5/9/12	101	nd	nd	nd
G-BT-P13-20	5/9/12	94	nd	nd	nd
G-SP-20	5/9/12	106	nd	nd	nd
G-SP-20 Dup	5/9/12	108	nd	nd	nd
G-SP-21	5/9/12	96	nd	nd	nd
G-SP-22	5/9/12	104	nd	nd	nd
G-SP-23	5/9/12	115	nd	nd	nd
G-SW-E15-16	5/9/12	102	nd	nd	nd
G-SW-E16-16	5/9/12	95	nd	nd	nd
G-SW-F17-16	5/9/12	100	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SP-16	G-SP-16 Dup	G-SP-17	G-SP-18	G-SP-19
Date Sampled	Reporting	N/A	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12
Date Analyzed	Limits	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	nd	nd
Gasoline	10.0	nd	nd	nd	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		83	82	83	79	92	82
1,2-Dichloroethane-d4		85	67	77	67	66	72
Toluene-d8		126	115	107	107	107	107
4-Bromofluorobenzene		115	109	109	110	99	107

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-N13-21	G-BT-O14-21	G-BT-O-12-21	G-BT-P12-20	G-BT-P14-20	G-BT-O13-20
Date Sampled	Reporting	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12
Date Analyzed	Limits	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	1.59	1.84	3.46	nd	nd	1.36
Toluene	0.03	0.090	0.090	0.21	nd	nd	nd
Ethylbenzene	0.03	0.22	0.41	0.37	nd	nd	nd
Total Xylenes	0.03	0.17	0.14	1.82	0.15	nd	nd
Gasoline	10.0	nd	11	78	16	nd	nd
Naphthalenes	0.03	0.052	0.071	0.19	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		80	79	81	75	78	81
1,2-Dichloroethane-d4		87	76	69	71	74	79
Toluene-d8		108	108	120	105	107	108
4-Bromofluorobenzene		112	106	108	110	106	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-P13-20	G-SP-20	G-SP-21	G-SP-22	G-SP-23	G-SW-E15-16
Date Sampled	Reporting	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12
Date Analyzed	Limits	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12	5/9/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	0.83	nd	nd	nd	nd	nd
Toluene	0.03	0.094	nd	nd	nd	nd	0.044
Ethylbenzene	0.03	0.30	nd	nd	nd	nd	nd
Total Xylenes	0.03	0.48	nd	nd	nd	nd	0.038
Gasoline	10.0	16	nd	nd	nd	nd	38
Naphthalenes	0.03	0.070	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		82	82	83	81	93	82
1,2-Dichloroethane-d4		80	74	80	75	74	80
Toluene-d8		109	107	106	105	103	109
4-Bromofluorobenzene		108	107	113	110	108	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SW-E16-16	G-SW-E16-16 Dup	G-SW-F17-16	G-BT-F15-20	G-BT-F16-20	G-SW-G17-16
Date Sampled	Reporting	N/A	5/9/12	5/9/12	5/10/12	5/10/12	5/10/12
Date Analyzed	Limits	5/9/12	5/9/12	5/9/12	5/10/12	5/10/12	5/10/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	0.079	0.048	nd
Toluene	0.03	0.039	0.044	nd	0.060	0.11	nd
Ethylbenzene	0.03	nd	nd	nd	0.30	0.052	nd
Total Xylenes	0.03	0.030	0.034	nd	0.10	0.12	nd
Gasoline	10.0	195	184	16	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		82	82	82	81	76	78
1,2-Dichloroethane-d4		74	79	77	78	73	81
Toluene-d8		107	107	107	106	107	105
4-Bromofluorobenzene		100	101	107	112	113	114

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-G15-20	G-BT-G15-20 Dup
Date Sampled	Reporting	5/10/12	5/10/12
Date Analyzed	Limits	5/10/12	5/10/12
	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd
Toluene	0.03	0.10	0.096
Ethylbenzene	0.03	nd	nd
Total Xylenes	0.03	0.13	0.087
Gasoline	10.0	nd	nd
Naphthalenes	0.03	nd	nd
Surrogate Recovery			
Dibromofluoromethane		74	75
1,2-Dichloroethane-d4		70	69
Toluene-d8		107	107
4-Bromofluorobenzene		104	104

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120509-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-SP-23							
	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.42	84	0.50	0.45	90	6.9
Toluene	0.50	0.51	102	0.50	0.51	102	0.0
Surrogate Recovery							
Dibromofluoromethane			119			108	
1,2-Dichloroethane-d4			102			98	
Toluene-d8			115			98	
4-Bromofluorobenzene			106			106	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.53	106
Toluene	0.50	0.63	126
Surrogate Recovery			
Dibromofluoromethane			122
1,2-Dichloroethane-d4			84
Toluene-d8			104
4-Bromofluorobenzene			117

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/9/12 Page: 2 of 2

Client: Aspect

Project Manager: Bob Hartford chip Cordine

Address:

Project Name: Kings Texaco

Phone: Fax:

Location: City: Ellensburg, WA

Client Project #

Collector: Aspect Date of Collection: 5/9/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-BT-F8-L	20	1315	Soil				X			X									
2 G-BT-F16-20	20	1320	✓				X			X									
3 G-SW-G11-16	16	1415					X			X									
4 G-BT-G15-20	20	1420					X			X									
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Burk	5-9-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/9/12 Page: 2 of 2

Client: AE pect

Project Manager: Bob Hanford chain of custody

Address:

Project Name: KENT TEXACO

Phone: Fax:

Location: City: LITTLEROCK, WA

Client Project #

Collector: AGT Date of Collection: 5/9/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-BT-FIL-26	26	1315	SOIL				X			X									
2 G-BT-FIL-20	20	1370	"				X			X									
3 G-SW-GIT-16	16	[illegible]					X			X									
4 G-BT-GIT-20	20	[illegible]					X			X									
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bach	5-9-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/9/12 Page: 1 of 2

Client: ASPECT

Project Manager: Rob Hamilton (Craig Goodhue)

Address:

Project Name: Kent Terminal

Phone: Fax:

Location: University Place City: Ellensburg WA

Client Project #

Collector: AET Date of Collection: 5/9/12 - 5/10/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SP-16	-	0820	SOIL				X			X		X							
2 G-SP-17	-	0825					X			X		X							
3 G-SP-18	-	0830					X			X		X							
4 G-SP-19	-	0835					X			X		X							
5 G-BT-NB-21	21	0840					X			X		X							
6 G-BT-CN-21	21	0845					X			X		X							
7 G-BT-CR-21	21	0850					X			X		X							
8 G-BT-PR-20	20	1230					X			X		X							
9 G-BT-PM-20	20	1235					X			X		X							
10 G-BT-SR-20	20	1240					X			X		X							
11 G-BT-PB-20	20	1245					X			X		X							
12 G-SP-20	-	1311					X			X		X							
13 G-SP-21	-	1315					X			X		X							
14 G-SP-22	-	1320					X			X		X							
15 G-SP-23	-	1325					X			X		X							
16 G-SW-E15-16	16	1300					X			X									
17 G-SW-E16-16	16	1305					X			X									
18 G-SW-E17-16	16	1310					X			X									

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bard	5-9-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/9/12 Page: 1 of 2

Client: ASPECT

Project Manager: Bob Hartford Ellis Goodine

Address:

Project Name: KENS TEXACO

Phone: Fax:

Location: [illegible] City: Ellensburg WA

Client Project #

Collector: MET Date of Collection: 5/7/12 - 5/9/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SP-16	-	0910	SOIL				X			X		X							
2 G-SP-17	-	0925					X			X		X							
3 G-SP-18	-	0930					X			X		X							
4 G-SP-19	-	0935					X			X		X							
5 G-RT-NB-21	21	0940					X			X		X							
6 G-RT-CH-21	21	0945					X			X		X							
7 G-RT-CH2-21	21	0950					X			X		X							
8 G-RT-M2-20	20	1230					X			X		X							
9 G-RT-M4-20	20	1235					X			X		X							
10 G-RT-B3-20	20	1240					X			X		X							
11 G-RT-B3-20	20	1245					X			X		X							
12 G-SP-20	-	1110					X			X		X							
13 G-SP-21	-	1115					X			X		X							
14 G-SP-22	-	1150					X			X		X							
15 G-SP-23	-	1155					X			X		X							
16 G-SW-E15-16	16	1300					X			X									
17 G-SW-E16-16	16	1305					X			X									
18 G-SW-E17-16	16	1310					X			X									

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bard	5-9-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120510-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SW-H17-16	G-SW-H17-16 Dup	G-SW-I17-16	G-BT H15-20	G-BT H16-20
Date Sampled	Reporting	N/A	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12
Date Analyzed	Limits	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	0.059	0.10	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	0.13	nd
Gasoline	10.0	nd	nd	nd	17	nd	nd
Naphthalenes	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		81	75	76	76	74	75
1,2-Dichloroethane-d4		77	71	79	75	70	70
Toluene-d8		107	106	106	105	107	107
4-Bromofluorobenzene		112	108	111	107	104	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120510-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Go in Soil

Sample Description		G-BT I16-20	G-SP-24	G-SP-25
Date Sampled	Reporting	5/10/12	5/10/12	5/10/12
Date Analyzed	Limits	5/10/12	5/10/12	5/10/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd
Toluene	0.03	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd
Gasoline	10.0	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		74	76	75
1,2-Dichloroethane-d4		73	66	73
Toluene-d8		106	116	107
4-Bromofluorobenzene		110	110	107

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120510-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-H15-20							
	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.38	76	0.50	0.38	76	0.0
Toluene	0.50	0.50	100	0.50	0.48	96	4.1
Surrogate Recovery							
Dibromofluoromethane			84			91	
1,2-Dichloroethane-d4			87			102	
Toluene-d8			126			118	
4-Bromofluorobenzene			114			117	

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.36	72
Toluene	0.50	0.48	96
Surrogate Recovery			
Dibromofluoromethane			98
1,2-Dichloroethane-d4			97
Toluene-d8			119
4-Bromofluorobenzene			113

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120510-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/10/12	96	nd	nd	nd
G-SP-24	5/10/12	96	nd	nd	nd
G-SP-24 Dup	5/10/12	100	nd	nd	nd
G-SP-25	5/10/12	105	nd	nd	261
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

.ibby Environmental, Inc.

Chain of Custody Record

139 Libby Road NE
Ph: 360-352-2110
Olympia, WA 98506
Fax: 360-352-4154

Date: 5/11/12 Page: 1 of 1

Client: Aspect

Project Manager: [illegible]

Address:

Project Name: [illegible]

Phone: Fax:

Location: [illegible] City: [illegible] WA

Client Project #

Collector: AKT Date of Collection: 5/11/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 [illegible]	[illegible]	[illegible]	[illegible]				X			X									
2 [illegible]	[illegible]	[illegible]					X			X									
3 [illegible]	20	[illegible]					X			X									
4 [illegible]	20	[illegible]					X			X									
5 [illegible]	20	[illegible]					X			X									
6 [illegible]	-	[illegible]					X			X		X							
7 [illegible]	-	[illegible]					X			X		X							
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bu[illegible]	5-10-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/10/12 Page: 1 of 1

Client: Ayect

Project Manager: [illegible]

Address:

Project Name: [illegible]

Phone: Fax:

Location: [illegible] City: [illegible], WA

Client Project #

Collector: [illegible] Date of Collection: 5/10/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 [illegible]	[illegible]	[illegible]	[illegible]				X			X									
2 [illegible]	[illegible]	1935					X			X									
3 [illegible]	20	[illegible]					X			X									
4 [illegible]	20	1945					X			X									
5 [illegible]	20	1950					X			X									
6 [illegible]	[illegible]	[illegible]					X			X		X							
7 [illegible]	[illegible]	1950					X			X		X							
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		[illegible] Bal	5-10-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120511-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SW-J17-16	G-SW-K17-16	WO-SW-K15-8	G-BT-J16-20	G-BT-J14-20
Date Sampled	Reporting	N/A	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12
Date Analyzed	Limits	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	0.34
Toluene	0.03	nd	nd	0.052	0.058	nd	0.29
Ethylbenzene	0.03	nd	nd	nd	0.18	nd	0.27
Total Xylenes	0.03	nd	0.073	0.58	0.34	0.081	1.54
Gasoline	10.0	nd	67	152	16	nd	22
Naphthalenes	0.03	nd	0.064	0.64	0.22	0.29	0.11
Surrogate Recovery							
Dibromofluoromethane		78	74	71	69	76	69
1,2-Dichloroethane-d4		83	77	71	76	82	76
Toluene-d8		108	106	105	106	106	108
4-Bromofluorobenzene		111	113	110	117	109	106

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120511-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-J14-20 Dup	G-BT-K14-20	G-SP-26	G-SP-27	G-SP-28
Date Sampled	Reporting	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12
Date Analyzed	Limits	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	0.37	nd	nd	nd	nd
Toluene	0.03	0.31	nd	nd	nd	nd
Ethylbenzene	0.03	0.27	0.055	nd	nd	nd
Total Xylenes	0.03	1.62	nd	nd	nd	nd
Gasoline	10.0	26	nd	nd	nd	nd
Naphthalenes	0.03	0.15	nd	nd	nd	nd
Surrogate Recovery						
Dibromofluoromethane		65	65	66	68	66
1,2-Dichloroethane-d4		68	75	65	78	85
Toluene-d8		111	106	125	107	109
4-Bromofluorobenzene		110	114	109	114	116

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120511-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-SW-J17-16							
	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.45	90	0.50	0.54	108	18.2
Toluene	0.50	0.44	88	0.50	0.53	106	18.6
Surrogate Recovery							
Dibromofluoromethane			69			83	
1,2-Dichloroethane-d4			71			90	
Toluene-d8			106			123	
4-Bromofluorobenzene			108			108	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.35	70
Toluene	0.50	0.48	96
Surrogate Recovery			
Dibromofluoromethane			110
1,2-Dichloroethane-d4			114
Toluene-d8			107
4-Bromofluorobenzene			112

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120511-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/11/12	101	nd	nd	nd
WO-SW-K15-8	5/11/12	100	nd	nd	nd
WO-SW-K15-8 Dup	5/11/12	95	nd	nd	nd
G-SP-26	5/11/12	98	nd	nd	nd
G-SP-27	5/11/12	110	nd	nd	nd
G-SP-28	5/11/12	98	nd	nd	nd
G-SP-28 Dup	5/11/12	107	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/11/12 Page: 1 of 1

Client: Aspect

Project Manager: [illegible]

Address:

Project Name: [illegible]

Phone: Fax:

Location: City: Ellensburg, WA

Client Project #

Collector: MET Date of Collection: 5/11/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SW-[illegible]-16	16	1100	SOIL				X			X									
2 G-SW-[illegible]-16	16	1105					X			X									
3 WG-SW-BG-8	8	1010					X			X		X							
4 G-BT-[illegible]-20	20	1015					X			X									
5 G-BT-[illegible]-20	20	1040					X			X									
6 G-BT-[illegible]-21	20	1045					X			X									
7 G-[illegible]-16	-	1110					X			X		X							
8 G-SP-[illegible]	-	1115					X			X		X							
9 G-SP-[illegible]	-	1120					X			X		X							
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		[illegible]	5-16-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/11/12 Page: 1 of 1

Client: Aspect

Project Manager: [illegible]

Address:

Project Name: [illegible]

Phone: Fax:

Location: City: [illegible]

Client Project #

Collector: AET Date of Collection: 5/11/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SW-J17-16	16	1100	SOIL				X			X									
2 G-SW-K17-16	16	1105					X			X									
3 WO-SW-K15-8	8	1110					X			X		X							
4 G-RT-J16-20	20	1015					X			X									
5 G-RT-J17-20	20	1040					X			X									
6 G-RT-K17-20	20	1015					X			X									
7 G-SP-26		1110					X			X		X							
8 G-SP-27		1115					X			X		X							
9 G-SP-28		1110					X			X		X							
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		[illegible]	5-16-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120514-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SP-29	G-SP-30	G-SP-31	G-SP-31 Dup	G-SW-Q16-16
Date Sampled	Reporting	N/A	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12
Date Analyzed	Limits	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.03	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.03	nd	nd	nd	nd	nd	0.087
Gasoline	10.0	nd	nd	nd	nd	nd	nd
Naphthalenes	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		81	67	76	79	72	66
1,2-Dichloroethane-d4		83	71	80	83	74	67
Toluene-d8		107	121	121	127	98	118
4-Bromofluorobenzene		113	116	113	113	118	115

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120514-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SW-Q14-16	G-BT-O16-20	G-BT-P15-20	G-BT-O14-20	G-SW-P17-16	WO-SW-Q14-8
Date Sampled	Reporting	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12
Date Analyzed	Limits	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12	5/14/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	1.72	nd
Toluene	0.03	0.068	0.22	nd	nd	3.79	nd
Ethylbenzene	0.03	1.47	nd	nd	nd	4.95	nd
Total Xylenes	0.03	2.21	nd	nd	nd	37.6	nd
Gasoline	10.0	263	nd	nd	nd	1550	nd
Naphthalenes	0.03	0.99	nd	nd	nd	4.17	nd
Surrogate Recovery							
Dibromofluoromethane		69	79	77	71	79	81
1,2-Dichloroethane-d4		71	71	73	72	80	81
Toluene-d8		114	117	116	106	115	104
4-Bromofluorobenzene		116	107	108	112	112	109

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120514-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-O14-20

	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.67	134	0.50	0.57	114	16.1
Toluene	0.50	0.60	120	0.50	0.63	126	4.9
Surrogate Recovery							
Dibromofluoromethane			76			78	
1,2-Dichloroethane-d4			77			77	
Toluene-d8			113			112	
4-Bromofluorobenzene			114			110	

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.66	132
Toluene	0.50	0.66	132
Surrogate Recovery			
Dibromofluoromethane			78
1,2-Dichloroethane-d4			77
Toluene-d8			105
4-Bromofluorobenzene			113

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120514-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/14/12	109	nd	nd	nd
G-SP-29	5/14/12	98	nd	nd	nd
G-SP-30	5/14/12	105	nd	nd	nd
G-SP-31	5/14/12	105	nd	nd	nd
G-SP-31 Dup	5/14/12	108	nd	nd	nd
G-SW-Q14-16	5/14/12	115	nd	nd	73
G-BT-O14-20	5/14/12	119	nd	nd	nd
G-BT-O14-20 Dup	5/14/12	129	nd	nd	nd
WO-SW-Q14-8	5/14/12	109	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/14/12 Page: 1 of 1

Client: AEPECT

Project Manager: Bob Hawkins

Address: 401 2nd Ave S. #201 Seattle 98104

Project Name: Kent Transfer

Phone: Fax:

Location: City: Tillamook, WA

Client Project # 120101

Collector: Eric Gerssma Date of Collection: 5/14/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 BTEX & Naph	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SP-29							X			X	X								
2 G-SP-30							X			X	X								
3 G-SP-31							X			X	X								
4 G-SW-B16-16		0910					X			X									
5 G-SW-B41-16		0915					X			X	X								
6 G-BT-B16-20		0910					X			X									
7 G-BT-B15-20		0920					X			X									
8 G-BT-B14-20		0925					X			X	X								
9 G-SW-B17-16		0950					X			X									
10 WO-SW-B14-8		0930					X			X	X								
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		[signature]	5-14-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120515-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SW-L17-8	G-BT-K15-21	G-BT-K15-21 Dup	G-SW-K17-16	G-BT-K14-21
Date Sampled	Reporting	N/A	5/15/12	5/15/12	5/15/12	5/15/12	5/15/12
Date Analyzed	Limits	5/15/12	5/15/12	5/15/12	5/15/12	5/15/12	5/15/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	0.094	0.077	nd	0.17
Toluene	0.03	nd	0.081	nd	nd	0.074	0.13
Ethylbenzene	0.03	nd	0.15	0.061	0.056	0.12	0.16
Total Xylenes	0.03	nd	0.76	0.30	0.27	0.34	0.45
Gasoline	10.0	nd	26	nd	nd	37	10
Naphthalenes	0.03	nd	0.097	nd	nd	0.082	0.13
Surrogate Recovery							
Dibromofluoromethane		79	78	75	66	66	75
1,2-Dichloroethane-d4		80	79	74	70	76	82
Toluene-d8		105	103	103	104	115	116
4-Bromofluorobenzene		112	115	114	113	118	115

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120515-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-L14-21
Date Sampled	Reporting	5/15/12
Date Analyzed	Limits	5/15/12
	(mg/kg)	(mg/kg)
Benzene	0.02	0.62
Toluene	0.03	nd
Ethylbenzene	0.03	nd
Total Xylenes	0.03	0.13
Gasoline	10.0	nd
Naphthalenes	0.03	0.068
Surrogate Recovery		
Dibromofluoromethane		75
1,2-Dichloroethane-d4		81
Toluene-d8		118
4-Bromofluorobenzene		113

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120515-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-SW-K17-16							
	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.49	98	0.50	0.51	102	4.0
Toluene	0.50	0.67	134	0.50	0.67	134	0.0
Surrogate Recovery							
Dibromofluoromethane			67			65	
1,2-Dichloroethane-d4			71			73	
Toluene-d8			119			119	
4-Bromofluorobenzene			120			116	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.58	116
Toluene	0.50	0.66	132
Surrogate Recovery			
Dibromofluoromethane			77
1,2-Dichloroethane-d4			74
Toluene-d8			105
4-Bromofluorobenzene			111

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5-15-12 Page: 1 of 1

Client: Ingram Cove Homes

Project Manager:

Address:

Project Name: Ravin Park

Phone: Fax:

Location: City:

Client Project #

Collector: Date of Collection: 5-15-12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SW-L17-3-[illegible]	8	750	soil	2 x 4oz jar		X				X									
2 G-BT-K15-21	21	945	"	"		X				X									
3 G-SW-K17-16	16	950	"	"		X				X									
4 G-BT-K14-21	21	1150	"	"		X				X									
5 G-BT-L14-21	21	1210	"	"		X				X									
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bark	5-15-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: Page: of

Client:

Project Manager:

Address:

Project Name:

Phone: Fax:

Location: City:

Client Project #

Collector: Date of Collection:

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals				Field Notes
1 G-SW-L17-E-[illegible]	8	952	soil	[illegible]		X				X									
2 G-ST-K15-21	21	945				X				X									
3 G-SW-K17-16	16	[illegible]				X				X									
4 G-ST-K14-21	21	1110				X				X									
5 G-ST-L14-21	21	1140				X				X									
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		[illegible]	5-15-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120516-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		Method Blank	G-SP-32	G-SP-33	G-SP-34	G-SP-34 Dup	G-SW-M17-16
Date Sampled	Reporting	N/A	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12
Date Analyzed	Limits	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	1.15
Toluene	0.03	nd	nd	nd	nd	nd	0.11
Ethylbenzene	0.03	nd	nd	nd	nd	nd	0.44
Total Xylenes	0.03	nd	nd	nd	nd	nd	1.87
Gasoline	10.0	nd	nd	nd	nd	nd	28
Naphthalenes	0.03	nd	nd	nd	nd	nd	0.56
Surrogate Recovery							
Dibromofluoromethane		82	74	77	72	75	76
1,2-Dichloroethane-d4		83	68	75	66	78	81
Toluene-d8		105	103	104	104	103	104
4-Bromofluorobenzene		114	109	110	110	113	115

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120516-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-SW-N17-8	G-BT-N16-20	G-BT-M14-20	G-BT-N14-20	G-SW-R13-16	G-SW-R14-8
Date Sampled	Reporting	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12
Date Analyzed	Limits	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12	5/16/12
	(mg/kg)	(mg/kg)					
Benzene	0.02	0.10	0.59	0.087	0.38	nd	nd
Toluene	0.03	nd	nd	nd	0.068	nd	nd
Ethylbenzene	0.03	0.16	nd	nd	0.13	nd	nd
Total Xylenes	0.03	0.51	nd	0.077	0.24	nd	nd
Gasoline	10.0	19	nd	nd	nd	nd	nd
Naphthalenes	0.03	0.20	nd	0.051	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		104	76	83	74	77	75
1,2-Dichloroethane-d4		124	73	95	67	79	82
Toluene-d8		110	105	107	112	104	104
4-Bromofluorobenzene		128	112	119	109	115	112

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120516-10

Volatile Aromatic Compounds by EPA Method 8260C & Gasoline by NWTPH-Gx in Soil

Sample Description		G-BT-P14-20
Date Sampled	Reporting	5/16/12
Date Analyzed	Limits	5/16/12
	(mg/kg)	(mg/kg)
Benzene	0.02	nd
Toluene	0.03	nd
Ethylbenzene	0.03	nd
Total Xylenes	0.03	nd
Gasoline	10.0	nd
Naphthalenes	0.03	nd
Surrogate Recovery		
Dibromofluoromethane		70
1,2-Dichloroethane-d4		78
Toluene-d8		103
4-Bromofluorobenzene		113

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATES: 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120516-10

QA/QC Data - EPA 8260C Analyses

Sample Identification: G-BT-N16-20							
	Matrix Spike						RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.50	0.46	92	0.50	0.58	116	23.1
Toluene	0.50	0.65	130	0.50	0.60	120	8.0
Surrogate Recovery							
Dibromofluoromethane			88			74	
1,2-Dichloroethane-d4			86			76	
Toluene-d8			120			103	
4-Bromofluorobenzene			114			116	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.50	0.51	102
Toluene	0.50	0.56	112
Surrogate Recovery			
Dibromofluoromethane			82
1,2-Dichloroethane-d4			78
Toluene-d8			105
4-Bromofluorobenzene			114

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

KEN'S TEXACO PROJECT
Aspect Consulting, LLC
Ellensburg, Washington
Libby Project # L120516-10

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	5/16/12	108	nd	nd	nd
G-SP-32	5/16/12	113	nd	nd	nd
G-SP-33	5/16/12	130	nd	nd	nd
G-SP-34	5/16/12	102	nd	nd	nd
G-SP-34 Dup	5/16/12	104	nd	nd	nd
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/16/12 Page: 1 of

Client: Aspect

Project Manager:

Address:

Project Name: Kent Terrace

Phone: Fax:

Location: Ellensburg WA City: Ellensburg

Client Project #

Collector: DAVID RUGH Date of Collection: 5/16/12

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only1 N	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	TPH-HCID Storage			Field Notes
1 G-SP-32	0	915	soil	1 wide VOA		X				X	X	X				X			
2 G-SP-33	0	920	↓	↓		X				X	X	X							
3 G-SP-34	0	925	↓	↓		X				X	X	X							
4 G-SP-N07-16	16	1000		↓		X				X									
5 G-SW-N17-2	2	1015	↓	↓		X				X									
6 G-BT-N16-20	20	1020	↓	↓		X				X									
7 G-BT-N14-20	20	1050	↓	↓		X				X									
8 G-BT-N14-20	20	1055	↓	↓		X				X									
9 G-SW-B03-16	16	1920	↓	↓		X				X									
10 G-SW-B14-8	8	1925	↓	↓		X				X									
11 G-BT-B14-20	20	1930	↓	↓		X				X									
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bunk	5-16-12
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

APPENDIX C

City of Ellensburg Permits, Environmental Checklist, and SEPA Determination of Non-Significance

Aspect consulting
earth + water

June 22, 2010

Mr. Mike Smith
City of Ellensburg
414 North Main Street
Ellensburg, Washington 98926

Re: Ken's Texaco SEPA Application

Project No. 080129

Dear Mike:

I understand that as a condition of the SEPA Determination of Non-Significance from the City of Ellensburg, language will be added to the project bid specifications requiring approval by the City's Public Works Department on the contractor's Remedial Action Management Plan (Ramp). The RAMP will include an Excavation/Shoring Plan, Health and Safety Plan and Best Management Practices. In addition a 10 day notice of intent to start work will be required.

Sincerely,

Aspect consulting, LLC

Robert R. Hanford
Senior Project Geologist
bhanford@aspectconsulting.com

cc: Chip Goodhue

Document2

SEPA APPLICATION

ENVIRONMENTAL CHECKLIST

for
THE CITY OF ELLENSBURG

Name of Applicant Robert Hanford Aspect Consulting, LLC
for Ken's Texaco

June 2006

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether in EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. **BACKGROUND**

1. Name of proposed project, if applicable: Ken's Texaco

2. Name of applicant: Robert Hanford Aspect Consulting, LLC

3. Address and phone number of applicant and contact person:
179 Madrone Lane North Bainbridge Is., WA 98110 (206) 780-7729

4. Date checklist prepared: April 1, 2010

5. Agency requesting checklist: *City of Ellensburg Community Development Department*

6. Proposed timing or schedule (including phasing, if applicable): July-August, 2010

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? None If yes, explain:

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal: See attached.

9. Do you know whether applications are pending for governmental approvals or other proposals directly affecting the property covered by your proposal? None If yes, explain:

10. List any governmental approvals or permits that will be needed for your proposal, if known:
Demolition permit, grading permit, UST Closure Notice, and Fire Department UST permit

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site, (subdivision with number of lots, zone change, apartment complex with number of buildings and units, commercial structure, activity within a critical area, square footage , etc.):
Demolition of existing building and ancillary equipment, removal of 5 USTs, and the excavation of approximately 2,000 cubic yards of petroleum contaminated soil. Excavation will be backfilled with compacted structural fill.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including street address. Provide a legal description: Site Address: 101 East University Way Ellensburg, WA. Nearest intersection: East University Way and North B Street. Parcel ID # 453334.

B. **ENVIRONMENTAL ELEMENTS**

1. **Earth**

A. General description of the site (circle one): flat, rolling, hilly, steep slopes, mountainous, other: FLAT

B. What is the steepest slope on the site (approximate percent slope)? 2 percent

C. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland: Soil generally consists of gravelly to very gravelly Silt to clayey silty Gravel.

D. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe: None

E. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill: Following the excavation of contaminated soil the excavation will be compacted and backfilled with structural fill from an approved WDOT source.

F. Could erosion occur as a result of clearing, construction, or use? If so, generally describe: No

G. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or building)? There will be a decrease in the percentage of impervious surface. Estimated percent 50%.

H. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: Excavation contractor will provide and follow a remediation plan that will include the use of silt fencing, storm drain socks, straw bales and the covering of all temporary stockpiles.

2. **Air**

A. What types of emissions to the air would result from the proposal (i.e. dust, automobile, odors, industrial, wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known: Possible gasoline odors.

B. Are there any off-site sources of emissions or odor that may affect your proposal? _____ If so, generally describe: None

C. Proposed measures to reduce or control emissions or other impacts to air, if any: Air monitoring will be conducted durring the UST removal and excavation Engineering controls such as the use of fans and covering of stockpiled soils will be utilized.

3. **Water**

A. **Surface**

1) Is there any surface water body on or in the immediate vicinity of the site (including year- round and seasonal streams, irrigation ditches, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river the surface water body flows into:

None

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans: No

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known: No

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan:

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge: No

B. **Ground**

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known: Petroleum contaminated groundwater if present in the excavation will be pumped into a storage tank for treatment or off site disposal at an approved facility.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals ...; agricultural, etc). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None

C. **Water Runoff** (including storm water)

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Storm water runoff will be contained using BMPs and stored in tank.

2) Could waste materials enter ground or surface waters? If so, generally describe.

No

3) Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Silt dykes or fencing and berms as necessary.

4. **Plants**

A. Check or circle types of vegetation found on the site:

_____ Deciduous tree: alder, maple, aspen, other
_____ Evergreen tree: fir, cedar, pine, other
___X_ Shrubs
_____ Grass
_____ Pasture
_____ Crop or grain
_____ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
_____ Water plants: water lily, eelgrass, milfoil, other
_____ Other types of vegetation

B. What kind and amount of vegetation will be removed or altered:
Ornamental shrubs in the planter area may be removed during excavation.

C. List threatened or endangered species known to be on or near the site:
None

D. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: None

5. **Animals**

A. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

Birds: hawk, heron, eagle, songbirds, other songbirds
Mammals: deer, bear, elk, beaver, other _____
Fish: bass, salmon, trout, herring, shellfish, other _____

B. List any threatened or endangered species known to be on or near the site:
None

C. Is the site part of a migration route? If so, explain:
Unknown

D. Proposed measures to preserve or enhance wildlife, if any:
None

6. **Energy and Natural Resources**

A. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed energy needs? Describe whether it will be used for heating, manufacturing, etc.:
None

B. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe:
No

C. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: None

7. **Environmental Health**

A. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe: The potential exists for exposure to gasoline fumes or vapors.

1) Describe special emergency services that might be required: Fire Department personal will be notified and on site for the UST removal.

2) Proposed measures to reduce or control environmental health hazards, if any: Air monitoring will be conducted during tank removal and soil excavation.

B. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? None

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. Noise from the operation of earth moving and demolition equipment (excavator loader) and dump trucks.

3) Proposed measures to reduce or control noise impacts, if any: Noise will be controlled by hours of operation. Hours of operation will follow Ellensburg municipal code. Sound protection will be required for all ancillary equipment.

8. **Land and Shoreline Use**

A. What is the current use of the site and adjacent properties? Retail gasoline and diesel sales, Truck rental and automotive services. Adjacent properties are commercial and residential.

B. Has the site been used for agriculture? If so, describe: No

C. Describe any structures on the site. Single story brick and wood service station with office and restrooms and a canopy over the pump island.

D. Will any structures be demolished? If so, what? Yes, all structures will be demolished to provide access to contaminated soil.

E. What is the current zoning classification of the site? Commercial.

F. What is the current comprehensive plan designation of the site? Commercial.

G. If applicable, what is the current shoreline master program designation of the site? NA

H. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. No.

I. Approximately how many people would reside or work in the completed project? NA

J. Approximately how many people would the completed project displace? NA

K. Proposed measures to avoid or reduce displacement impacts, if any: None

L. Proposed measures to ensure the proposal are compatible with existing and projected land uses and plans, if any: Excavation will be backfill and compacted with structural fill.

9. **Housing**

A. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. NA

B. Will the proposal impact the need for housing? No.

C. Proposed measures to reduce or control housing impacts, if any: None

10. **Aesthetics**

A. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? NA

B. What views in the immediate vicinity would be altered or obstructed? None

C. Proposed measures to reduce or control aesthetic impacts, if any: None

11. **Light and Glare**

A. What type of light or glare will the proposal produce? What time of day would it mainly occur?
None

B. Could light or glare from the finished project be a safety hazard or interfere with views?
No

C. What existing off-site sources of light or glare may affect your proposal? None

D. Proposed measures to reduce or control light and glare impacts, if any: None

12. **Recreation**

A. What designated and informal recreational opportunities are in the immediate vicinity?
None

B. Would the proposed project displace any existing recreational uses? If so, describe: No

C. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: None

13. **Historic and Cultural Preservation**

A. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. No

B. Generally describe any landmarks or evidence of historic, or archaeological, scientific, or cultural importance known to be on or next to the site. None

C. Proposed measures to reduce or control impacts, if any: None

14. **Transportation**

A. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. East University Way and North B Street. Access to the site will be from East University Way.

B. Is site currently served by public transit? Yes If not, what is the approximate distance to the nearest transit stop?

C. How many parking spaces would the completed project have? How many would the project eliminate?
NA

D. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
No.

E. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No

F. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
NA

G. Proposed measures to reduce or control transportation impacts, if any: None

15. **Public Services**

A. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.
No

B. Proposed measures to reduce or control direct impacts on public services, if any.
None

16. **Utilities**

A. (Circle) utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer septic system, cable television, other. Electri, water, telephone, and sanitary sewer.

B. Describe the utilities that are proposed for the project, the utility providing service, and the general construction activities on the site or in the immediate vicinity which might be needed. All utiities will be capped or deactivated per code.

C. **Signature**

The above answers are true and complete to the best of my knowledge. I understand that the City is relying on them to make its decision.

_____ _____
Signature Date Submitted

City of Ellensburg
WASHINGTON

DEPARTMENT OF COMMUNITY DEVELOPMENT
501 N. Anderson Street Ellensburg, WA 98926

SEPA
DETERMINATION OF NONSIGNIFICANCE
(DNS)

Description of proposal: Proposal submitted by Robert Hanford Consulting, on behalf of Ken's Texaco, to perform the following work:

1) Demolish the existing building
2) Remove five underground storage tanks
3) Excavate approximately 2,000 cubic yards of petroleum contaminated soil and backfill with compacted structural fill.

Proponent: Ken's Texaco

Location of proposal: The property is addressed 101 East University Way, Ellensburg WA.
Parcel number: 453334
Map Number: 18-18-35057-0619,
Legal Description: CD. 714; TWN EBURG; 1ST RAILROAD ADD. LOTS 14,15, & 16 EXC. N. 50' OF LOT 16 & N. 50' OF W. 40' OF LOT 15; BLOCK 6

Lead Agency: City of Ellensburg **File No.** S10-04

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment and a Determination of Non-Significance (DNS) was issued. As a part of the DNS the applicant agrees to submit a Remedial Action Management Plan, which will include an Excavation/Shoring Plan, Health and Safety Plan and Best Management Practices. In addition a 10 day notice of intent to start work will be required

An environmental impact statement (EIS) is not required under RCW 43.21C.030(2) (c). This decision was made after review of a completed environmental checklist, comments received from agencies and the public, and review of other information on file with the lead agency. This information is available to the public on request.

The lead agency will not act on this proposal for fourteen (14) days. Comments must be submitted by July 19, 2010.

Responsible Official: Michael Smith
Title: SEPA Responsible Official
Address: City of Ellensburg
Community Development
501 N. Anderson Street
Ellensburg WA 98926
Ph. (509) 962-7232 Fax: (509) 925-8655

Date: July 1, 2010 **Signature:** _____

APPENDIX D

Notice of Intent to Decommission USTs

CRO-Kittitas

RECEIVED
AUG 20 2010
By

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
30 DAY NOTICE

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #: 4338
FS ID #: 66863128

VALIDATED
AUG 16 2010

Please ✓ the appropriate box: ☐ Intent to Install ☑ Intent to Close ☐ Both

RECEIVED
AUG 16 2010
Dept Of Ecology
Toxics Cleanup Program

Site Information

UBI Number 601411660

Site/Business Name Ken's Texaco
Street

Site Address 101 East University Way

City/State Ellensburg, WA

Zip Code 98926 Telephone (509) 925-9216

Owner Information
(This form will be returned to this address)

UST Owner/Operator Kenneth Volland

Mailing Address 101 East University Way
Street

P.O. Box

City/State Ellensburg, WA

Zip Code 98926 Telephone (509) 925-9216

Tank Installation Company (if known). Fill out this section ONLY if tanks are being installed.

Service Company

Contact Name

Address
Street P.O. Box

City State Zip Code Telephone ( )

Tank Permanent Closure Company (if known). Fill out this section ONLY if tanks are being closed.

Service Company Clearcreek Contractors, Inc.

Contact Name Jay Wilcox

Address 3203 15th St.
Street P.O. Box

Everett, WA 98201 Telephone (425) 252-5800
City State Zip Code

Tank Closure Information
Fill out this section ONLY if tanks are being closed.

Tank ID	Projected Closure Date	Tank Capacity	Substance Stored	Date Tank Last Used	Is There Product In the Tank (Yes/No)	If No, Date Tank Was Pumped
1	09/20/2010	6,000 GAL	Gasoline	2009	No	2009
2	09/20/2010	6,000 GAL	Gasoline	2009	No	2009
3	09/20/2010	4,000 GAL	Gasoline	2009	No	2009
4	09/20/2010	4,000 GAL	Gasoline	2009	No	2009
5	09/20/2010	300 GAL	Heating Oil	2009	No	2009

Tank Installation Information
Fill out this section ONLY if tanks are being installed.

Tank ID	Approx. Install Date

To receive this document in an alternate format, contact the TOXICS CLEANUP PROGRAM at 360-407-7170 (VOICE) or 1-800-833-6388 or 711 (TTY)
ECY 020-95 (Rev. 01-06)

4338

APPENDIX E

UST Site Assessment Checklist, and Closure and Site Assessment Notice

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

WASHINGTON STATE DEPARTMENT OF ECOLOGY

FOR OFFICE USE ONLY
Site #: _____
Facility Site ID #: _____

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): 66863128
Site/Business Name: Ken TEXACO
Site Address: 101 East University WAY (Street) Telephone: (509) 899 2196
ELLENSBURG (City) WA (State) 98926 (Zip Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
T-1	6000	Gasoline
T-2	6000	Gasoline
T-3	4000	Gasoline
T-4	4000	Gasoline
T-5	300 gallons	Heating Oil

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination.
_____ Investigate suspected release due to off-site environmental contamination.
_____ Extend temporary closure of UST system for more than 12 months.
_____ UST system undergoing change-in-service.
X UST system permanently closed with tank removed.
_____ Abandoned tank containing product.
_____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
_____ Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.	YES	NO
1. The location of the UST site is shown on a vicinity map.	✓	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	✓	
3. A summary of UST system data is provided. (see Section 3.1.)	✓	
4. The soils characteristics at the UST site are described. (see Section 5.2)	✓	
5. Is there any apparent groundwater in the tank excavation?	✓	
6. A brief description of the surrounding land use is provided. (see Section 3.1)	✓	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	✓	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	✓	
- groundwater samples distinguished from soil samples (if applicable)		
- samples collected from stockpiled excavated soil	✓	
- tank and piping locations and limits of excavation pit	✓	
- adjacent structures and streets	✓	
- approximate locations of any on-site and nearby utilities	✓	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)		
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	✓	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	✓	
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	✓	

SITE ASSESSOR INFORMATION

Eric L. Geissinger — Person registered with Ecology

Aspect Consulting — Firm Affiliated with

Business Address: 401 2nd Ave S. #201 (Street) Telephone: (206) 836-6586

Seattle (City) WA (State) 98104 (Zip Code)

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

10/23/12 (Date) — Signature of Person Registered with Ecology

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.

APPENDIX F

Waste Disposal Documentation (on CD)

7343 E. MARGINAL WAY SOUTH
SEATTLE, WASHINGTON 98108
PH. (206) 832-3000
FAX (206) 832-3030
24 HOUR EMERGENCY PHONE: 1-888-832-3008

212006-30

61496

www.emeraldnw.com

BILL OF LADING AND GALLONAGE TICKET

SHIPPER/GENERATOR Clear Creek	CONTACT Roger P	JOB # 30-67	
ADDRESS Jobsite 101 E University Way	PHONE# (206)	LOAD # 1	
CITY, STATE, ZIP Ellensburg	713-5748	DATE 4/18/12	
CARRIER Emerald Services Inc. Seattle, WA	PHONE# Clear Creek	DOCUMENT # 61496	
CONSIGNEE Emerald Recycling Services	CONTACT Paul (206)	TRUCK # 7011	
ADDRESS 1500 Airport Way	PHONE# 423-4967	PRODUCT TYPE	
CITY, STATE, ZIP Seattle, WA		EST. GALLONS 145	

HM	ITEM #	U.S. DOT DESCRIPTION	#	TYPE	QTY.
	A	3, UN1203 Gasoline PG II ERG128	1	T	569
	B				
	C				
	D				

A. WPQ # (-CRAGOLI6) DISP. CODE: _____ C. WPQ # _____ DISP. CODE: _____

B. WPQ # _____ DISP. CODE: _____ D. WPQ # _____ DISP. CODE: _____

DISPOSAL

DUMP DELAY TIME _____

WASH OUT: YES (✓) NO ( ) TIME IN _____ TIME OUT _____

E. WATER _____ GALLONS LOCATION _____ TEST _____ DISP. CODE _____

F. SOLIDS _____ GALLONS LOCATION _____ TEST _____ DISP. CODE _____

_____ % SUSPENDED SOLIDS BY CENTRIFUGE + _____ GALS SEDIMENT

G. OIL/DIESEL/GAS _____ GALLONS LOCATION _____ TEST _____ DISP. CODE _____

HOC'S _____ PCB'S _____ B.S.&W. _____ API _____ LAB: Y / N

Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway, vessel and rail according to applicable international and national government regulations and this material is not regulated as a hazardous waste in accordance with WAC 173-303, 40 CFR. Part 261 or 40 CFR Part 761.

X Tom Dold — SHIPPER (PRINT NAME) — X Tom Dold — SIGNATURE — DATE: 4/18/12

X Charles Stumpf — CARRIER - DRIVER 1 (PRINT NAME) — X [signature] — SIGNATURE — DATE: 4/18/12

X _____ CARRIER - DRIVER 2 (PRINT NAME) — X _____ SIGNATURE — DATE: _____

X _____ CONSIGNEE (PRINT NAME) — X _____ SIGNATURE — DATE: _____

G-2

CUSTOMER

JOB WORK ORDER

LEAVE Seattle @ 0600

EMERALD SERVICES INC
www.emeraldsw.com
7343 E. Marginal Way South
Seattle, Washingotn 98108
Dispatch (206) 832-3052 Fax (206) 832-3030

JOB NUMBER: 30-67374
JOB DATE: 04.18.2012
JOB COMPLETE YES ☐ NO ☐
PREVAILING WAGE YES ☐ NO ☐

PROJECT NAME/TANK NUMBER: CLEARCREEK CONTRACTORS
PROJECT ADDRESS: 101 EAST UNIVERSITY WAY ELLENSBURG WA
CUSTOMER BILLING NAME: CLEARCREEK CONTRACTORS
CUSTOMER CONTACT: PAUL PHONE NO 425.252.5800 DO 423-9967
CHANGE ORDER WORK [X]
SUMMARY OF WORK REQUIRED: ① CLEAN 3 EACH GAS 1 EACH DIESEL
☐TANK CLEANING: TANK HAVE BEEN P/R'd
☐BILGE CLEANING: NEED 2 People Driver & LABORER
☐VOIDS: VAC TRUCK, WASH PUMP, ALL SAFE EQ
☐PUMPING: Entry, LADDER FOR 6000 & 4000 gallon tank
☐OTHER / HYDROBLASTING: 2 EA hot blowers,
☐DROP VAC & VENT:

Tank Cleaning	EQUIP. #	SITE HRS	USAGE HRS	TANK CLEANING EQUIPMENT	EQUIP. #	SITE HRS	USAGE HRS
SUPERMACS				VACUUM TRUCK-LARGE			
WASH PUMP/HOTSEY	T-45				7011		
WASH PUMP/HOTSEY				VACUUM TRUCK-SMALL			
AIR COMPRESSOR							
BLOWER				GUZZLER			
M15/M8 PUMPS				CAMEL			
HYDRO BLASTER							
FRESH AIR MACHINE				1 TON			
POWER PAC				2.5 TON	6015		
TRI POD							

RENTAL EQUIPMENT	NO.	RET	VENDOR	STOCK REQS / MISC. RECEIPTS			INVOICE #
AIR COMPRESSOR							90879
EQUIP FUEL							
GENERATOR							
PORTA POTTY				BOL/MANIFEST	FACILITY	PRODUCT	VOLUME
BAKER TANK							
COPUS BLOWERS							
CP HOSE							
TRAVEL PASS FEES							
SCALE WEIGHT RECEIPTS							
TANKERMAN							
MARINE CHEMIST							

EMPLOYEE NAME	CL	PD	EQUIP. NO.	START	STOP	ST HOURS	OT HOURS	DT HOURS
[redacted]	3							
MALAY	2		6015	05:00				
CHARLES	3		7011	05:30				

Labor Classifications: 1. Leadman 2. Tank Cleaner 3. Driver 4. Hydroblast 5. Supermax 6. Supplied Air 7. Other 8. Site Supervisor 11/10

APPROVAL Signature: Tom Dolle Print: Tom Dolle Title:

J-1

EMERALD SERVICES, INC. ☐ **PARALLEL VERIFICATION** 30-67374
CONFINED SPACE ENTRY ☐ **STAND ALONE PERMIT**
VALID FOR ONE SHIFT ONLY CSE- 06286

SCOPE **Effective Date** 4/18 **20** 12 **Duration: From** 10:00 **AM/PM, To:** 16:00 **AM/PM**

Permit Issued To: Emerald Services Inc. 7343 E. Marginal Way S. Seattle, WA

Description of Work: Fuel Tank removal 5 Tanks (4 Gas, 1 Oil)

Facility: 7-11 Gas Station **Specific Location:** 101 E. University Way Ellensburg, WA

Hazards: ☑Flammable ☐Corrosive ☐Reactive ☐Toxic ☐Temp >100°F or <50°F ☐Engulfment

Other Hazards: Slip Trips, Falls, Eyes

PREP

☐Equipment/piping depressurized & vented
☐Equipment/piping blanked, blinded or disaligned
☑Powered (Forced Air) Ventilation
☐Ignition Sources Isolated
☑Air/Water/Suction Lines Grounded
☑Vacuum Truck Grounded
☐Required equipment permits
☐Other: _____

☐Electric, hydraulic, pneumatic & mechanical energy Sources shut off & locked out (zero-energy state)
☐Vessel/space steamed, cleaned or washed
☑Tank/vessel grounded
☐Ventilators grounded
☑Pumps grounded
☑Compressor grounded
☐Compressor & equipment alarms checked

Entry Type: ☐ **Horizontal** ☐ **Vertical**

PROTECTIVE EQUIPMENT

☑Warning Signs/Barricades
☐Barricade Tape/Cones
☑Ventilation Fan/Blower

OPERATIONAL

☑Fire Equipment In Place
☐GFCI
☐Lighting (Hazardous Location Rated)

☑Grounding and/or Bonding
☑Ladder
☐Other: _____

PERSONAL PROTECTIVE EQUIPMENT

☐Airline Respirator (supplied air)
☑SCB A (checked)
☑Fall Protection/Harness/Lifeline
☑Hearing Protection

☑Gloves
☑Rain Gear
☑Chemical Splash Goggles
☑Other PPE

☑Safety Glasses
☑Boots
☐(Other): _____
☑1st Aid Kit/Fire Extinguishers on Site

☑**Verify that all protective equipment has been checked, meets the job requirements and is in good condition.**

ATMOSPHERIC TESTING

Instrument: Micro 5 **Calibration Date:** 4/18/12 ☑Field Calibration OK? ☐Continuous Monitoring

Time of Test	Tank 4 10:00	Tank 3 10:45	Tank 2 11:30	Tank 1 12:00	Tank 5		
% Oxygen	20.8	20.8	20.8	20.8	20.8		
% LEL	0	0	0	0	0		
Carbon Monoxide (CO) ppm	0	0	0	0	0		
Hydrogen Sulfide (H_2S) ppm	0	0	0	0	0		
Benzene ppm	less than 50 ppm	less than 50 ppm	less than 50 ppm	less than 50 ppm	less than 50 ppm		
Temp °F	50 °F	50 °F	50 °F	50 °F	50 °F		
OTHER							
Tested By	Chemist	Chemist	Chemist	Chemist	Chemist		
Action Levels	<19.5% O_2 >23.5% O_2	≥10% LEL	5 ppm H_2S	20 ppm CO	0.5 ppm Benzene	Hydrocarbons 5 ppm	> 90F Temp < 35 F Temp

OTHER ACTION LEVELS: Xylene (50 ppm);Toluene (50 ppm); Ammonia (12 ppm); Mineral Spirits (50 ppm); Methanol (100 ppm)

RESCUE PROCEDURES & EQUIPMENT

Emergency Phone Number: 911 ☑**Rescue Plan Discussed & Understood?**

Location of Phone/Radio: Truck 701 (206) 407-6332 Customer Rep Phone: (425) 252-5800 Office Mike Greek (206) 423-9967 Paul Contractors

RESCUE EQUIPMENT ON SITE

☑Full body harness/lifeline
☐Rescue Winch
☑Davit/Tripod
☐Other: _____

CONFINED SPACE ENTRY COMMUNICATION

☐Radio communication
☑Rope/Line Signals
☑Visual Hand Signals
☑Sound
☑Touch

Designated Rescue Team: Charles Stampel

Emergency Assembly Area: outside Fence Area Other Assembly Area: Across Street of Fence

POTENTIAL EMERGENCY SITUATIONS Air, Eyes, Cuts, Slip, Trips, Falls

Clearcreek CONTRACTORS

Environmental/Civil

Document ID	Job #	Date	Facility	Material Type	Scale Ticket #	Trucking Co.	Truck #	BOL #	Tons	C yds/ Lds
51171	212006	4/26/2012	Waste Management	Class III/IV Soil	658910	RCE	9	658910	29.16	
51170	212006	4/26/2012	Waste Management	Class III/IV Soil	658911	RCE	5	658921	29.45	
51893	212006	4/26/2012	Waste Management	Class III/IV Soil	658925	Thayer	21	658925	28.83	
51892	212006	4/26/2012	Waste Management	Class III/IV Soil	658926	Thayer	3	658926	27.46	
51169	212006	4/26/2012	Waste Management	Class III/IV Soil	658949	Reecer	0	658949	28.31	
51168	212006	4/26/2012	Waste Management	Class III/IV Soil	658951	Reecer	5	658951	28.92	
51164	212006	4/27/2012	Waste Management	Class III/IV Soil	658981	Reeser	9	658981	28.80	
51165	212006	4/27/2012	Waste Management	Class III/IV Soil	658982	Reeser	5	658982	29.15	
51897	212006	4/27/2012	Waste Management	Class III/IV Soil	658984	Thayer	21	658984	29.64	
51894	212006	4/27/2012	Waste Management	Class III/IV Soil	658985	Thayer	3	658985	25.53	
51166	212006	4/27/2012	Waste Management	Class III/IV Soil	659019	RCE	9	659019	29.09	
51895	212006	4/27/2012	Waste Management	Class III/IV Soil	659026	Thayer	3	659026	29.85	
51167	212006	4/27/2012	Waste Management	Class III/IV Soil	659028	Reecer	5		28.18	
51896	212006	4/27/2012	Waste Management	Class III/IV Soil	659034	Thayer	21	659034	31.95	
51562	212006	4/30/2012	Waste Management	Class III/IV Soil	659062	Reecer Creek	0	659062	29.29	
51563	212006	4/30/2012	Waste Management	Class III/IV Soil	659064	Reecer Creek	1	659064	29.11	
51661	212006	4/30/2012	Waste Management	Class III/IV Soil	659067	Thayer	21	659067	31.01	
51662	212006	4/30/2012	Waste Management	Class III/IV Soil	659068	Thayer	21	659068	29.43	
51555	212006	4/30/2012	Waste Management	Class III/IV Soil	659089	PGH	3	3950	30.07	
52302	212006	4/30/2012	Waste Management	Class III/IV Soil	659090	PGH Excavating	5	3810	33.70	
51905	212006	4/30/2012	Waste Management	Class III/IV Soil	659091	PGH	3	659091	30.59	
52435	212006	4/30/2012	Waste Management	Class III/IV Soil	659098	Lloyd	0	659098	44.44	
51558	212006	4/30/2012	Waste Management	Class III/IV Soil	659099	Lloyd	116	659099	31.67	
51559	212006	4/30/2012	Waste Management	Class III/IV Soil	659104	Lloyd	0	659104	32.02	
51564	212006	4/30/2012	Waste Management	Class III/IV Soil	659113	Reecer Creek	9	659113	27.23	
51663	212006	4/30/2012	Waste Management	Class III/IV Soil	659127	Thayer	21	659127	29.31	
51665	212006	4/30/2012	Waste Management	Class III/IV Soil	659132	Thayer	21	659132	27.52	
51565	212006	4/30/2012	Waste Management	Class III/IV Soil	659134	Reecer Creek	1	659134	27.06	
51556	212006	4/30/2012	Waste Management	Class III/IV Soil	659161	Thornhill	19	659161	28.59	
52303	212006	4/30/2012	Waste Management	Class III/IV Soil	659162	PGH Excavating	5	3810	25.06	
51906	212006	4/30/2012	Waste Management	Class III/IV Soil	659163	PGH	3	659163	32.79	
51557	212006	4/30/2012	Waste Management	Class III/IV Soil	659167	RCE	9	659167	28.99	
51560	212006	4/30/2012	Waste Management	Class III/IV Soil	659169	Lloyd	134	659169	29.91	
51561	212006	4/30/2012	Waste Management	Class III/IV Soil	659170	Lloyd	116	659170	31.11	
51656	212006	5/1/2012	Waste Management	Class III/IV Soil	659183	Thayer	21	659183	34.75	
51542	212006	5/1/2012	Waste Management	Class III/IV Soil	659185	Reecer Creek	5	659185	29.30	
51658	212006	5/1/2012	Waste Management	Class III/IV Soil	659188	Thayer	21	659188	34.09	

51933	212006	5/1/2012	Waste Management	Class III/IV Soil	659193	PGH	3	659193	30.89
51540	212006	5/1/2012	Waste Management	Class III/IV Soil	659194	Thornhill	3	659194	30.83
51546	212006	5/1/2012	Waste Management	Class III/IV Soil	659205	Lloyd	134	659205	34.11
51547	212006	5/1/2012	Waste Management	Class III/IV Soil	659206	Lloyd	116	659206	29.06
51548	212006	5/1/2012	Waste Management	Class III/IV Soil	659207	Lloyd	118	659207	28.81
51549	212006	5/1/2012	Waste Management	Class III/IV Soil	659210	Lloyd	104	659210	31.92
51543	212006	5/1/2012	Waste Management	Class III/IV Soil	659214	Reecer Creek	9	659214	29.35
51659	212006	5/1/2012	Waste Management	Class III/IV Soil	659241	Thayer	21	659241	30.31
51660	212006	5/1/2012	Waste Management	Class III/IV Soil	659249	Thayer	21	659249	27.84
51544	212006	5/1/2012	Waste Management	Class III/IV Soil	659261	Reecer Creek	5	659261	28.52
51903	212006	5/1/2012	Waste Management	Class III/IV Soil	659267	PGH	3	659267	30.72
51541	212006	5/1/2012	Waste Management	Class III/IV Soil	659268	Thornhill	19	659268	30.14
51545	212006	5/1/2012	Waste Management	Class III/IV Soil	659282	Reecer Creek	9	659282	29.18
51550	212006	5/1/2012	Waste Management	Class III/IV Soil	659284	Lloyd	134	659284	32.93
51551	212006	5/1/2012	Waste Management	Class III/IV Soil	659285	Lloyd	116	659285	30.40
51552	212006	5/1/2012	Waste Management	Class III/IV Soil	659286	Lloyd	118	659286	31.07
51553	212006	5/1/2012	Waste Management	Class III/IV Soil	659287	Lloyd	104	659287	29.87
51929	212006	5/2/2012	Waste Management	Class III/IV Soil	659308	Thornhill	19	659308	30.43
51930	212006	5/2/2012	Waste Management	Class III/IV Soil	659314	PGH	3	659314	33.78
51657	212006	5/2/2012	Waste Management	Class III/IV Soil	659329	Thayer	21	659329	32.69
51530	212006	5/2/2012	Waste Management	Class III/IV Soil	659330	Lloyd	116	659330	31.57
51531	212006	5/2/2012	Waste Management	Class III/IV Soil	659331	Lloyd	118	659331	29.58
51532	212006	5/2/2012	Waste Management	Class III/IV Soil	659332	Lloyd	134	659332	36.02
51533	212006	5/2/2012	Waste Management	Class III/IV Soil	659334	Lloyd	104	659334	32.04
51526	212006	5/2/2012	Waste Management	Class III/IV Soil	659338	RCE	9	659338	30.37
51527	212006	5/2/2012	Waste Management	Class III/IV Soil	659342	RCE	5	659342	29.46
51931	212006	5/2/2012	Waste Management	Class III/IV Soil	659366	Thornhill	19	659366	32.71
51932	212006	5/2/2012	Waste Management	Class III/IV Soil	659368	PGH	3	659368	36.40
51655	212006	5/2/2012	Waste Management	Class III/IV Soil	659374	Thayer	21	659374	31.96
51528	212006	5/2/2012	Waste Management	Class III/IV Soil	659381	RCE	5	659381	30.44
51534	212006	5/2/2012	Waste Management	Class III/IV Soil	659387	Lloyd	134	659387	32.09
51535	212006	5/2/2012	Waste Management	Class III/IV Soil	659388	Lloyd	118	659388	31.89
51536	212006	5/2/2012	Waste Management	Class III/IV Soil	659390	Lloyd	104	659390	30.79
51537	212006	5/2/2012	Waste Management	Class III/IV Soil	659391	Lloyd	116	659391	30.96
51516	212006	5/3/2012	Waste Management	Class III/IV Soil	659410	RCE	9	659410	29.91
51927	212006	5/3/2012	Waste Management	Class III/IV Soil	659415	PGH	3	659415	30.51
52326	212006	5/3/2012	Waste Management	Class III/IV Soil	659418	Thornhill	19	3560	31.92
51518	212006	5/3/2012	Waste Management	Class III/IV Soil	659431	Lloyd	118	659431	28.81
51519	212006	5/3/2012	Waste Management	Class III/IV Soil	659432	Lloyd	104	659432	31.23
51520	212006	5/3/2012	Waste Management	Class III/IV Soil	659433	Lloyd	116	659433	30.31
51521	212006	5/3/2012	Waste Management	Class III/IV Soil	659434	Lloyd	134	659434	33.29
51653	212006	5/3/2012	Waste Management	Class III/IV Soil	659438	Thayer	21	659438	33.66
51585	212006	5/3/2012	Waste Management	Class III/IV Soil	659455	RCE	5	659455	27.30

51515	212006	5/3/2012	Waste Management	Class III/IV Soil	659467	RCE	9	659467	30.19
51928	212006	5/3/2012	Waste Management	Class III/IV Soil	659469	PGH	3	659469	31.99
51522	212006	5/3/2012	Waste Management	Class III/IV Soil	659489	Lloyd	104	659489	30.47
51654	212006	5/3/2012	Waste Management	Class III/IV Soil	659490	Thayer	21	659490	30.90
51523	212006	5/3/2012	Waste Management	Class III/IV Soil	659491	Lloyd	116	659491	30.39
51524	212006	5/3/2012	Waste Management	Class III/IV Soil	659492	Lloyd	118	659492	30.61
51525	212006	5/3/2012	Waste Management	Class III/IV Soil	659493	Lloyd	134	659493	33.19
51611	212006	5/4/2012	Waste Management	Class III/IV Soil	659522	RCE	9	659522	30.37
51586	212006	5/4/2012	Waste Management	Class III/IV Soil	659523	RCE	5	659523	30.33
51926	212006	5/4/2012	Waste Management	Class III/IV Soil	659526	PGH	3	659526	30.93
51512	212006	5/4/2012	Waste Management	Class III/IV Soil	659551	Lloyd	113	659551	31.33
51607	212006	5/4/2012	Waste Management	Class III/IV Soil	659552	Lloyd	104	659552	29.38
51513	212006	5/4/2012	Waste Management	Class III/IV Soil	659553	Lloyd	116	659553	30.20
51514	212006	5/4/2012	Waste Management	Class III/IV Soil	659554	Lloyd	134	659554	35.32
51643	212006	5/4/2012	Waste Management	Class III/IV Soil	659557	Thayer	21	659557	26.05
51612	212006	5/4/2012	Waste Management	Class III/IV Soil	659587	RCE	9	659587	29.55
51919	212006	5/4/2012	Waste Management	Class III/IV Soil	659589	PGH	3	659589	27.54
51587	212006	5/4/2012	Waste Management	Class III/IV Soil	659592	RCE	5	659592	29.30
52325	212006	5/4/2012	Waste Management	Class III/IV Soil	659609	Lloyd	118	252040	29.53
51608	212006	5/4/2012	Waste Management	Class III/IV Soil	659610	Lloyd	134	659610	35.09
51609	212006	5/4/2012	Waste Management	Class III/IV Soil	659611	Lloyd	116	659611	31.89
51610	212006	5/4/2012	Waste Management	Class III/IV Soil	659612	Lloyd	104	659612	33.92
51667	212006	5/4/2012	Waste Management	Class III/IV Soil	659614	Thayer	21	659614	36.13
51924	212006	5/7/2012	Waste Management	Class III/IV Soil	659652	PGH	3	659652	32.67
51921	212006	5/7/2012	Waste Management	Class III/IV Soil	659654	Thornhill	19	659654	33.77
51615	212006	5/7/2012	Waste Management	Class III/IV Soil	659664	Lloyd	134	659664	32.98
51922	212006	5/7/2012	Waste Management	Class III/IV Soil	659665	Lloyd	116	659665	33.06
51616	212006	5/7/2012	Waste Management	Class III/IV Soil	659666	Lloyd	118	659666	31.77
51617	212006	5/7/2012	Waste Management	Class III/IV Soil	659667	Lloyd	104	659667	31.56
51641	212006	5/7/2012	Waste Management	Class III/IV Soil	659669	Thayer	0	659669	26.92
51642	212006	5/7/2012	Waste Management	Class III/IV Soil	659670	Thayer	21	659670	26.01
51619	212006	5/7/2012	Waste Management	Class III/IV Soil	659680	RCE	9	659680	30.09
51925	212006	5/7/2012	Waste Management	Class III/IV Soil	659710	PGH	3	659710	34.33
51920	212006	5/7/2012	Waste Management	Class III/IV Soil	659711	Thornhill	3	659711	33.05
52348	212006	5/7/2012	Waste Management	Class III/IV Soil	659722	Thayer	21	659722	28.87
52347	212006	5/7/2012	Waste Management	Class III/IV Soil	659723	Thayer	3	659723	26.80
51613	212006	5/7/2012	Waste Management	Class III/IV Soil	659730	Lloyd	118	659730	30.51
51923	212006	5/7/2012	Waste Management	Class III/IV Soil	659731	Lloyd	116	659731	30.60
51618	212006	5/7/2012	Waste Management	Class III/IV Soil	659732	Lloyd	134	659732	35.08
51614	212006	5/7/2012	Waste Management	Class III/IV Soil	659733	Lloyd	104	659733	32.45
51509	212006	5/7/2012	Waste Management	Class III/IV Soil	659735	Reecer Creek	9	659735	29.51
51918	212006	5/8/2012	Waste Management	Class III/IV Soil	659766	Thornhill	19	659766	31.25
51917	212006	5/8/2012	Waste Management	Class III/IV Soil	659768	PGH	3	659768	30.33

51599	212006	5/8/2012	Waste Management	Class III/IV Soil	659791	Lloyd	118	659791	31.53
51600	212006	5/8/2012	Waste Management	Class III/IV Soil	659794	Lloyd	104	659794	33.08
51601	212006	5/8/2012	Waste Management	Class III/IV Soil	659795	Lloyd	116	659795	32.15
51602	212006	5/8/2012	Waste Management	Class III/IV Soil	659796	Lloyd	134	659796	34.10
51915	212006	5/8/2012	Waste Management	Class III/IV Soil	659828	PGH	3	659828	34.95
51916	212006	5/8/2012	Waste Management	Class III/IV Soil	659829	Thornhill	19	659829	28.08
51603	212006	5/8/2012	Waste Management	Class III/IV Soil	659854	Lloyd	118	659854	32.41
51604	212006	5/8/2012	Waste Management	Class III/IV Soil	659856	Lloyd	116	659856	33.02
51605	212006	5/8/2012	Waste Management	Class III/IV Soil	659857	Lloyd	104	659857	32.34
51606	212006	5/8/2012	Waste Management	Class III/IV Soil	659858	Lloyd	134	659858	33.48
51597	212006	5/9/2012	Waste Management	Class III/IV Soil	659922	PGH	3	3957	25.55
51914	212006	5/9/2012	Waste Management	Class III/IV Soil	659924	PGH	3	659924	38.92
51588	212006	5/9/2012	Waste Management	Class III/IV Soil	659933	Lloyd	134	659933	32.90
51589	212006	5/9/2012	Waste Management	Class III/IV Soil	659935	Lloyd	118	659935	32.01
51590	212006	5/9/2012	Waste Management	Class III/IV Soil	659936	Lloyd	116	659936	31.18
51591	212006	5/9/2012	Waste Management	Class III/IV Soil	659937	Lloyd	104	659937	29.36
51913	212006	5/9/2012	Waste Management	Class III/IV Soil	659971	PGH	3	659971	30.37
51912	212006	5/9/2012	Waste Management	Class III/IV Soil	659973	Thornhill	19	659973	30.94
51592	212006	5/9/2012	Waste Management	Class III/IV Soil	659986	PGH	118	659986	34.10
51593	212006	5/9/2012	Waste Management	Class III/IV Soil	659989	Lloyd	134	659989	32.80
51594	212006	5/9/2012	Waste Management	Class III/IV Soil	659990	Lloyd	116	659990	38.79
51595	212006	5/9/2012	Waste Management	Class III/IV Soil	659991	Lloyd	104	659991	31.12
51581	212006	5/10/2012	Waste Management	Class III/IV Soil	660009	RCE	9	660009	30.86
51579	212006	5/10/2012	Waste Management	Class III/IV Soil	660035	Thornhill	19	660035	37.97
51910	212006	5/10/2012	Waste Management	Class III/IV Soil	660036	PGH	3	660036	35.81
51582	212006	5/10/2012	Waste Management	Class III/IV Soil	660037	RCE	5	660037	28.12
51572	212006	5/10/2012	Waste Management	Class III/IV Soil	660040	Lloyd	118	660040	33.01
51573	212006	5/10/2012	Waste Management	Class III/IV Soil	660041	Lloyd	134	660041	37.17
51574	212006	5/10/2012	Waste Management	Class III/IV Soil	660043	Lloyd	116	660043	28.59
51575	212006	5/10/2012	Waste Management	Class III/IV Soil	660044	Lloyd	104	660044	32.14
51664	212006	5/10/2012	Waste Management	Class III/IV Soil	660048	Thayer	21	660048	28.08
51583	212006	5/10/2012	Waste Management	Class III/IV Soil	660071	RCE	9	660071	29.75
51584	212006	5/10/2012	Waste Management	Class III/IV Soil	660083	RCE	5	660083	29.11
51909	212006	5/10/2012	Waste Management	Class III/IV Soil	660084	Thornhill	19	660084	29.08
51911	212006	5/10/2012	Waste Management	Class III/IV Soil	660085	PGH	3	660085	32.03
51576	212006	5/10/2012	Waste Management	Class III/IV Soil	660089	Lloyd	116	660089	30.89
51577	212006	5/10/2012	Waste Management	Class III/IV Soil	660090	Lloyd	134	660090	37.53
51578	212006	5/10/2012	Waste Management	Class III/IV Soil	660091	Lloyd	118	660091	32.87
52346	212006	5/10/2012	Waste Management	Class III/IV Soil	660097	Thayer	21	660097	32.79
51567	212006	5/11/2012	Waste Management	Class III/IV Soil	660113	Reecer Creek	9	660113	29.58
51908	212006	5/11/2012	Waste Management	Class III/IV Soil	660124	PGH	0	660124	35.74
51907	212006	5/11/2012	Waste Management	Class III/IV Soil	660126	Thornhill	0	660126	40.51
51569	212006	5/11/2012	Waste Management	Class III/IV Soil	660132	Lloyd	118	660132	36.12

51570	212006	5/11/2012	Waste Management	Class III/IV Soil	660133	Lloyd	134	660133	34.86
51571	212006	5/11/2012	Waste Management	Class III/IV Soil	660134	Lloyd	116	660134	32.06
51984	212006	5/11/2012	Waste Management	Class III/IV Soil	660165	Reecer Creek	5	660165	28.13
51566	212006	5/11/2012	Waste Management	Class III/IV Soil	660188	RCE	9	660188	29.03
52345	212006	5/11/2012	Waste Management	Class III/IV Soil	660193	Thornhill	0	660193	26.12
52344	212006	5/11/2012	Waste Management	Class III/IV Soil	660194	PGH	3	660194	33.55
51983	212006	5/11/2012	Waste Management	Class III/IV Soil	660197	Lloyd	118	660197	29.19
51982	212006	5/11/2012	Waste Management	Class III/IV Soil	660198	Lloyd	116	660198	31.12
51981	212006	5/11/2012	Waste Management	Class III/IV Soil	660199	Lloyd	134	660199	30.98
51985	212006	5/14/2012	Waste Management	Class III/IV Soil	660230	Reecer Creek	9	660230	30.91
51986	212006	5/14/2012	Waste Management	Class III/IV Soil	660248	PGH	6	660248	29.15
51937	212006	5/14/2012	Waste Management	Class III/IV Soil	660254	Lloyd	116	252048	27.25
51938	212006	5/14/2012	Waste Management	Class III/IV Soil	660255	Lloyd	134	250562	33.08
51939	212006	5/14/2012	Waste Management	Class III/IV Soil	660256	Lloyd	104	246786	34.78
51940	212006	5/14/2012	Waste Management	Class III/IV Soil	660257	Lloyd	112	251678	35.30
51941	212006	5/14/2012	Waste Management	Class III/IV Soil	660262	Reecer Creek	5	660262	28.03
51942	212006	5/14/2012	Waste Management	Class III/IV Soil	660275	Reecer Creek	9	660275	32.51
51943	212006	5/14/2012	Waste Management	Class III/IV Soil	660284	PGH	6	660284	30.05
51944	212006	5/14/2012	Waste Management	Class III/IV Soil	660295	Reecer Creek	5	660295	30.02
51947	212006	5/14/2012	Waste Management	Class III/IV Soil	660297	Lloyd	116	252048	35.40
51946	212006	5/14/2012	Waste Management	Class III/IV Soil	660298	Lloyd	112	251678	35.91
51945	212006	5/14/2012	Waste Management	Class III/IV Soil	660299	Lloyd	104	246786	35.30
51948	212006	5/14/2012	Waste Management	Class III/IV Soil	660300	Lloyd	134	250562	36.63
51950	212006	5/15/2012	Waste Management	Class III/IV Soil	660325	PGH	0	660325	30.10
51963	212006	5/15/2012	Waste Management	Class III/IV Soil	660328	Clearcreek	44/51	6001	32.66
51951	212006	5/15/2012	Waste Management	Class III/IV Soil	660333	Lloyd	116	252049	35.29
51952	212006	5/15/2012	Waste Management	Class III/IV Soil	660334	Lloyd	104	246787	33.62
51953	212006	5/15/2012	Waste Management	Class III/IV Soil	660335	Lloyd	134	250563	37.91
51954	212006	5/15/2012	Waste Management	Class III/IV Soil	660337	Lloyd	112	251679	31.92
51955	212006	5/15/2012	Waste Management	Class III/IV Soil	660338	Reecer Creek	9	660338	29.90
51949	212006	5/15/2012	Waste Management	Class III/IV Soil	660360	Reecer Creek	5	660360	28.59
51964	212006	5/15/2012	Waste Management	Class III/IV Soil	660364	Clearcreek	44/51	6001	31.29
51956	212006	5/15/2012	Waste Management	Class III/IV Soil	660365	PGH	6	660365	34.51
51957	212006	5/15/2012	Waste Management	Class III/IV Soil	660372	RCW	9	660372	30.09
51958	212006	5/15/2012	Waste Management	Class III/IV Soil	660379	lLOYD	104	246787	30.19
51959	212006	5/15/2012	Waste Management	Class III/IV Soil	660380	Lloyd	116	252049	30.86
51960	212006	5/15/2012	Waste Management	Class III/IV Soil	660381	Lloyd	112	251679	31.49
51961	212006	5/15/2012	Waste Management	Class III/IV Soil	660382	Lloyd	134	250563	34.09
51977	212006	5/16/2012	Waste Management	Class III/IV Soil	660401	PGH	6	660401	34.06
51967	212006	5/16/2012	Waste Management	Class III/IV Soil	660402	Clearcreek	44/51	6002	30.54
51976	212006	5/16/2012	Waste Management	Class III/IV Soil	660404	Reecer Creek	9	660404	27.75
51978	212006	5/16/2012	Waste Management	Class III/IV Soil	660416	Reecer Creek	5	660416	28.98
51973	212006	5/16/2012	Waste Management	Class III/IV Soil	660417	Lloyd	116	252050	31.69

51975	212006	5/16/2012	Waste Management	Class III/IV Soil	660418	Lloyd	104	246788	31.36
51971	212006	5/16/2012	Waste Management	Class III/IV Soil	660419	Lloyd	134	250564	36.60
51972	212006	5/16/2012	Waste Management	Class III/IV Soil	660422	Lloyd	112	251680	32.65
51968	212006	5/16/2012	Waste Management	Class III/IV Soil	660435	Clearcreek	44/51	6002	30.96
51970	212006	5/16/2012	Waste Management	Class III/IV Soil	660443	PGH	6	660443	35.52
51974	212006	5/16/2012	Waste Management	Class III/IV Soil	660446	Reecer Creek	9	660446	31.85
52353	212006	5/16/2012	Waste Management	Class III/IV Soil	660453	Lloyd	104	246788	31.02
52352	212006	5/16/2012	Waste Management	Class III/IV Soil	660454	Lloyd	116	252050	30.18
52351	212006	5/16/2012	Waste Management	Class III/IV Soil	660455	Lloyd	134	250564	35.06
52350	212006	5/16/2012	Waste Management	Class III/IV Soil	660456	Lloyd	112	251680	33.71
51965	212006	5/16/2012	Waste Management	Class III/IV Soil	660458	Reecer Creek	0	660458	30.02
51969	212006	5/16/2012	Waste Management	Class III/IV Soil	660464	Clearcreek	44/51	6002	31.86
52349	212006	5/16/2012	Waste Management	Class III/IV Soil	660467	PGH	6	660467	29.53
51980	212006	5/17/2012	Waste Management	Class III/IV Soil	660490	Clearcreek	44/51	6003	30.01
				Class III/IV Soil Total					**6999.79**
51689	212006	4/30/2012	RCE	Pit Run	6398	RCE	1	6398	14.30
51688	212006	4/30/2012	RCE	Pit Run	6399	RCE	1	6399	14.10
51687	212006	4/30/2012	RCE	Pit Run	6400	RCE	1	6400	15.63
51686	212006	4/30/2012	RCE	Pit Run	6401	RCE	1	6401	17.25
51685	212006	4/30/2012	RCE	Pit Run	6402	RCE	1	6402	17.13
51684	212006	4/30/2012	RCE	Pit Run	6403	RCE	1	6403	16.15
51683	212006	4/30/2012	RCE	Pit Run	6404	RCE	1	6404	16.13
51682	212006	4/30/2012	RCE	Pit Run	6405	RCE	1	6405	17.03
51681	212006	4/30/2012	RCE	Pit Run	6406	RCE	1	6406	17.28
51680	212006	4/30/2012	RCE	Pit Run	6407	RCE	1	6407	17.31
51679	212006	4/30/2012	RCE	Pit Run	6408	RCE	1	6408	17.59
51709	212006	5/1/2012	RCE	Pit Run	6411	RCE	1	6411	20.12
51690	212006	5/1/2012	RCE	Pit Run	6412	RCE	1	6412	17.80
51710	212006	5/1/2012	RCE	Pit Run	6413	RCE	1	6413	18.82
51691	212006	5/1/2012	RCE	Pit Run	6414	RCE	1	6414	17.14
51711	212006	5/1/2012	RCE	Pit Run	6415	RCE	1	6415	19.74
51692	212006	5/1/2012	RCE	Pit Run	6416	RCE	1	6416	17.58
51693	212006	5/1/2012	RCE	Pit Run	6418	RCE	1	6418	17.20
51694	212006	5/1/2012	RCE	Pit Run	6419	RCE	1	6419	17.93
51695	212006	5/1/2012	RCE	Pit Run	6420	RCE	1	6420	17.69
51696	212006	5/1/2012	RCE	Pit Run	6421	RCE	1	6421	17.58
51697	212006	5/1/2012	RCE	Pit Run	6422	RCE	1	6422	18.36
51698	212006	5/1/2012	RCE	Pit Run	6423	RCE	1	6423	17.12
51699	212006	5/1/2012	RCE	Pit Run	6424	RCE	1	6424	17.95
51700	212006	5/1/2012	RCE	Pit Run	6425	RCE	1	6425	17.59
51701	212006	5/1/2012	RCE	Pit Run	6426	RCE	1	6426	17.77
51702	212006	5/1/2012	RCE	Pit Run	6427	RCE	1	6427	18.30
51703	212006	5/1/2012	RCE	Pit Run	6428	RCE	1	6428	17.85

51704	212006	5/1/2012	RCE	Pit Run	6429	RCE	1	6429	18.35
51705	212006	5/1/2012	RCE	Pit Run	6431	RCE	1	6431	18.08
51706	212006	5/1/2012	RCE	Pit Run	6432	RCE	1	6432	17.25
51727	212006	5/2/2012	RCE	Pit Run	6433	RCE	1	6433	19.29
51815	212006	5/7/2012	RCE	Pit Run	6437	RCE	5	6437	16.20
51707	212006	5/1/2012	RCE	Pit Run	6438	RCE	1	6438	15.85
51708	212006	5/1/2012	RCE	Pit Run	6439	RCE	1	6439	16.45
51712	212006	5/2/2012	RCE	Pit Run	6440	RCE	1	6440	18.10
51728	212006	5/2/2012	RCE	Pit Run	6441	RCE	1	6441	18.27
51713	212006	5/2/2012	RCE	Pit Run	6443	RCE	1	6443	16.13
51729	212006	5/2/2012	RCE	Pit Run	6444	RCE	1	6444	19.30
51731	212006	5/2/2012	RCE	Pit Run	6445	RCE	1	6445	15.38
51733	212006	5/2/2012	RCE	Pit Run	6446	RCE	1	6446	15.28
51732	212006	5/2/2012	RCE	Pit Run	6447	RCE	1	6447	14.88
51734	212006	5/2/2012	RCE	Pit Run	6448	RCE	1	6448	15.77
51730	212006	5/2/2012	RCE	Pit Run	6449	RCE	1	6449	18.02
51714	212006	5/2/2012	RCE	Pit Run	6450	RCE	1	6450	16.73
51715	212006	5/2/2012	RCE	Pit Run	6451	RCE	1	6451	15.41
51716	212006	5/2/2012	RCE	Pit Run	6452	RCE	1	6452	16.20
51717	212006	5/2/2012	RCE	Pit Run	6453	RCE	1	6453	16.90
51718	212006	5/2/2012	RCE	Pit Run	6454	RCE	1	6454	16.80
51719	212006	5/2/2012	RCE	Pit Run	6455	RCE	1	6455	17.03
51720	212006	5/2/2012	RCE	Pit Run	6456	RCE	1	6456	17.29
51721	212006	5/2/2012	RCE	Pit Run	6457	RCE	1	6457	16.92
51722	212006	5/2/2012	RCE	Pit Run	6458	RCE	1	6458	16.68
51723	212006	5/2/2012	RCE	Pit Run	6459	RCE	1	6459	17.11
51724	212006	5/2/2012	RCE	Pit Run	6461	RCE	1	6461	15.93
51725	212006	5/2/2012	RCE	Pit Run	6462	RCE	1	6462	17.00
51726	212006	5/2/2012	RCE	Pit Run	6463	RCE	1	6463	17.55
51736	212006	5/3/2012	RCE	Pit Run	6464	RCE	1	6464	17.17
51750	212006	5/3/2012	RCE	Pit Run	6465	RCE	1	6465	16.25
51751	212006	5/3/2012	RCE	Pit Run	6466	RCE	1	6466	16.22
51737	212006	5/3/2012	RCE	Pit Run	6467	RCE	1	6467	15.99
51738	212006	5/3/2012	RCE	Pit Run	6468	RCE	1	6468	15.95
51739	212006	5/3/2012	RCE	Pit Run	6469	RCE	1	6469	16.38
51740	212006	5/3/2012	RCE	Pit Run	6471	RCE	1	6471	16.14
51741	212006	5/3/2012	RCE	Pit Run	6473	RCE	1	6473	15.48
51742	212006	5/3/2012	RCE	Pit Run	6474	RCE	1	6474	15.78
51743	212006	5/3/2012	RCE	Pit Run	6475	RCE	1	6475	15.45
51744	212006	5/3/2012	RCE	Pit Run	6476	RCE	1	6476	15.54
51745	212006	5/3/2012	RCE	Pit Run	6477	RCE	1	6477	16.01
51746	212006	5/3/2012	RCE	Pit Run	6478	RCE	1	6478	16.78
51747	212006	5/3/2012	RCE	Pit Run	6479	RCE	1	6479	16.15

51752	212006	5/3/2012	RCE	Pit Run	6480	RCE	1	6480	15.23
51753	212006	5/3/2012	RCE	Pit Run	6482	RCE	1	6482	16.37
51748	212006	5/3/2012	RCE	Pit Run	6483	RCE	1	6483	16.34
51754	212006	5/3/2012	RCE	Pit Run	6484	RCE	1	6484	16.19
51749	212006	5/3/2012	RCE	Pit Run	6485	RCE	1	6485	16.03
51755	212006	5/4/2012	RCE	Pit Run	6486	RCE	1	6486	16.35
51756	212006	5/4/2012	RCE	Pit Run	6488	RCE	1	6488	16.86
51757	212006	5/4/2012	RCE	Pit Run	6490	RCE	1	6490	16.59
51758	212006	5/4/2012	RCE	Pit Run	6491	RCE	1	6491	17.28
51759	212006	5/4/2012	RCE	Pit Run	6492	RCE	1	6492	16.97
51760	212006	5/4/2012	RCE	Pit Run	6493	RCE	1	6493	16.47
51761	212006	5/4/2012	RCE	Pit Run	6494	RCE	1	6494	15.87
51762	212006	5/4/2012	RCE	Pit Run	6495	RCE	1	6495	15.87
51763	212006	5/4/2012	RCE	Pit Run	6496	RCE	1	6496	16.34
51764	212006	5/4/2012	RCE	Pit Run	6497	RCE	1	6497	16.11
51765	212006	5/4/2012	RCE	Pit Run	6498	RCE	1	6498	15.87
51766	212006	5/4/2012	RCE	Pit Run	6499	RCE	1	6499	16.26
51767	212006	5/4/2012	RCE	Pit Run	6500	RCE	1	6500	16.34
51768	212006	5/4/2012	RCE	Pit Run	6501	RCE	1	6501	16.34
51769	212006	5/4/2012	RCE	Pit Run	6502	RCE	1	6502	17.08
51832	212006	5/8/2012	RCE	Pit Run	6502	RCE	2	6902	30.51
51770	212006	5/4/2012	RCE	Pit Run	6503	RCE	1	6503	16.58
51771	212006	5/4/2012	RCE	Pit Run	6504	RCE	1	6504	16.29
51814	212006	5/7/2012	RCE	Pit Run	6505	RCE	9	6505	16.53
51813	212006	5/7/2012	RCE	Pit Run	6506	RCE	9	6506	17.95
51812	212006	5/7/2012	RCE	Pit Run	6507	RCE	1	6507	13.54
51811	212006	5/7/2012	RCE	Pit Run	6508	RCE	9	6508	17.80
51810	212006	5/7/2012	RCE	Pit Run	6509	RCE	1	6509	14.24
51809	212006	5/7/2012	RCE	Pit Run	6510	RCE	5	6510	14.60
51808	212006	5/7/2012	RCE	Pit Run	6512	RCE	2	6512	25.43
51807	212006	5/7/2012	RCE	Pit Run	6513	RCE	9	6513	17.10
51806	212006	5/7/2012	RCE	Pit Run	6517	RCE	1	6517	13.72
51805	212006	5/7/2012	RCE	Pit Run	6518	RCE	1	6518	15.24
51804	212006	5/7/2012	RCE	Pit Run	6519	RCE	2	6519	28.17
51803	212006	5/7/2012	RCE	Pit Run	6520	RCE	1	6520	15.63
51802	212006	5/7/2012	RCE	Pit Run	6521	RCE	2	6521	21.19
51801	212006	5/7/2012	RCE	Pit Run	6522	RCE	1	6522	16.15
51800	212006	5/7/2012	RCE	Pit Run	6523	RCE	2	6523	30.02
51799	212006	5/7/2012	RCE	Pit Run	6524	RCE	1	6524	15.71
51798	212006	5/7/2012	RCE	Pit Run	6525	RCE	2	6525	23.05
51797	212006	5/7/2012	RCE	Pit Run	6526	RCE	1	6526	15.37
51796	212006	5/7/2012	RCE	Pit Run	6527	RCE	2	6527	23.26
51795	212006	5/7/2012	RCE	Pit Run	6528	RCE	1	6528	16.33

51794	212006	5/7/2012	RCE	Pit Run	6529	RCE	2	6529	24.98
51793	212006	5/7/2012	RCE	Pit Run	6530	RCE	1	6530	16.76
51792	212006	5/7/2012	RCE	Pit Run	6531	RCE	1	6531	15.63
51791	212006	5/7/2012	RCE	Pit Run	6532	RCE	2	6532	26.07
51790	212006	5/7/2012	RCE	Pit Run	6533	RCE	1	6533	13.74
51789	212006	5/7/2012	RCE	Pit Run	6534	RCE	2	6534	23.98
51788	212006	5/7/2012	RCE	Pit Run	6535	RCE	1	6535	13.82
51787	212006	5/7/2012	RCE	Pit Run	6536	RCE	2	6536	28.94
51786	212006	5/7/2012	RCE	Pit Run	6537	RCE	1	6537	15.20
51785	212006	5/7/2012	RCE	Pit Run	6538	RCE	2	6538	29.98
51784	212006	5/7/2012	RCE	Pit Run	6541	RCE	1	6541	15.94
51783	212006	5/7/2012	RCE	Pit Run	6542	RCE	2	6542	28.70
51777	212006	5/7/2012	RCE	Pit Run	6543	RCE	1	6543	15.11
51776	212006	5/7/2012	RCE	Pit Run	6544	RCE	1	6544	28.27
51775	212006	5/7/2012	RCE	Pit Run	6545	RCE	1	6545	15.44
51774	212006	5/7/2012	RCE	Pit Run	6546	RCE	1	6546	27.21
51773	212006	5/7/2012	RCE	Pit Run	6547	RCE	1	6547	14.33
51772	212006	5/7/2012	RCE	Pit Run	6548	RCE	1	6548	27.31
51874	212006	5/8/2012	RCE	Pit Run	6551	RCE	9	6551	17.92
51816	212006	5/8/2012	RCE	Pit Run	6553	RCE	1	6553	14.71
51873	212006	5/8/2012	RCE	Pit Run	6554	RCE	9	6554	19.28
51817	212006	5/8/2012	RCE	Pit Run	6555	RCE	1	6555	14.82
51841	212006	5/8/2012	RCE	Pit Run	6556	RCE	5	6556	17.22
51872	212006	5/8/2012	RCE	Pit Run	6557	RCE	9	6557	19.72
51818	212006	5/8/2012	RCE	Pit Run	6558	RCE	1	6558	15.33
51842	212006	5/8/2012	RCE	Pit Run	6559	RCE	5	6559	17.53
51871	212006	5/8/2012	RCE	Pit Run	6560	RCE	9	6560	19.27
51819	212006	5/8/2012	RCE	Pit Run	6561	RCE	1	6561	15.53
51843	212006	5/8/2012	RCE	Pit Run	6562	RCE	5	6562	16.42
51840	212006	5/8/2012	RCE	Pit Run	6563	RCE	2	6563	27.11
51870	212006	5/8/2012	RCE	Pit Run	6564	RCE	9	6564	18.02
51820	212006	5/8/2012	RCE	Pit Run	6565	RCE	1	6565	15.13
51844	212006	5/8/2012	RCE	Pit Run	6566	RCE	5	6566	16.04
51869	212006	5/8/2012	RCE	Pit Run	6567	RCE	9	6567	18.42
51839	212006	5/8/2012	RCE	Pit Run	6568	RCE	2	6568	27.77
51821	212006	5/8/2012	RCE	Pit Run	6569	RCE	1	6569	15.02
51868	212006	5/8/2012	RCE	Pit Run	6570	RCE	9	6570	17.52
51838	212006	5/8/2012	RCE	Pit Run	6571	RCE	2	6571	27.03
51822	212006	5/8/2012	RCE	Pit Run	6572	RCE	1	6572	14.48
51867	212006	5/8/2012	RCE	Pit Run	6573	RCE	9	6573	18.70
51837	212006	5/8/2012	RCE	Pit Run	6574	RCE	2	6574	27.38
51823	212006	5/8/2012	RCE	Pit Run	6575	RCE	1	6575	15.63
51866	212006	5/8/2012	RCE	Pit Run	6576	RCE	9	6576	18.54

51845	212006	5/8/2012	RCE	Pit Run	6577	RCE	5	6577	15.82
51836	212006	5/8/2012	RCE	Pit Run	6578	RCE	2	6578	26.49
51824	212006	5/8/2012	RCE	Pit Run	6579	RCE	1	6579	14.33
51865	212006	5/8/2012	RCE	Pit Run	6580	RCE	9	6580	17.29
51846	212006	5/8/2012	RCE	Pit Run	6581	RCE	5	6581	15.82
51835	212006	5/8/2012	RCE	Pit Run	6582	RCE	2	6582	28.68
51825	212006	5/8/2012	RCE	Pit Run	6584	RCE	1	6584	14.54
51864	212006	5/8/2012	RCE	Pit Run	6585	RCE	9	6585	18.42
51847	212006	5/8/2012	RCE	Pit Run	6586	RCE	5	6586	15.62
51834	212006	5/8/2012	RCE	Pit Run	6587	RCE	2	6587	29.35
51826	212006	5/8/2012	RCE	Pit Run	6588	RCE	1	6588	13.93
51863	212006	5/8/2012	RCE	Pit Run	6589	RCE	9	6589	18.32
51848	212006	5/8/2012	RCE	Pit Run	6590	RCE	5	6590	17.14
51827	212006	5/8/2012	RCE	Pit Run	6591	RCE	1	6591	15.26
51833	212006	5/8/2012	RCE	Pit Run	6901	RCE	2	6901	28.47
51828	212006	5/8/2012	RCE	Pit Run	6903	RCE	1	6903	14.81
51849	212006	5/8/2012	RCE	Pit Run	6904	RCE	5	6904	16.54
51862	212006	5/8/2012	RCE	Pit Run	6905	RCE	9	6905	19.49
51850	212006	5/8/2012	RCE	Pit Run	6906	RCE	5	6906	16.47
51861	212006	5/8/2012	RCE	Pit Run	6907	RCE	9	6907	18.35
51851	212006	5/8/2012	RCE	Pit Run	6908	RCE	5	6908	15.94
51860	212006	5/8/2012	RCE	Pit Run	6909	RCE	9	6909	18.52
51852	212006	5/8/2012	RCE	Pit Run	6910	RCE	5	6910	15.52
51859	212006	5/8/2012	RCE	Pit Run	6911	RCE	9	6911	19.14
51853	212006	5/8/2012	RCE	Pit Run	6912	RCE	5	6912	16.06
51858	212006	5/8/2012	RCE	Pit Run	6913	RCE	9	6913	18.39
51854	212006	5/8/2012	RCE	Pit Run	6914	RCE	5	6914	16.07
51829	212006	5/8/2012	RCE	Pit Run	6915	RCE	1	6915	14.58
51857	212006	5/8/2012	RCE	Pit Run	6916	RCE	9	6916	18.59
51830	212006	5/8/2012	RCE	Pit Run	6917	RCE	1	6917	14.70
51856	212006	5/8/2012	RCE	Pit Run	6918	RCE	9	6918	18.22
51855	212006	5/8/2012	RCE	Pit Run	6919	RCE	5	6919	16.12
51831	212006	5/8/2012	RCE	Pit Run	6920	RCE	1	6920	15.25
52120	212006	5/11/2012	RCE	Pit Run	6922	RCE	5	6922	15.68
52121	212006	5/11/2012	RCE	Pit Run	6923	RCE	5	6923	16.40
52122	212006	5/11/2012	RCE	Pit Run	6924	RCE	5	6924	15.73
52123	212006	5/11/2012	RCE	Pit Run	6925	RCE	5	6925	18.86
52124	212006	5/11/2012	RCE	Pit Run	6926	RCE	1	6926	17.36
52125	212006	5/11/2012	RCE	Pit Run	6927	RCE	1	6927	17.79
52126	212006	5/11/2012	RCE	Pit Run	6929	RCE	1	6929	17.50
52128	212006	5/11/2012	RCE	Pit Run	6930	RCE	1	6930	17.26
52127	212006	5/11/2012	RCE	Pit Run	6931	RCE	1	6931	17.90
52129	212006	5/11/2012	RCE	Pit Run	6932	RCE	1	6932	16.55

52130	212006	5/11/2012	RCE	Pit Run	6933	RCE	1	6933	17.55
52131	212006	5/11/2012	RCE	Pit Run	6934	RCE	1	6934	16.82
52132	212006	5/11/2012	RCE	Pit Run	6935	RCE	1	6935	16.20
52133	212006	5/11/2012	RCE	Pit Run	6936	RCE	1	6936	13.22
52134	212006	5/11/2012	RCE	Pit Run	6937	RCE	1	6937	13.95
52135	212006	5/11/2012	RCE	Pit Run	6938	RCE	1	6938	14.45
52136	212006	5/11/2012	RCE	Pit Run	6939	RCE	5	6939	19.40
52094	212006	5/14/2012	RCE	Pit Run	6940	RCE	1	6940	13.72
52095	212006	5/14/2012	RCE	Pit Run	6941	RCE	1	6941	17.26
52096	212006	5/14/2012	RCE	Pit Run	6942	RCE	1	6942	17.72
52097	212006	5/14/2012	RCE	Pit Run	6943	RCE	1	6943	15.70
52098	212006	5/14/2012	RCE	Pit Run	6944	RCE	5	6944	18.51
52099	212006	5/14/2012	RCE	Pit Run	6945	RCE	1	6945	16.74
52100	212006	5/14/2012	RCE	Pit Run	6946	RCE	1	6946	16.11
52101	212006	5/14/2012	RCE	Pit Run	6947	RCE	1	6947	15.82
52102	212006	5/14/2012	RCE	Pit Run	6948	RCE	1	6948	15.25
52103	212006	5/14/2012	RCE	Pit Run	6949	RCE	1	6949	16.09
52104	212006	5/14/2012	RCE	Pit Run	6950	RCE	1	6950	15.87
52105	212006	5/14/2012	RCE	Pit Run	6951	RCE	1	6951	15.62
52106	212006	5/14/2012	RCE	Pit Run	6952	RCE	1	6952	15.47
52107	212006	5/14/2012	RCE	Pit Run	6954	RCE	1	6954	13.65
52108	212006	5/14/2012	RCE	Pit Run	6955	RCE	1	6955	14.02
52109	212006	5/14/2012	RCE	Pit Run	6956	RCE	1	6956	14.70
52110	212006	5/14/2012	RCE	Pit Run	6957	RCE	1	6957	14.07
52111	212006	5/14/2012	RCE	Pit Run	6958	RCE	1	6958	14.06
52112	212006	5/14/2012	RCE	Pit Run	6959	RCE	1	6959	15.35
52113	212006	5/14/2012	RCE	Pit Run	6960	RCE	1	6960	13.70
52114	212006	5/14/2012	RCE	Pit Run	6961	RCE	1	6961	14.02
52115	212006	5/14/2012	RCE	Pit Run	6962	RCE	1	6962	14.91
52116	212006	5/14/2012	RCE	Pit Run	6963	RCE	1	6963	14.25
52117	212006	5/14/2012	RCE	Pit Run	6964	RCE	1	6964	14.45
52118	212006	5/15/2012	RCE	Pit Run	6965	RCE	5	6965	18.18
52079	212006	5/15/2012	RCE	Pit Run	6966	RCE	1	6966	16.34
52119	212006	5/15/2012	RCE	Pit Run	6967	RCE	5	6967	18.85
52080	212006	5/15/2012	RCE	Pit Run	6968	RCE	1	6968	16.84
52081	212006	5/15/2012	RCE	Pit Run	6969	RCE	1	6969	16.82
52082	212006	5/15/2012	RCE	Pit Run	6970	RCE	1	6970	16.85
52083	212006	5/15/2012	RCE	Pit Run	6971	RCE	1	6971	15.95
52084	212006	5/15/2012	RCE	Pit Run	6972	RCE	1	6972	15.94
52085	212006	5/15/2012	RCE	Pit Run	6973	RCE	1	6973	17.97
52086	212006	5/15/2012	RCE	Pit Run	6975	RCE	1	6975	17.84
52087	212006	5/15/2012	RCE	Pit Run	6976	RCE	1	6976	16.92
52088	212006	5/15/2012	RCE	Pit Run	6977	RCE	1	6977	17.76

52089	212006	5/15/2012	RCE	Pit Run	6978	RCE	1	6978	17.34
52090	212006	5/15/2012	RCE	Pit Run	6979	RCE	1	6979	16.48
52091	212006	5/15/2012	RCE	Pit Run	6981	RCE	1	6981	17.15
52092	212006	5/15/2012	RCE	Pit Run	6982	RCE	1	6982	18.06
52093	212006	5/15/2012	RCE	Pit Run	6983	RCE	1	6983	18.32
52049	212006	5/16/2012	RCE	Pit Run	6984	RCE	1	6984	17.76
52050	212006	5/16/2012	RCE	Pit Run	6986	RCE	1	6986	17.06
52051	212006	5/16/2012	RCE	Pit Run	6987	RCE	1	6987	17.19
52067	212006	5/16/2012	RCE	Pit Run	6988	RCE	2	6988	29.29
52052	212006	5/16/2012	RCE	Pit Run	6989	RCE	1	6989	15.92
52068	212006	5/16/2012	RCE	Pit Run	6990	RCE	2	6990	27.50
52053	212006	5/16/2012	RCE	Pit Run	6991	RCE	2	6991	16.22
52054	212006	5/16/2012	RCE	Pit Run	6992	RCE	1	6992	16.94
52069	212006	5/16/2012	RCE	Pit Run	6993	RCE	2	6993	28.97
52055	212006	5/16/2012	RCE	Pit Run	6994	RCE	1	6994	17.16
52070	212006	5/16/2012	RCE	Pit Run	6995	RCE	2	6995	27.36
52056	212006	5/16/2012	RCE	Pit Run	6996	RCE	1	6996	16.41
52071	212006	5/16/2012	RCE	Pit Run	6997	RCE	2	6997	28.59
52057	212006	5/16/2012	RCE	Pit Run	6998	RCE	1	6998	16.11
52072	212006	5/16/2012	RCE	Pit Run	6999	RCE	2	6999	27.06
52058	212006	5/16/2012	RCE	Pit Run	7000	RCE	1	7000	17.76
52059	212006	5/16/2012	RCE	Pit Run	7001	RCE	1	7001	16.51
52073	212006	5/16/2012	RCE	Pit Run	7002	RCE	2	7002	28.90
52060	212006	5/16/2012	RCE	Pit Run	7004	RCE	1	7004	17.39
52074	212006	5/16/2012	RCE	Pit Run	7005	RCE	2	7005	27.99
52061	212006	5/16/2012	RCE	Pit Run	7006	RCE	1	7006	17.21
52062	212006	5/16/2012	RCE	Pit Run	7007	RCE	1	7007	15.17
52075	212006	5/16/2012	RCE	Pit Run	7008	RCE	2	7008	27.59
52063	212006	5/16/2012	RCE	Pit Run	7009	RCE	1	7009	17.42
52076	212006	5/16/2012	RCE	Pit Run	7010	RCE	2	7010	26.87
52064	212006	5/16/2012	RCE	Pit Run	7011	RCE	1	7011	15.41
52077	212006	5/16/2012	RCE	Pit Run	7012	RCE	2	7012	26.60
52065	212006	5/16/2012	RCE	Pit Run	7013	RCE	1	7013	15.18
52078	212006	5/16/2012	RCE	Pit Run	7014	RCE	2	7014	26.95
52066	212006	5/16/2012	RCE	Pit Run	7015	RCE	1	7015	15.64
52021	212006	5/17/2012	RCE	Pit Run	7016	RCE	9	7016	18.28
52022	212006	5/17/2012	RCE	Pit Run	7017	RCE	5	7017	15.10
52023	212006	5/17/2012	RCE	Pit Run	7018	RCE	9	7018	15.52
52024	212006	5/17/2012	RCE	Pit Run	7019	RCE	5	7019	15.47
52025	212006	5/17/2012	RCE	Pit Run	7020	RCE	9	7020	19.34
52026	212006	5/17/2012	RCE	Pit Run	7021	RCE	5	7021	17.47
52027	212006	5/17/2012	RCE	Pit Run	7022	RCE	9	7022	19.98
52028	212006	5/17/2012	RCE	Pit Run	7023	RCE	5	7023	16.77

52029	212006	5/17/2012	RCE	Pit Run	7024	RCE	9	7024	21.09
52030	212006	5/17/2012	RCE	Pit Run	7025	RCE	5	7025	17.95
52031	212006	5/17/2012	RCE	Pit Run	7026	RCE	9	7026	21.70
52032	212006	5/17/2012	RCE	Pit Run	7027	RCE	5	7027	18.24
52033	212006	5/17/2012	RCE	Pit Run	7028	RCE	9	7028	18.70
52034	212006	5/17/2012	RCE	Pit Run	7029	RCE	5	7029	17.61
52035	212006	5/17/2012	RCE	Pit Run	7030	RCE	5	7030	16.68
52036	212006	5/17/2012	RCE	Pit Run	7031	RCE	5	7031	16.67
52037	212006	5/17/2012	RCE	Pit Run	7032	RCE	2	7032	26.20
52038	212006	5/17/2012	RCE	Pit Run	7033	RCE	5	7033	17.42
52039	212006	5/17/2012	RCE	Pit Run	7034	RCE	5	7034	15.90
52040	212006	5/17/2012	RCE	Pit Run	7035	RCE	2	7035	28.93
52041	212006	5/17/2012	RCE	Pit Run	7036	RCE	5	7036	16.87
52042	212006	5/17/2012	RCE	Pit Run	7037	RCE	2	7037	29.28
52043	212006	5/17/2012	RCE	Pit Run	7038	RCE	5	7038	17.08
52044	212006	5/17/2012	RCE	Pit Run	7039	RCE	2	7039	27.22
52045	212006	5/17/2012	RCE	Pit Run	7040	RCE	1	7040	15.71
52046	212006	5/17/2012	RCE	Pit Run	7041	RCE	2	7041	29.64
52047	212006	5/17/2012	RCE	Pit Run	7042	RCE	1	7042	16.35
52048	212006	5/17/2012	RCE	Pit Run	7043	RCE	2	7043	25.09
52018	212006	5/18/2012	RCE	Pit Run	7045	RCE	2	7045	27.53
52019	212006	5/18/2012	RCE	Pit Run	7047	RCE	2	7047	29.64
52020	212006	5/18/2012	RCE	Pit Run	7048	RCE	2	7048	29.14
				Pit Run Total					**5615.23**
51162	212006	4/25/2012	Ellensburg Cement	CSBC	320619	Ellensburg Cement	RC9	320619	15.29
51161	212006	4/25/2012	Ellensburg Cement	CSBC	320623	Ellensburg Cement	RC9	320623	14.56
52433	212006	4/26/2012	Ellensburg Cement	CSBC	320651	Reecer Creek	1	320651	11.88
51735	212006	5/3/2012	Reecer Creek	CSBC	6472	Reecer Creek	1	6472	15.52
52210	212006	5/17/2012	Ellensburg Cement	CSBC	321767	Reecer Creek	9	321767	17.94
52208	212006	5/17/2012	Ellensburg Cement	CSBC	321758	Reecer Creek	9	321758	16.91
52207	212006	5/17/2012	Ellensburg Cement	CSBC	321756	Reecer Creek	9	321756	16.64
52205	212006	5/17/2012	Ellensburg Cement	CSBC	321737	Reecer Creek	9	321737	16.76
52204	212006	5/17/2012	Ellensburg Cement	CSBC	321729	Reecer Creek	9	321721	19.17
52206	212006	5/17/2012	Ellensburg Cement	CSBC	321749	Reecer Creek	9	321749	16.90
52203	212006	5/17/2012	Ellensburg Cement	CSBC	321721	Reecer Creek	9	321721	17.41
52209	212006	5/17/2012	Ellensburg Cement	CSBC	321762	Reecer Creek	9	321762	14.99
52008	212006	5/18/2012	Ellensburg Cement	CSBC	321816	Clearcreek	44	6004	17.72
52014	212006	5/18/2012	Ellensburg Cement	CSBC	321812	Reecer Creek	2	321812	28.42
52013	212006	5/18/2012	Ellensburg Cement	CSBC	321808	Reecer Creek	2	321808	27.20
52011	212006	5/18/2012	Ellensburg Cement	CSBC	321798	Reecer Creek	2	621798	27.48
52007	212006	5/18/2012	Ellensburg Cement	CSBC	321813	Clearcreek	44	6004	17.81
52006	212006	5/18/2012	Ellensburg Cement	CSBC	321809	Clearcreek	44	6004	16.52
52005	212006	5/18/2012	Ellensburg Cement	CSBC	321805	Clearcreek	44	6004	16.30

52004	212006	5/18/2012	Ellensburg Cement	CSBC	321799	Clearcreek	44	6004	16.56	
52003	212006	5/18/2012	Ellensburg Cement	CSBC	321794	Clearcreek	44	6004	17.27	
52002	212006	5/18/2012	Ellensburg Cement	CSBC	321792	Clearcreek	44	6004	18.02	
52001	212006	5/18/2012	Ellensburg Cement	CSBC	321790	Clearcreek	44	6004	17.74	
52000	212006	5/18/2012	Ellensburg Cement	CSBC	321782	Clearcreek	44	6004	17.69	
51999	212006	5/18/2012	Ellensburg Cement	CSBC	321779	Clearcreek	44	6004	18.03	
52012	212006	5/18/2012	Ellensburg Cement	CSBC	321802	Reecer Creek	2	321802	26.63	
52010	212006	5/18/2012	Ellensburg Cement	CSBC	321823	Clearcreek	44	6004	17.48	
52009	212006	5/18/2012	Ellensburg Cement	CSBC	321819	Clearcreek	44	6004	16.97	
				CSBC Total					**511.81**	
51998	212006	5/18/2012	Ellensburg Cement	CSTC	321826	Clearcreek	44	6004	18.32	
				CSTC Total					**18.32**	
52367	212006	4/19/2012	Hobermans	Waste Concrete	1133	Reecer Creek	2	1133		2
52366	212006	4/23/2012	Hobermans	Waste Concrete	1533	Reecer Creek	2	1533		3
52365	212006	4/24/2012	Hobermans	Waste Concrete	1534	Reecer Creek	2	1534		2
52364	212006	4/24/2012	Hobermans	Waste Concrete	1134	Reecer Creek	2	1134		2
52362	212006	4/25/2012	Hobermans	Waste Concrete	1536	Reecer Creek	9	1536		12
52363	212006	4/25/2012	Hobermans	Waste Concrete	1535	Reecer Creek	2	1535		12
52375	212006	5/17/2012	Habermans	Waste Concrete	1587	Reecer Creek	9	1587		1
52360	212006	5/18/2012	Hobermans	Waste Concrete	1136	Reecer Creek	2	1136		12
52374	212006	5/18/2012	Habermans	Waste Concrete	1588	Reecer Creek	2	1588		12
				Waste Concrete Total						**58**
52321	212006	5/25/2012	Ellensburg Cement Products	Asphalt	137591	Ellensburg Cement	24588	137591		12
52307	212006	5/30/2012	Ellensburg Cement Product	Asphalt	322156	Precision Paving	PP55	322163	14.83	12
52306	212006	5/30/2012	Ellensburg Cement Product	Asphalt	322163	Precision Paving	PP55	322163	14.86	12
				Asphalt Total					**29.69**	**36**

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 658981

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REESER
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006-40

	Time	Scale	Operator	Inbound		
In	04/27/2012 08:01:26	Inbound	cmorris		Gross	97720 lb
Out	04/27/2012 08:09:54	Outbound	cmorris		Tare	40120 lb
					Net	57600 lb
					Tons	28.80

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.80	Tons	19.00	19.70	$547.20	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.80	Tons	2.47		$71.14	KITTITAS

Total Tax $19.70
Total Ticket $638.04

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658982

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REESER
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006.40

	Time	Scale	Operator	Inbound		
In	04/27/2012 08:02:22	Inbound	cmorris		Gross	96900 lb
Out	04/27/2012 08:13:43	Outbound	cmorris		Tare	38600 lb
					Net	58300 lb
					Tons	29.15

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.15	Tons	19.00	19.94	$553.85	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.15	Tons	2.47		$72.00	KITTITAS

Total Tax $19.94
Total Ticket $645.79

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659019

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006.40

	Time	Scale	Operator	Inbound		
In	04/27/2012 11:42:57	Inbound	cmorris		Gross	97940 lb
Out	04/27/2012 11:55:22	Outbound	cmorris		Tare	39760 lb
					Net	58180 lb
					Tons	29.09

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.09	Tons	19.00	19.90	$552.71	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.09	Tons	2.47		$71.85	KITTITAS

Total Tax $19.90
Total Ticket $644.46

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659028

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006.40

	Time	Scale	Operator			
In	04/27/2012 12:41:44	Inbound	cmorris	Inbound	Gross	94640 lb
Out	04/27/2012 12:58:04	Outbound	cmorris		Tare	38280 lb
					Net	56360 lb
					Tons	28.18

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.18	Tons	19.00	19.28	$535.42	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.18	Tons	2.47		$69.60	KITTITAS

Total Tax $19.28
Total Ticket $624.30

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 658951

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/26/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006.40

	Time	Scale	Operator			
In	04/26/2012 12:22:50	Inbound	cmorris	Inbound	Gross	96220 lb
Out	04/26/2012 12:40:45	Outbound	cmorris		Tare	38380 lb
					Net	57840 lb
					Tons	28.92

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.92	Tons	19.00	19.78	$549.48	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.92	Tons	2.47		$71.43	KITTITAS

Driver's Signature

Total Tax $19.78
Total Ticket $640.69

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658949

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/26/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006.4D

	Time	Scale	Operator
In	04/26/2012 12:11:46	Inbound	cmorris
Out	04/26/2012 12:28:29	Outbound	cmorris

Inbound	
Gross	96460 lb
Tare	39840 lb
Net	56620 lb
Tons	28.31

Comments

I acknowledge I have no hazardous materials.

POSTED
APR 27 2012

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.31	Tons	19.00	19.36	$537.89	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.31	Tons	2.47		$69.93	KITTITAS

Driver's Signature Sam P

Total Tax $19.36
Total Ticket $627.18

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658911

212006.40

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/26/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/26/2012 08:05:14	Inbound	cmorris		Gross	97780 lb
Out	04/26/2012 08:29:57	Outbound	cmorris		Tare	38880 lb
					Net	58900 lb
					Tons	29.45

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.45	Tons	19.00	20.14	$559.55	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.45	Tons	2.47		$72.74	KITTITAS

Total Tax $20.14
Total Ticket $652.43

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658910

212006.40

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/26/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	04/26/2012 08:03:15	Inbound	cmorris
Out	04/26/2012 08:24:32	Outbound	cmorris

Inbound

Gross	98400 lb
Tare	40080 lb
Net	58320 lb
Tons	29.16

Comments

POSTED
APR 27 2012

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.16	Tons	19.00	19.95	$554.04	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.16	Tons	2.47		$72.03	KITTITAS

Total Tax $19.95
Total Ticket $646.02

Driver's Signature

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659735

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/07/2012 15:19:50	Inbound	cmorris		Gross	98500 lb
Out	05/07/2012 15:33:32	Outbound	cmorris		Tare	39480 lb
					Net	59020 lb
					Tons	29.51

Comments

I acknowledge I have no hazardous materials

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.51	Tons	19.00	20.18	$560.69	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.51	Tons	1.14		$33.64	KITTITAS

Total Tax $20.18
Total Ticket $614.51

Driver's Signature

205 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659551

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 113
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/04/2012 09:44:53	Inbound	cmorris	
Out	05/04/2012 10:06:47	Outbound	cmorris	

Gross	97740 lb
Tare	35080 lb
Net	62660 lb
Tons	31.33

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.33	Tons	19.00	21.43	$595.27	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.33	Tons	1.14		$35.72	KITTITAS

Don B

Total Tax	$21.43
Total Ticket	$652.42

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659553

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 09:49:02	Inbound	cmorris		Gross	95340 lb
Out	05/04/2012 10:09:14	Outbound	cmorris		Tare	34940 lb
					Net	60400 lb
					Tons	30.20

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.20	Tons	19.00	20.66	$573.80	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.20	Tons	1.14		$34.43	KITTITAS

Total Tax $20.66
Total Ticket $628.89

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659554

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 09:49:38	Inbound	cmorris		Gross	107000 lb
Out	05/04/2012 10:05:06	Outbound	cmorris		Tare	36360 lb
					Net	70640 lb
					Tons	35.32

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.32	Tons	19.00	24.16	$671.08	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.32	Tons	1.14		$40.26	KITTITAS

Total Tax $24.16
Total Ticket $735.50

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659467

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/03/2012 12:04:54	Inbound	cmorris
Out	05/03/2012 12:22:59	Outbound	cmorris

Inbound

Gross	100160 lb
Tare	39780 lb
Net	60380 lb
Tons	30.19

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.19	Tons	19.00	20.65	$573.61	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.19	Tons	1.14		$34.42	KITTITAS

Total Tax $20.65
Total Ticket $628.68

Driver's Signature Larry P

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659410

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/03/2012 08:04:42	Inbound	cmorris		Gross	99720 lb
Out	05/03/2012 08:16:16	Outbound	cmorris		Tare	39900 lb
					Net	59820 lb
					Tons	29.91

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.91	Tons	19.00	20.46	$568.29	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.91	Tons	1.14		$34.10	KITTITAS

Total Tax $20.46
Total Ticket $622.85

Driver's Signature Tony G

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659431

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/03/2012 09:50:48	Inbound	cmorris	Inbound	Gross	92720 lb
Out	05/03/2012 10:13:30	Outbound	cmorris		Tare	35100 lb
					Net	57620 lb
					Tons	28.81

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.81	Tons	19.00	19.71	$547.39	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.81	Tons	1.14		$32.84	KITTITAS

Don B

Total Tax $19.71
Total Ticket $599.94

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659432

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/03/2012 09:51:29	Inbound	cmorris		Gross	97860 lb
Out	05/03/2012 10:12:21	Outbound	cmorris		Tare	35400 lb
					Net	62460 lb
					Tons	31.23

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.23	Tons	19.00	21.36	$593.37	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.23	Tons	1.14		$35.60	KITTITAS

Total Tax $21.36
Total Ticket $650.33

Driver's Signature Zach Bellinger

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659433

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/03/2012 09:52:05	Inbound	cmorris	Inbound	Gross	95600 lb
Out	05/03/2012 10:10:41	Outbound	cmorris		Tare	34980 lb
					Net	60620 lb
					Tons	30.31

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.31	Tons	19.00	20.73	$575.89	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.31	Tons	1.14		$34.55	KITTITAS

Driver's Signature

Total Tax $20.73
Total Ticket $631.17

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802

Original
Ticket# 659434

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/03/2012 09:52:41	Inbound	cmorris	Inbound	Gross	103020 lb
Out	05/03/2012 10:09:32	Outbound	cmorris		Tare	36440 lb
					Net	66580 lb
					Tons	33.29

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.29	Tons	19.00	22.77	$632.51	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.29	Tons	1.14		$37.95	KITTITAS

Total Tax $22.77
Total Ticket $693.23

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802

Original
Ticket# 659489

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/03/2012 14:32:36	Inbound	cmorris	
Out	05/03/2012 14:57:06	Outbound	cmorris	

Gross	96000 lb
Tare	35060 lb
Net	60940 lb
Tons	30.47

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.47	Tons	19.00	20.84	$578.93	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.47	Tons	1.14		$34.74	KITTITAS

Total Tax $20.84
Total Ticket $634.51

Driver's Signature Zach Biller

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659491

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/03/2012 14:34:12	Inbound	cmorris	
Out	05/03/2012 14:59:39	Outbound	cmorris	

Gross	95480 lb
Tare	34700 lb
Net	60780 lb
Tons	30.39

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.39	Tons	19.00	20.79	$577.41	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.39	Tons	1.14		$34.64	KITTITAS

Total Tax	$20.79
Total Ticket	$632.84

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659492

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/03/2012 14:34:46	Inbound	cmorris	Inbound	Gross	96060 lb
Out	05/03/2012 15:02:26	Outbound	cmorris		Tare	34840 lb
					Net	61220 lb
					Tons	30.61

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.61	Tons	19.00	20.94	$581.59	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.61	Tons	1.14		$34.90	KITTITAS

Don B

Driver's Signature

Total Tax $20.94
Total Ticket $637.43

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659493

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/03/2012 14:35:30	Inbound	cmorris	Inbound	Gross	102400 lb
Out	05/03/2012 15:00:56	Outbound	cmorris		Tare	36020 lb
					Net	66380 lb
					Tons	33.19

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.19	Tons	19.00	22.70	$630.61	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.19	Tons	1.14		$37.84	KITTITAS

Driver's Signature

Total Tax $22.70
Total Ticket $691.15

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659338

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/02/2012 10:52:52	Inbound	cmorris		Gross	100520 lb
Out	05/02/2012 11:21:38	Outbound	cmorris		Tare	39780 lb
					Net	60740 lb
					Tons	30.37

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.37	Tons	19.00	20.77	$577.03	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.37	Tons	2.47		$75.01	KITTITAS

Total Tax $20.77
Total Ticket $672.81

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659342

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/02/2012 11:02:58	Inbound	cmorris	Inbound	Gross	97380 lb
Out	05/02/2012 11:23:00	Outbound	cmorris		Tare	38460 lb
					Net	58920 lb
					Tons	29.46

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.46	Tons	19.00	20.15	$559.74	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.46	Tons	2.47		$72.77	KITTITAS

Driver's Signature

Total Tax $20.15
Total Ticket $652.66

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659381

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/02/2012 14:53:27	Inbound	cmorris	Inbound	Gross	99120 lb
Out	05/02/2012 15:14:38	Outbound	cmorris		Tare	38240 lb
					Net	60880 lb
					Tons	30.44

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.44	Tons	19.00	20.82	$578.36	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.44	Tons	2.47		$75.19	KITTITAS

Driver's Signature

Total Tax $20.82
Total Ticket $674.37

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659330

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/02/2012 10:15:23	Inbound	cmorris	
Out	05/02/2012 10:33:39	Outbound	cmorris	

Gross	98000 lb
Tare	34860 lb
Net	63140 lb
Tons	31.57

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.57	Tons	19.00	21.59	$599.83	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.57	Tons	2.47		$77.98	KITTITAS

Total Tax $21.59
Total Ticket $699.40

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original 212006
Ticket# 659331

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/02/2012 10:16:09	Inbound	cmorris		Gross	94200 lb
Out	05/02/2012 10:34:49	Outbound	cmorris		Tare	35040 lb
					Net	59160 lb
					Tons	29.58

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.58	Tons	19.00	20.23	$562.02	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.58	Tons	2.47		$73.06	KITTITAS

Don B

Total Tax $20.23
Total Ticket $655.31

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 659332

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/02/2012 10:16:49	Inbound	cmorris	
Out	05/02/2012 10:32:13	Outbound	cmorris	

Gross	108260 lb
Tare	36220 lb
Net	72040 lb
Tons	36.02

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	36.02	Tons	19.00	24.64	$684.38	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	36.02	Tons	2.47		$88.97	KITTITAS

Total Tax $24.64
Total Ticket $797.99

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original 212006
Ticket# 659334

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/02/2012 10:19:05	Inbound	cmorris		Gross	99300 lb
Out	05/02/2012 10:37:57	Outbound	cmorris		Tare	35220 lb
					Net	64080 lb
					Tons	32.04

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.04	Tons	19.00	21.92	$608.76	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.04	Tons	2.47		$79.14	KITTITAS

Total Tax $21.92
Total Ticket $709.82

Driver's Signature Zach Biller

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 659387

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/02/2012 15:05:35	Inbound	cmorris		Gross	100160 lb
Out	05/02/2012 15:22:41	Outbound	cmorris		Tare	35980 lb
					Net	64180 lb
					Tons	32.09

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.09	Tons	19.00	21.95	$609.71	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.09	Tons	2.47		$79.26	KITTITAS

Total Tax $21.95
Total Ticket $710.92

Driver's Signature

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659388

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/02/2012 15:06:24	Inbound	cmorris		Gross	98700 lb
Out	05/02/2012 15:25:28	Outbound	cmorris		Tare	34920 lb
					Net	63780 lb
					Tons	31.89

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.89	Tons	19.00	21.81	$605.91	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.89	Tons	2.47		$78.77	KITTITAS

Total Tax $21.81
Total Ticket $706.49

Driver's Signature
203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659390

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/02/2012 15:08:31	Inbound	cmorris
Out	05/02/2012 15:28:12	Outbound	cmorris

Inbound	
Gross	96500 lb
Tare	34920 lb
Net	61580 lb
Tons	30.79

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.79	Tons	19.00	21.06	$585.01	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.79	Tons	2.47		$76.05	KITTITAS

Total Tax $21.06
Total Ticket $682.12

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 659391

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/02/2012 15:09:11	Inbound	cmorris
Out	05/02/2012 15:24:08	Outbound	cmorris

Inbound	
Gross	96520 lb
Tare	34600 lb
Net	61920 lb
Tons	30.96

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.96	Tons	19.00	21.18	$588.24	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.96	Tons	2.47		$76.47	KITTITAS

Total Tax $21.18
Total Ticket $685.89

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659194

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator			
In	05/01/2012 09:17:54	Inbound	cmorris	Inbound	Gross	102420 lb
Out	05/01/2012 09:42:11	Outbound	cmorris		Tare	40760 lb
					Net	61660 lb
					Tons	30.83

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.83	Tons	19.00	21.09	$585.77	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.83	Tons	2.47		$76.15	KITTITAS

Driver's Signature

203 WM

Total Tax $21.09
Total Ticket $683.01

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 659268

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume
212006

	Time	Scale	Operator	Inbound		
In	05/01/2012 13:32:53	Inbound	cmorris		Gross	100720 lb
Out	05/01/2012 14:03:06	Outbound	cmorris		Tare	40440 lb
					Net	60280 lb
					Tons	30.14

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

212006

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.14	Tons	19.00	20.62	$572.66	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.14	Tons	2.47		$74.45	KITTITAS

212006

Total Tax $20.62
Total Ticket $667.73

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659185

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/01/2012 08:04:30	Inbound	cmorris
Out	05/01/2012 08:32:22	Outbound	cmorris

Inbound

Gross	97120 lb
Tare	38520 lb
Net	58600 lb
Tons	29.30

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.30	Tons	19.00	20.04	$556.70	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.30	Tons	2.47		$72.37	KITTITAS

Scott Reddell

Total Tax $20.04
Total Ticket $649.11

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659214

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/01/2012 10:27:57	Inbound	cmorris
Out	05/01/2012 10:43:13	Outbound	cmorris

Inbound

Gross	98540 lb
Tare	39840 lb
Net	58700 lb
Tons	29.35

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.35	Tons	19.00	20.08	$557.65	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.35	Tons	2.47		$72.49	KITTITAS

Total Tax $20.08
Total Ticket $650.22

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659261

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/01/2012 12:48:41	Inbound	cmorris		Gross	95340 lb
Out	05/01/2012 13:08:38	Outbound	cmorris		Tare	38300 lb
					Net	57040 lb
					Tons	28.52

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.52	Tons	19.00	19.51	$541.88	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.52	Tons	2.47		$70.44	KITTITAS

Total Tax $19.51
Total Ticket $631.83

Driver's Signature Scott Reddle

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659282

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/01/2012 14:43:41	Inbound	cmorris		Gross	97960 lb
Out	05/01/2012 14:57:57	Outbound	cmorris		Tare	39600 lb
					Net	58360 lb
					Tons	29.18

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.18	Tons	19.00	19.96	$554.42	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.18	Tons	2.47		$72.07	KITTITAS

Total Tax $19.96
Total Ticket $646.45

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659205

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/01/2012 10:14:15	Inbound	cmorris	Inbound	Gross	104640 lb
Out	05/01/2012 10:36:05	Outbound	cmorris		Tare	36420 lb
					Net	68220 lb
					Tons	34.11

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.11	Tons	19.00	23.33	$648.09	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	34.11	Tons	2.47		$84.25	KITTITAS

Total Tax $23.33
Total Ticket $755.67

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659206

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/01/2012 10:15:36	Inbound	cmorris		Gross	93120 lb
Out	05/01/2012 10:38:44	Outbound	cmorris		Tare	35000 lb
					Net	58120 lb
					Tons	29.06

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.06	Tons	19.00	19.88	$552.14	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.06	Tons	2.47		$71.78	KITTITAS

Total Tax $19.88
Total Ticket $643.80

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659207

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/01/2012 10:16:15	Inbound	cmorris		Gross	92620 lb
Out	05/01/2012 10:37:28	Outbound	cmorris		Tare	35000 lb
					Net	57620 lb
					Tons	28.81

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.81	Tons	19.00	19.71	$547.39	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.81	Tons	2.47		$71.16	KITTITAS

Don B

Total Tax $19.71
Total Ticket $638.26

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659210

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/01/2012 10:18:45	Inbound	cmorris		Gross	98940 lb
Out	05/01/2012 10:39:46	Outbound	cmorris		Tare	35100 lb
					Net	63840 lb
					Tons	31.92

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.92	Tons	19.00	21.83	$606.48	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.92	Tons	2.47		$78.84	KITTITAS

Total Tax $21.83
Total Ticket $707.15

Driver's Signature Zack Billen

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659284

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/01/2012 14:55:57	Inbound	cmorris
Out	05/01/2012 15:13:18	Outbound	cmorris

Inbound	
Gross	101880 lb
Tare	36020 lb
Net	65860 lb
Tons	32.93

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.93	Tons	19.00	22.52	$625.67	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.93	Tons	2.47		$81.34	

Total Tax $22.52
Total Ticket $729.53

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659285

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/01/2012 14:57:24	Inbound	cmorris	
Out	05/01/2012 15:14:38	Outbound	cmorris	

Gross	95520 lb
Tare	34720 lb
Net	60800 lb
Tons	30.40

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.40	Tons	19.00	20.79	$577.60	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.40	Tons	2.47		$75.09	KITTITAS

Total Tax	$20.79
Total Ticket	$673.48

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659286

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/01/2012 14:58:13	Inbound	cmorris	
Out	05/01/2012 15:15:49	Outbound	cmorris	

Gross	96980 lb
Tare	34840 lb
Net	62140 lb
Tons	31.07

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.07	Tons	19.00	21.25	$590.33	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.07	Tons	2.47		$76.74	KITTITAS

Doug B.

Total Tax	$21.25
Total Ticket	$688.32

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659287

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/01/2012 14:59:59	Inbound	cmorris
Out	05/01/2012 15:22:47	Outbound	cmorris

Inbound	
Gross	94620 lb
Tare	34880 lb
Net	59740 lb
Tons	29.87

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.87	Tons	19.00	20.43	$567.53	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.87	Tons	2.47		$73.78	KITTITAS

Total Tax $20.43
Total Ticket $661.74

Driver's Signature Zach Beeme

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659089

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	04/30/2012 10:19:30	Inbound	cmorris	Inbound	Gross	100760 lb
Out	04/30/2012 10:53:33	Outbound	cmorris		Tare	40620 lb
					Net	60140 lb
					Tons	30.07

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.07	Tons	19.00	20.57	$571.33	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.07	Tons	2.47		$74.27	KITTITAS

Driver's Signature

203 WM

Total Tax $20.57
Total Ticket $666.17

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659161

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator			
In	04/30/2012 15:15:18	Inbound	cmorris	Inbound	Gross	97960 lb
Out	04/30/2012 15:54:04	Outbound	kirk		Tare	40780 lb
					Net	57180 lb
					Tons	28.59

Comments

212006

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.59	Tons	19.00	19.56	$543.21	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.59	Tons	2.47		$70.62	KITTITAS

Driver's Signature

Total Tax $19.56
Total Ticket $633.39

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659167

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	04/30/2012 15:33:34	Inbound	kirk	Inbound	Gross	97680 lb
Out	04/30/2012 15:44:32	Outbound	kirk		Tare	39700 lb
					Net	57980 lb
					Tons	28.99

Comments

I acknowledge I have no hazardous materials.

212006

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.99	Tons	19.00	19.83	$550.81	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.99	Tons	2.47		$71.61	KITTITAS

Driver's Signature

Total Tax $19.83
Total Ticket $642.25

212006

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659099

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator			
In	04/30/2012 10:54:50	Inbound	cmorris	Inbound	Gross	98180 lb
Out	04/30/2012 11:08:12	Outbound	cmorris		Tare	34840 lb
					Net	63340 lb
					Tons	31.67

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.67	Tons	19.00	21.66	$601.73	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.67	Tons	2.47		$78.22	KITTITAS

Driver's Signature

Total Tax $21.66
Total Ticket $701.61

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659104

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	04/30/2012 11:12:20	Inbound	cmorris	Inbound	Gross	100160 lb*
Out	04/30/2012 11:12:43	Outbound	cmorris		Tare	36120 lb
					Net	64040 lb
					Tons	32.02

Comments

* Manual Weight

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.02	Tons	19.00	21.90	$608.38	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.02	Tons	2.47		$79.09	KITTITAS

Driver's Signature

Total Tax $21.90
Total Ticket $709.37

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659169

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	04/30/2012 15:48:19	Inbound	kirk	Inbound	Gross	96260 lb
Out	04/30/2012 16:02:36	Outbound	kirk		Tare	36440 lb
					Net	59820 lb
					Tons	29.91

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.91	Tons	19.00	20.46	$568.29	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.91	Tons	2.47		$73.88	KITTITAS

Driver's Signature Chuck D

Total Tax $20.46
Total Ticket $662.63

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659170

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 15:49:20	Inbound	kirk		Gross	97020 lb
Out	04/30/2012 16:05:36	Outbound	kirk		Tare	34800 lb
					Net	62220 lb
					Tons	31.11

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.11	Tons	19.00	21.28	$591.09	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.11	Tons	2.47		$76.84	KITTITAS

Driver's Signature

Total Tax $21.28
Total Ticket $689.21

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659062

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 08:01:35	Inbound	cmorris		Gross	98160 lb
Out	04/30/2012 08:11:19	Outbound	cmorris		Tare	39580 lb
					Net	58580 lb
					Tons	29.29

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.29	Tons	19.00	20.03	$556.51	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.29	Tons	2.47		$72.35	KITTITAS

Total Tax $20.03
Total Ticket $648.89

Driver's Signature

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659064

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 01
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 08:05:43	Inbound	cmorris		Gross	96740 lb
Out	04/30/2012 08:17:25	Outbound	cmorris		Tare	38520 lb
					Net	58220 lb
					Tons	29.11

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.11	Tons	19.00	19.91	$553.09	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.11	Tons	2.47		$71.90	KITTITAS

Total Tax $19.91
Total Ticket $644.90

Driver's Signature

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659113

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 11:45:51	Inbound	cmorris		Gross	94320 lb
Out	04/30/2012 11:58:42	Outbound	cmorris		Tare	39860 lb
					Net	54460 lb
					Tons	27.23

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.23	Tons	19.00	18.63	$517.37	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	27.23	Tons	2.47		$67.26	KITTITAS

Total Tax $18.63
Total Ticket $603.26

Driver's Signature

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Original
Ticket# 659134

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 01
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 12:44:35	Inbound	cmorris		Gross	92420 lb
Out	04/30/2012 13:05:22	Outbound	cmorris		Tare	38300 lb
					Net	54120 lb
					Tons	27.06

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.06	Tons	19.00	18.51	$514.14	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	27.06	Tons	2.47		$66.84	KITTITAS

Total Tax $18.51
Total Ticket $599.49

Driver's Signature Scott Riddle

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660188

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator	Inbound	
In	05/11/2012 11:57:57	Inbound	cmorris		
Out	05/11/2012 12:19:11	Outbound	cmorris		

* Manual Weight

Gross	97620 lb*
Tare	39560 lb
Net	58060 lb
Tons	29.03

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.03	Tons	19.00	19.86	$551.57	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.03	Tons	1.14		$33.09	KITTITAS

Total Tax $19.86
Total Ticket $604.52

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660113

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator		
In	05/11/2012 08:03:26	Inbound	cmorris	Inbound	Gross 99020 lb
Out	05/11/2012 08:13:11	Outbound	cmorris		Tare 39860 lb
					Net 59160 lb
					Tons 29.58

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.58	Tons	19.00	20.23	$562.02	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.58	Tons	1.14		$33.72	KITTITAS

Driver's Signature

Total Tax $20.23
Total Ticket $615.97

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660132

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 08:18:34	Inbound	[illegible]		Gross	107200 lb
Out	05/11/2012 08:45:27	Outbound	[illegible]		Tare	34960 lb
					Net	72240 lb
					Tons	36.12

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	36.12	Tons	19.00	24.71	$686.28	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	36.12	Tons	1.14		$41.18	KITTITAS

Total Tax $24.71
Total Ticket $752.17

Driver's Signature Zul Beiber

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660133

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 08:19:29	Inbound	cmc		Gross	106020 lb
Out	05/11/2012 08:44:12	Outbound	cmc		Tare	36300 lb
					Net	69720 lb
					Tons	34.86

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.86	Tons	19.00	23.84	$662.34	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.86	Tons	1.14		$39.74	KITTITAS

Total Tax $23.84
Total Ticket $725.92

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 660134

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 08:19:57	Inbound	cmorris		Gross	99020 lb
Out	05/11/2012 08:46:40	Outbound	cmorris		Tare	34900 lb
					Net	64120 lb
					Tons	32.06

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.06	Tons	19.00	21.93	$609.14	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.06	Tons	1.14		$36.55	KITTITAS

Total Tax $21.93
Total Ticket $667.62

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 660040

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/10/2012 10:40:38	Inbound	cmorris		Gross	100860 lb
Out	05/10/2012 10:53:43	Outbound	cmorris		Tare	34840 lb
					Net	66020 lb
					Tons	33.01

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.01	Tons	19.00	22.58	$627.19	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.01	Tons	1.14		$37.63	KITTITAS

Total Tax $22.58
Total Ticket $687.40

Driver's Signature
203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660041

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/10/2012 10:41:14	Inbound	cmorris		Gross	110500 lb
Out	05/10/2012 10:52:34	Outbound	cmorris		Tare	36160 lb
					Net	74340 lb
					Tons	37.17

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	37.17	Tons	19.00	25.42	$706.23	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	37.17	Tons	1.14		$42.37	KITTITAS

Total Tax $25.42
Total Ticket $774.02

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660043

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	05/10/2012 10:42:35	Inbound	cmorris	Inbound	Gross 92060 lb
Out	05/10/2012 10:56:09	Outbound	cmorris		Tare 34880 lb
					Net 57180 lb
					Tons 28.59

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.59	Tons	19.00	19.56	$543.21	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.59	Tons	1.14		$32.59	KITTITAS

Driver's Signature

Total Tax $19.56
Total Ticket $595.36

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660044

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/10/2012 10:43:12	Inbound	cmorris		Gross	99540 lb
Out	05/10/2012 10:58:23	Outbound	cmorris		Tare	35260 lb
					Net	64280 lb
					Tons	32.14

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.14	Tons	19.00	21.98	$610.66	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.14	Tons	1.14		$36.64	KITTITAS

Driver's Signature

Total Tax $21.98
Total Ticket $669.28

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660089

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326 212006
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/10/2012 14:51:42	Inbound	cmorris		Gross	96300 lb
Out	05/10/2012 15:05:56	Outbound	cmorris		Tare	34520 lb
					Net	61780 lb
					Tons	30.89

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.89	Tons	19.00	21.13	$586.91	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.89	Tons	1.14		$35.21	KITTITAS

Driver's Signature

Total Tax $21.13
Total Ticket $643.25

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660090

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/10/2012 14:52:26	Inbound	cmorris		Gross	110860 lb
Out	05/10/2012 15:03:23	Outbound	cmorris		Tare	35800 lb
					Net	75060 lb
					Tons	37.53

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	37.53	Tons	19.00	25.67	$713.07	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	37.53	Tons	1.14		$42.78	KITTITAS

Total Tax $25.67
Total Ticket $781.52

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660091

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator			
In	05/10/2012 14:53:21	Inbound	cmorris	Inbound	Gross	100300 lb
Out	05/10/2012 15:08:32	Outbound	cmorris		Tare	34560 lb
					Net	65740 lb
					Tons	32.87

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.87	Tons	19.00	22.48	$624.53	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.87	Tons	1.14		$37.47	KITTITAS

Total Tax $22.48
Total Ticket $684.48

Driver's Signature Bob Bieber

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660035

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/10/2012 10:10:13	Inbound	cmartin		Gross	117080 lb
Out	05/10/2012 10:46:36	Outbound	cmartin		Tare	41140 lb
					Net	75940 lb
					Tons	37.97

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	37.97	Tons	19.00	25.97	$721.43	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	37.97	Tons	1.14		$43.29	KITTITAS

Total Tax $25.97
Total Ticket $790.69

Driver's Signature

203 WM

212006

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660009

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/10/2012 08:04:40	Inbound	[illegible]	Inbound	Gross	101560 lb
Out	05/10/2012 08:16:51	Outbound	[illegible]		Tare	39840 lb
					Net	61720 lb
					Tons	30.86

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.86	Tons	19.00	21.11	$586.34	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.86	Tons	1.14		$35.18	KITTITAS

Driver's Signature

Total Tax $21.11
Total Ticket $642.63

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660037

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/10/2012 10:27:26	Inbound	cmorris	
Out	05/10/2012 10:45:15	Outbound	cmorris	

Gross	94580 lb
Tare	38340 lb
Net	56240 lb
Tons	28.12

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.12	Tons	19.00	19.23	$534.28	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.12	Tons	1.14		$32.06	KITTITAS

Driver's Signature

Total Tax	$19.23
Total Ticket	$585.57

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 660071

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/10/2012 12:18:12	Inbound	[illegible]		Gross	99300 lb
Out	05/10/2012 12:41:58	Outbound	[illegible]		Tare	39800 lb
					Net	59500 lb
					Tons	29.75

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.75	Tons	19.00	20.35	$565.25	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.75	Tons	1.14		$33.92	KITTITAS

Total Tax $20.35
Total Ticket $619.52

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 660083

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/10/2012 14:15:08	Inbound	cmorris		Gross	96280 lb
Out	05/10/2012 14:42:57	Outbound	cmorris		Tare	38060 lb
					Net	58220 lb
					Tons	29.11

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.11	Tons	19.00	19.91	$553.09	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.11	Tons	1.14		$33.19	KITTITAS

Total Tax $19.91
Total Ticket $606.19

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659455

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator	Inbound		
In	05/03/2012 11:23:54	Inbound	cmorris		Gross	93280 lb
Out	05/03/2012 11:55:16	Outbound	cmorris		Tare	38680 lb
					Net	54600 lb
					Tons	27.30

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.30	Tons	19.00	18.67	$518.70	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	27.30	Tons	1.14		$31.12	KITTITAS

Scott Reddle

Driver's Signature

Total Tax $18.67
Total Ticket $568.49

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659523

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator
In	05/04/2012 08:07:20	Inbound	cmorris
Out	05/04/2012 08:20:42	Outbound	cmorris

Inbound

Gross	99140 lb
Tare	38480 lb
Net	60660 lb
Tons	30.33

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.33	Tons	19.00	20.75	$576.27	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.33	Tons	1.14		$34.58	KITTITAS

Total Tax $20.75
Total Ticket $631.60

Driver's Signature Scott Reddle

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659592

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/04/2012 12:20:57	Inbound	cmorris		Gross	96920 lb
Out	05/04/2012 12:48:36	Outbound	cmorris		Tare	38320 lb
					Net	58600 lb
					Tons	29.30

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.30	Tons	19.00	20.04	$556.70	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.30	Tons	1.14		$33.40	KITTITAS

Driver's Signature Scott Reddell

Total Tax $20.04
Total Ticket $610.14

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659933

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/09/2012 11:08:42	Inbound	cmorris	Inbound	Gross	102060 lb
Out	05/09/2012 11:21:38	Outbound	cmorris		Tare	36260 lb
					Net	65800 lb
					Tons	32.90

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.90	Tons	19.00	22.50	$625.10	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.90	Tons	1.14		$37.51	KITTITAS

Total Tax $22.50
Total Ticket $685.11

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659935

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/09/2012 11:09:58	[illegible]	[illegible]		Gross	98880 lb
Out	05/09/2012 11:22:56	[illegible]	[illegible]		Tare	34860 lb
					Net	64020 lb
					Tons	32.01

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.01	Tons	19.00	21.89	$608.19	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.01	Tons	1.14		$36.49	KITTITAS

Total Tax $21.89
Total Ticket $666.57

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659936

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/09/2012 11:11:02	Inbound	[illegible]		Gross	97200 lb
Out	05/09/2012 11:24:01	Outbound	[illegible]		Tare	34840 lb
					Net	62360 lb
					Tons	31.18

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.18	Tons	19.00	21.33	$592.42	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.18	Tons	1.14		$35.55	KITTITAS

Total Tax $21.33
Total Ticket $649.30

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659937

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/09/2012 11:11:47	Inbound	cmorris	
Out	05/09/2012 11:26:14	Outbound	cmorris	

Gross	93980 lb
Tare	35260 lb
Net	58720 lb
Tons	29.36

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.36	Tons	19.00	20.08	$557.84	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.36	Tons	1.14		$33.47	KITTITAS

Total Tax $20.08
Total Ticket $611.39

Driver's Signature Zack Billm

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659986

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/09/2012 15:31:22	Inbound	CMORRIS		Gross	102800 lb
Out	05/09/2012 15:52:05	Outbound	CMORRIS		Tare	34600 lb
					Net	68200 lb
					Tons	34.10

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.10	Tons	19.00	23.32	$647.90	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.10	Tons	1.14		$38.87	KITTITAS

Total Tax $23.32
Total Ticket $710.09

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659989

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/09/2012 15:35:15	Inbound	CMORRIS		Gross	101440 lb
Out	05/09/2012 15:53:19	Outbound	CMORRIS		Tare	35840 lb
					Net	65600 lb
					Tons	32.80

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.80	Tons	19.00	22.44	$623.20	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.80	Tons	1.14		$37.39	KITTITAS

Total Tax $22.44
Total Ticket $683.03

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659990

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator	Inbound		
In	05/09/2012 15:40:40	Inbound	CMORRIS		Gross	112080 lb
Out	05/09/2012 15:54:28	Outbound	CMORRIS		Tare	34500 lb
					Net	77580 lb
					Tons	38.79

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	38.79	Tons	19.00	26.53	$737.01	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	38.79	Tons	1.14		$44.22	KITTITAS

Total Tax $26.53
Total Ticket $807.76

Driver's Signature
203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659991

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator
In	05/09/2012 15:41:15	Inbound	CMORRIS
Out	05/09/2012 16:02:16	Outbound	CMORRIS

	Inbound
Gross	97200 lb
Tare	34960 lb
Net	62240 lb
Tons	31.12

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.12	Tons	19.00	21.29	$591.28	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.12	Tons	1.14		$35.48	KITTITAS

Total Tax $21.29
Total Ticket $648.05

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Original
Ticket# 659922

Phone: (509) 884-2802

Customer Name BOEING BOEING CO
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# w1088

Carrier HORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508330
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/09/2012 10:43:48	Inbound	cmorris		Gross	92020 lb
Out	05/09/2012 11:11:57	Outbound	cmorris		Tare	40920 lb
					Net	51100 lb
					Tons	25.55

Comments

212006

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	25.55	Tons	21.00	19.32	$536.55	KING
2	TF$34.70/T-Trans Fee $34	100	25.55	Tons	34.70		$886.59	KING

Total Tax $19.32
Total Ticket $1442.46

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original 212006
Ticket# 659791

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2012 10:10:43	Inbound	cmorris		Gross	97740 lb
Out	05/08/2012 10:39:30	Outbound	cmorris		Tare	34680 lb
					Net	63060 lb
					Tons	31.53

Comments

I acknowledge I have [illegible]

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.53	Tons	19.00	21.57	$599.07	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.53	Tons	1.14		$35.94	KITTITAS

Total Tax $21.57
Total Ticket $656.58

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659794

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2012 10:16:11	Inbound	[illegible]		Gross	101300 lb
Out	05/08/2012 10:38:15	Outbound	[illegible]		Tare	35140 lb
					Net	66160 lb
					Tons	33.08

Comments

I acknowledge I have [illegible]

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.08	Tons	19.00	22.63	$628.52	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.08	Tons	1.14		$37.71	KITTITAS

Total Tax $22.63
Total Ticket $688.86

Driver's Signature Zack Burkey

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659795

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	05/08/2012 10:16:44	Inbound	[illegible]	Inbound	Gross 98940 lb
Out	05/08/2012 10:40:45	Outbound	[illegible]		Tare 34640 lb
					Net 64300 lb
					Tons 32.15

Comments

I acknowledge I have [illegible]

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.15	Tons	19.00	21.99	$610.85	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.15	Tons	1.14		$36.65	KITTITAS

Total Tax $21.99
Total Ticket $669.49

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659796

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/08/2012 10:17:23	Inbound	cmorris	
Out	05/08/2012 10:41:55	Outbound	cmorris	

Gross	104380 lb
Tare	36180 lb
Net	68200 lb
Tons	34.10

Comments

WASTE MANAGEMENT®

I acknowledge I have [illegible]

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.10	Tons	19.00	23.32	$647.90	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.10	Tons	1.14		$38.87	KITTITAS

Total Tax $23.32
Total Ticket $710.09

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659854

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2012 14:40:27	Inbound	KIRK		Gross	99440 lb*
Out	05/08/2012 14:59:52	Outbound	KIRK		Tare	34620 lb
			* Manual Weight		Net	64820 lb
					Tons	32.41

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.41	Tons	19.00	22.17	$615.79	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.41	Tons	1.14		$36.95	KITTITAS

Total Tax $22.17
Total Ticket $674.91

Driver's Signature

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659856

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/08/2012 14:42:57	Inbound	KIRK
Out	05/08/2012 15:01:17	Outbound	KIRK

Inbound

Gross	100480 lb
Tare	34440 lb
Net	66040 lb
Tons	33.02

Comments

I acknowledge I have [illegible]

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.02	Tons	19.00	22.59	$627.38	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.02	Tons	1.14		$37.64	KITTITAS

Total Tax $22.59
Total Ticket $687.61

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659857

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2012 14:43:49	Inbound	KIRK		Gross	99560 lb
Out	05/08/2012 15:08:02	Outbound	KIRK		Tare	34880 lb
					Net	64680 lb
					Tons	32.34

Comments

I acknowledge I have no hazardous material

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.34	Tons	19.00	22.12	$614.46	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.34	Tons	1.14		$36.87	KITTITAS

Total Tax $22.12
Total Ticket $673.45

Driver's Signature

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Reprint
Ticket# 659858

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2012 14:44:23	Inbound	KIRK		Gross	102760 lb
Out	05/08/2012 15:05:17	Outbound	KIRK		Tare	35800 lb
					Net	66960 lb
					Tons	33.48

Comments

I acknowledge I have no hazardous material

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.48	Tons	19.00	22.90	$636.12	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.48	Tons	1.14		$38.17	KITTITAS

Total Tax $22.90
Total Ticket $697.19

Driver's Signature

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659552

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 09:45:31	Inbound	cmorris		Gross	94040 lb
Out	05/04/2012 10:10:31	Outbound	cmorris		Tare	35280 lb
					Net	58760 lb
					Tons	29.38

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.38	Tons	19.00	20.10	$558.22	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.38	Tons	1.14		$33.49	KITTITAS

Total Tax $20.10
Total Ticket $611.81

Driver's Signature Zach Bedson

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659610

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator			
In	05/04/2012 14:24:05	Inbound	cmorris	Inbound	Gross	106140 lb
Out	05/04/2012 14:51:27	Outbound	cmorris		Tare	35960 lb
					Net	70180 lb
					Tons	35.09

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.09	Tons	19.00	24.00	$666.71	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.09	Tons	1.14		$40.00	KITTITAS

Driver's Signature

Total Tax $24.00
Total Ticket $730.71

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659611

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator	Inbound		
In	05/04/2012 14:24:58	Inbound	cmorris		Gross	98360 lb
Out	05/04/2012 14:44:33	Outbound	cmorris		Tare	34580 lb
					Net	63780 lb
					Tons	31.89

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.89	Tons	19.00	21.81	$605.91	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.89	Tons	1.14		$36.35	KITTITAS

Total Tax $21.81
Total Ticket $664.07

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Reprint
Ticket# 659612

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 14:25:48	Inbound	cmorris		Gross	102840 lb
Out	05/04/2012 14:46:56	Outbound	cmorris		Tare	35000 lb
					Net	67840 lb
					Tons	33.92

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.92	Tons	19.00	23.20	$644.48	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.92	Tons	1.14		$38.67	KITTITAS

Total Tax $23.20
Total Ticket $706.35

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659522

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/04/2012 08:06:33	Inbound	cmorris
Out	05/04/2012 08:17:24	Outbound	cmorris

Inbound

Gross	100640 lb
Tare	39900 lb
Net	60740 lb
Tons	30.37

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.37	Tons	19.00	20.77	$577.03	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.37	Tons	1.14		$34.62	KITTITAS

Total Tax	$20.77
Total Ticket	$632.42

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659587

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCE
Vehicle# 9
Container
Driver
Check#
Billing# 0508328
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 12:03:27	Inbound	cmorris		Gross	98760 lb
Out	05/04/2012 12:26:56	Outbound	cmorris		Tare	39660 lb
					Net	59100 lb
					Tons	29.55

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.55	Tons	19.00	20.21	$561.45	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.55	Tons	1.14		$33.69	KITTITAS

Total Tax $20.21
Total Ticket $615.35

Driver's Signature

203WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659730

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	05/07/2012 15:14:22	Inbound	cmorris	Inbound	Gross 96080 lb
Out	05/07/2012 15:40:08	Outbound	cmorris		Tare 35060 lb
					Net 61020 lb
					Tons 30.51

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.51	Tons	19.00	20.87	$579.69	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.51	Tons	1.14		$34.78	KITTITAS

Driver's Signature

Total Tax $20.87
Total Ticket $635.34

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659733

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/07/2012 15:16:35	Inbound	cmorris	Inbound	Gross	100320 lb
Out	05/07/2012 15:44:45	Outbound	cmorris		Tare	35420 lb
					Net	64900 lb
					Tons	32.45

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.45	Tons	19.00	22.20	$616.55	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.45	Tons	1.14		$36.99	KITTITAS

Total Tax $22.20
Total Ticket $675.74

Driver's Signature Zack Berberg

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659664

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	05/07/2012 10:10:21	Inbound		Inbound	
Out	05/07/2012 10:31:41	Outbound			

Gross	102080 lb
Tare	36120 lb
Net	65960 lb
Tons	32.98

Comments

I acknowledge I have no hazardous materials

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.98	Tons	19.00	22.56	$626.62	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.98	Tons	1.14		$37.60	KITTITAS

Driver's Signature

Total Tax	$22.56
Total Ticket	$686.78

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659666

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	05/07/2012 10:11:31	Inbound	cmorris	Inbound	Gross 98360 lb
Out	05/07/2012 10:33:07	Outbound	cmorris		Tare 34820 lb
					Net 63540 lb
					Tons 31.77

Comments

I acknowledge I have no hazardous materials

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.77	Tons	19.00	21.73	$603.63	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.77	Tons	1.14		$36.22	KITTITAS

Driver's Signature

Total Tax $21.73
Total Ticket $661.58

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659667

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/07/2012 10:12:07	Inbound	[illegible]		Gross	98340 lb
Out	05/07/2012 10:35:47	Outbound	[illegible]		Tare	35220 lb
					Net	63120 lb
					Tons	31.56

Comments

I acknowledge I ha[illegible]

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.56	Tons	19.00	21.59	$599.64	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.56	Tons	1.14		$35.98	KITTITAS

Driver's Signature

Total Tax $21.59
Total Ticket $657.21

WASTE MANAGEMENT

212006.

	bcal	Operator
	nbound	Carris
	utbound	Carris

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659732

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator		
In	05/07/2012 15:15:41	Inbound	cmorris	Inbound	Gross 106560 lb
Out	05/07/2012 15:42:33	Outbound	cmorris		Tare 36400 lb
					Net 70160 lb
					Tons 35.08

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.08	Tons	19.00	23.99	$666.52	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.08	Tons	1.14		$39.99	KITTITAS

Driver's Signature

203 WM

Total Tax $23.99
Total Ticket $730.50

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659669*

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/07/2012 10:21:32	Inbound	cmorris
Out	05/07/2012 10:38:30	Outbound	cmorris

Inbound

Gross	90360 lb
Tare	36520 lb
Net	53840 lb
Tons	26.92

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	26.92	Tons	19.00	18.41	$511.48	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	26.92	Tons	1.14		$30.69	KITTITAS

Total Tax $18.41
Total Ticket $560.58

Customer's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98803 Ph: (509) 884-2802

Original
Ticket# 659670

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508306
Grid

Volume

	Time	Scale	Dock		Gross	95180 lb
In	05/07/2012 10:22:21	Inbound	Comments	Inbound	Tare	43160 lb
Out	05/07/2012 10:40:06	Outbound	Comments		Net	52020 lb
					Tons	26.01

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	26.01	Tons	19.00	17.79	$494.19	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	26.01	Tons	1.14		$29.65	KITTITAS

Kyle Thayer

Total Tax $17.79
Total Ticket $541.63

SWMer's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659557

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/04/2012 10:00:12	Inbound	[illegible]
Out	05/04/2012 10:19:37	Outbound	[illegible]

Inbound

Gross	91600 lb
Tare	39500 lb
Net	52100 lb
Tons	26.05

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	26.05	Tons	19.00	17.82	$494.95	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	26.05	Tons	1.14		$29.70	KITTITAS

Total Tax $17.82
Total Ticket $542.47

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
[illegible] Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659438

Customer Name CLEARREF CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier shaver
Vehicle# 81
Container
Driver
Check #
Billing# 0508305
Grid

212006

Volume

	Time	Scale	Operator			
In	05/03/2012 10:12:00	Inbound	cmorris	Inbound	Gross	107160 lb
Out	05/03/2012 10:32:08	Outbound	cmorris		Tare	39840 lb
					Net	67320 lb
					Tons	33.66

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
2	Cont Soil Pet-PCC-Tons-C	100	33.66	Tons	19.00	23.02	$639.54	KITTITAS
8	ENVFEE$1.1/Sn, Fee $1.1	100	33.66	Tons	1.14		$38.37	

Total Tax $23.02
Total Ticket $700.93

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA. 98802 Ph: (509) 884-8802

Original
Ticket# 659490

Customer Name CLEARCREEK CONTRACTORS INC CL Carrier thayer
Ticket Date 05/03/2012 Vehicle# 21 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0508326
Destination Grid
PO# 212006

	Time	Scale	Operator	Inbound		
In	05/03/2012 14:33:35	Inbound	carris		Gross	101120 lb
Out	05/03/2012 14:53:44	Outbound	carris		Tare	39320 lb
					Net	61800 lb
					Tons	30.90

Comments

I acknowledge I have no hazardous materials.

Product	LOC	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pat-PNC-Tons-C	100	30.90	Tons	19.00	21.14	$587.10	KITTITAS
ENVFEE$1.14-Env Fee $1.1	100	30.90	Tons	1.14		$35.23	KITTITAS

Kyle Thayer

Total Tax $21.14
Total Ticket $643.47

Driver's Signature

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659374

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thaver
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/02/2018 14:06:33	Inbound	KIRK		Gross	103180 lb
Out	05/02/2018 14:30:43	Outbound	KIRK		Tare	39260 lb
					Net	63920 lb
					Tons	31.96

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-AGC-Tons-C	100	31.96	Tons	19.00	21.86	$607.24	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.96	Tons	2.47		$78.94	KITTITAS

Total Tax $21.86
Total Ticket $708.04

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA. 98802 Ph: (509) 884-2302

212006

Original
Ticket# 659183

Customer Name CLEARCREEK CONTRACTORS INC CL Carrier thaver
Ticket Date 05/01/2012 Vehicle# 21 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling ticket# Billing# 0508326
Destination Grid
PO# 212006

	Time	Scale	Operator	Inbound		
In	05/01/2012 08:01:44	Inbound	cmorris		Gross	108980 lb
Out	05/01/2012 08:20:24	Outbound	cmorris		Tare	39480 lb
					Net	69500 lb
					Tons	34.75

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Per-RGC-Tons-C	100	34.75	Tons	19.00	23.77	$660.25	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	34.75	Tons	2.47		$85.83	

Total Tax $23.77
Total Ticket $769.85

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA. 98802
Ph: (509) 884-2802

Original 212006
Ticket# 659329

Customer Name CLEARCREEK CONTRACTORS INC DL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thaver
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/02/2012 10:09:40	Inbound	cmorris	Inbound	Gross	104940 lb
Out	05/02/2012 10:28:33	Outbound	cmorris		Tare	39560 lb
					Net	65380 lb
					Tons	32.69

Comments

I acknowledge I have no hazardous materials.

	Product	LOC%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGO-Tons-C	100	32.69	Tons	19.00	22.36	$621.11	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.69	Tons	2.47		$80.74	KITTITAS

Total Tax $22.36
Total Ticket $724.21

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659188

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/01/2012 08:06:49	Inbound	cmarrs		Gross	104620 lb
Out	05/01/2012 08:23:24	Outbound	cmarrs		Tare	36440 lb
					Net	68180 lb
					Tons	34.09

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.09	Tons	19.00	23.32	$647.71	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	34.09	Tons	2.47		$84.20	KITTITAS

Total Tax $23.32
Total Ticket $755.23

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

212006

Original
Ticket# 659241

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/01/2012 12:07:28	Inbound	cmorris	Inbound	Gross	99820 lb
Out	05/01/2012 12:23:44	Outbound	cmorris		Tare	39200 lb
					Net	60620 lb
					Tons	30.31

Comments

I acknowledge I have no hazardous materials.

Product		LOC	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Fee-RSI-Tons-C	100	30.31	Tons	19.00	20.73	$575.89	KITTITAS
3	ENVFEE$2.47-Env Fee $2.4	100	30.31	Tons	2.47		$74.87	KITTITAS

Total Tax $20.73
Total Ticket $671.49

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659249

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thaver
Vehicle# 3
Container
Driver
Check#
Billing# 0508328
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/01/2012 12:25:03	Inbound	cmorris		Gross	92340 lb
Out	05/01/2012 12:43:15	Outbound	cmorris		Tare	36660 lb
					Net	55680 lb
					Tons	27.84

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.84	Tons	19.00	19.04	$528.96	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	27.84	Tons	2.47		$68.76	KITTITAS

Total Tax $19.04
Total Ticket $616.76

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
101 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659067

212006

Customer Name CLEARCREEK CONTRACTORS INC C
Ticket Date 04/30/2016
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thaver
Vehicle# 3
Container
Driver
Check#
Billing# 0500336
Grid

Volume

	Time	Scale	Operator		
In	04/30/2016 08:06:34	Inbound	[illegible]	Inbound	
Out	04/30/2016 08:15:13	Outbound	[illegible]		

Gross	98600 lb
Tare	36580 lb
Net	62020 lb
Tons	31.01

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LOC	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-ROC-Tons-C	100	31.01	Tons	19.00	21.21	$589.19	KITTITAS
2	ENVFEE*2.47-Env Fee *E.4	100	31.01	Tons	2.47		$76.59	KITTITAS

Total Tax $21.21
Total Ticket $665.78

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659068

212006

Customer Name CLEARCREEK CONTRACTORS INC CL Carrier thaver
Ticket Date 04/30/2012 Vehicle# 21 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0508386
Destination Grid
PO# 212006

	Time	Scale	Operator	Inbound		
In	04/30/2012 08:14:29	Inbound	cmorris		Gross	98580 lb
Out	04/30/2012 08:38:57	Outbound	cmorris		Tare	39720 lb
					Net	58860 lb
					Tons	29.43

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Ret-RGC-Tons-C	100	29.43	Tons	19.00	20.13	$559.17	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.43	Tons	2.47		$72.69	KITTITAS

Total Tax $20.13
Total Ticket $631.99

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original 212006
Ticket# 659127

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508386
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 12:26:45	Inbound	cmorris		Gross	97860 lb
Out	04/30/2012 12:54:53	Outbound	cmorris		Tare	39240 lb
					Net	58620 lb
					Tons	29.31

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.31	Tons	19.00	20.05	$556.89	KITTITAS
3	ENVFEE$2.47-Env Fee $2.4	100	29.31	Tons	2.47		$72.40	KITTITAS

Total Tax $20.05
Total Ticket $649.34

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA. 98801 Ph: (509) 884-2802

Original
Ticket# 560049

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/10/2012 10:52:48	Inbound	cmorris
Out	05/10/2012 11:09:57	Outbound	cmorris

Inbound

Gross	95680 lb
Tare	39520 lb
Net	56160 lb
Tons	28.08

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-PBC-Tons-C	100	28.08	Tons	19.00	19.21	$533.52	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.08	Tons	1.14		$32.01	KITTITAS

Total Tax $19.21
Total Ticket $584.74

Driver's Signature
203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
101 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-0802

Original
Ticket# 659132

Customer Name CLEARCREEK CONTRACTORS INC CL Carrier thaver
Ticket Date 04/30/2012 Vehicle# 3 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Route Check#
Hauling Ticket# Billing# 0508328
Destination Grid
PO# 212006

	Time	Scale	Operator			
In	04/30/2012 12:40:44	Inbound		Gross	91640 lb
Out	04/30/2012 12:57:58	Outbound		Tare	36600 lb
				Net	55040 lb
				Tons	27.52

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-0	100	27.52	Tons	19.00	19.00	$522.88	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	27.52	Tons	2.47		$67.97	KITTITAS

Total Tax $19.00
Total Ticket $609.67

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Waste Road
Wenatchee, WA. 98801 Ph: (509) 884-3803

Original
Ticket# 659814

Customer Name CLEARWATER CONTRACTORS INC CL
Ticket Date 05/04/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thaver
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound	
In	05/04/2018 14:38:54	Inbound	cmorris		Gross 111480 lb
Out	05/04/2018 15:21:38	Outbound	cmorris		Tare 39220 lb
					Net 72260 lb
					Tons 36.13

Comments

I acknowledge I have no hazardous materials.

	Product	LOM	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	36.13	Tons	19.00	24.71	$686.47	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	36.13	Tons	1.14		$41.19	KITTITAS

Total Tax $24.71
Total Ticket $752.37

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658926

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/26/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/26/2012 09:43:04	Inbound	cmoore		Gross	91700 lb
Out	04/26/2012 10:05:31	Outbound	cmoore		Tare	36780 lb
					Net	54920 lb
					Tons	27.46

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.46	Tons	19.00	18.78	$521.74	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	27.46	Tons	2.47		$67.83	KITTITAS

Total Tax $18.78
Total Ticket $608.35

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658925

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/26/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	04/26/2012 09:40:40	Inbound	[illegible]
Out	04/26/2012 10:03:32	Outbound	[illegible]

Inbound

Gross	97740 lb
Tare	40080 lb
Net	57660 lb
Tons	28.83

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.83	Tons	19.00	-19.72	$547.77	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	28.83	Tons	2.47		$71.21	KITTITAS

Total Tax $19.72
Total Ticket $638.70

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 658985

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/27/2012 08:16:47	Inbound	cmorris		Gross	87540 lb
Out	04/27/2012 08:38:19	Outbound	cmorris		Tare	36480 lb
					Net	51060 lb
					Tons	25.53

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	25.53	Tons	19.00	17.46	$485.07	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	25.53	Tons	2.47		$63.06	KITTITAS

Total Tax $17.46
Total Ticket $565.59

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659026

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/27/2012 12:17:05	Inbound	cmorris		Gross	96480 lb
Out	04/27/2012 12:40:43	Outbound	cm[illegible]		Tare	36780 lb
					Net	59700 lb
					Tons	29.85

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.85	Tons	19.00	20.42	$567.15	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.85	Tons	2.47		$73.73	KITTITAS

Total Tax $20.42
Total Ticket $661.30

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659034

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/27/2012 13:13:32	Inbound	KI[illegible]		Gross	103720 lb
Out	04/27/2012 13:31:42	Outbound	KI[illegible]		Tare	39820 lb
					Net	63900 lb
					Tons	31.95

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.95	Tons	19.00	21.85	$607.05	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	31.95	Tons	2.47		$78.92	KITTITAS

Total Tax $21.85
Total Ticket $707.82

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 658984

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/27/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	04/27/2012 08:09:14	Inbound		Inbound	Gross 98820 lb
Out	04/27/2012 08:39:52	Outbound			Tare 39540 lb
					Net 59280 lb
					Tons 29.64

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.64	Tons	19.00	20.27	$563.16	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	29.64	Tons	2.47		$73.21	KITTITAS

Total Tax $20.27
Total Ticket $656.64

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659267

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/01/2012 13:29:12	Inbound	cmorris		Gross	101000 lb
Out	05/01/2012 14:05:40	Outbound	cmorris		Tare	39560 lb
					Net	61440 lb
					Tons	30.72

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.72	Tons	19.00	21.01	$583.68	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.72	Tons	2.47		$75.88	KITTITAS

Total Tax $21.01
Total Ticket $680.57

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659091

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	04/30/2012 10:22:49	Inbound	cmorris
Out	04/30/2012 10:58:15	Outbound	cmorris

Inbound

Gross	101020 lb
Tare	39840 lb
Net	61180 lb
Tons	30.59

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.59	Tons	19.00	20.92	$581.21	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.59	Tons	2.47		$75.56	KITTITAS

Total Tax $20.92
Total Ticket $677.69

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659163

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	04/30/2012 15:19:48	Inbound	cmorris
Out	04/30/2012 16:00:15	Outbound	kirk

Inbound

Gross	105300 lb
Tare	39720 lb
Net	65580 lb
Tons	32.79

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.79	Tons	19.00	22.43	$623.01	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.79	Tons	2.47		$80.99	KITTITAS

Total Tax	$22.43
Total Ticket	$726.43

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660126

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 08:14:16	Inbound	cmorris		Gross	122180 lb
Out	05/11/2012 08:43:01	Outbound	cmorris		Tare	41160 lb
					Net	81020 lb
					Tons	40.51

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	40.51	Tons	19.00	27.71	$769.69	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	40.51	Tons	1.14		$46.18	KITTITAS

Total Tax $27.71
Total Ticket $843.58

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660124

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/11/2012 08:12:49	Inbound	cmorris
Out	05/11/2012 08:39:57	Outbound	cmorris

Inbound

Gross	111540 lb
Tare	40060 lb
Net	71480 lb
Tons	35.74

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.74	Tons	19.00	24.45	$679.06	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.74	Tons	1.14		$40.74	KITTITAS

Total Tax	$24.45
Total Ticket	$744.25

Driver's Signature

203 WM

WASTE·MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660084

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/10/2012 14:18:31	Inbound	cmorris
Out	05/10/2012 14:50:46	Outbound	cmorris

Inbound

Gross	99080 lb
Tare	40920 lb
Net	58160 lb
Tons	29.08

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.08	Tons	19.00	19.89	$552.52	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.08	Tons	1.14		$33.15	KITTITAS

Total Tax	$19.89
Total Ticket	$605.56

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802

Original
Ticket# 660036

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/10/2012 10:14:37	Inbound	cmorris
Out	05/10/2012 10:47:56	Outbound	cmorris

Inbound		
Gross	111700	lb
Tare	40080	lb
Net	71620	lb
Tons	35.81	

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.81	Tons	19.00	24.49	$680.39	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.81	Tons	1.14		$40.82	KITTITAS

Total Tax $24.49
Total Ticket $745.70

Driver's Signature Steel

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 660085

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/10/2012 14:21:25	Inbound	cmorris
Out	05/10/2012 14:53:37	Outbound	cmorris

Inbound	
Gross	103800 lb
Tare	39740 lb
Net	64060 lb
Tons	32.03

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.03	Tons	19.00	21.91	$608.57	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.03	Tons	1.14		$36.51	KITTITAS

Total Tax $21.91
Total Ticket $666.99

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659973

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/09/2012 14:59:28	Inbound	CMORRIS
Out	05/09/2012 15:33:40	Outbound	CMORRIS

Inbound

Gross	103240 lb
Tare	41360 lb
Net	61880 lb
Tons	30.94

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.94	Tons	19.00	21.16	$587.86	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.94	Tons	1.14		$35.27	KITTITAS

Total Tax $21.16
Total Ticket $644.29

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659971

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/09/2012 14:57:09	Inbound	CMORRIS		Gross	100360 lb
Out	05/09/2012 15:31:33	Outbound	CMORRIS		Tare	39620 lb
					Net	60740 lb
					Tons	30.37

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.37	Tons	19.00	20.77	$577.03	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.37	Tons	1.14		$34.62	KITTITAS

Total Tax $20.77
Total Ticket $632.42

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659924

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/09/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/09/2012 10:46:10	Inbound	cmorris		Gross	117760 lb
Out	05/09/2012 11:14:35	Outbound	cmorris		Tare	39920 lb
					Net	77840 lb
					Tons	38.92

212

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	38.92	Tons	19.00	26.62	$739.48	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	38.92	Tons	1.14		$44.37	KITTITAS

Total Tax $26.62
Total Ticket $810.47

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659828

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume 212006

	Time	Scale	Operator	Inbound		
In	05/08/2012 12:43:45	Inbound	cmorris		Gross	109600 lb
Out	05/08/2012 13:18:51	Outbound	cmorris		Tare	39700 lb
					Net	69900 lb
					Tons	34.95

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.95	Tons	19.00	23.91	$664.05	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.95	Tons	1.14		$39.84	KITTITAS

Total Tax $23.91
Total Ticket $727.80

Driver's Signature

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659829

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Tyoe Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator
In	05/08/2012 12:44:28	Inbound	cmorris
Out	05/08/2012 13:16:49	Outbound	cmorris

Inbound

Gross	96660 lb
Tare	40500 lb
Net	56160 lb
Tons	28.08

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.08	Tons	19.00	19.21	$533.52	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.08	Tons	1.14		$32.01	KITTITAS

Total Tax	$19.21
Total Ticket	$584.74

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659768

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/08/2012 08:09:32	Inbound	cmorris
Out	05/08/2012 08:38:59	Outbound	cmorris

Inbound

Gross	100580 lb
Tare	39920 lb
Net	60660 lb
Tons	30.33

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.33	Tons	19.00	20.75	$576.27	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.33	Tons	1.14		$34.58	KITTITAS

Total Tax $20.75
Total Ticket $631.60

208 Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659766

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/08/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/08/2012 08:08:06	Inbound	cmorris
Out	05/08/2012 08:37:21	Outbound	cmorris

Inbound

Gross	103140 lb
Tare	40640 lb
Net	62500 lb
Tons	31.25

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.25	Tons	19.00	21.38	$593.75	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.25	Tons	1.14		$35.63	KITTITAS

Total Tax $21.38
Total Ticket $650.76

Customer's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659589

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 2
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator	Inbound		
In	05/04/2012 12:14:18	Inbound	cmorris		Gross	94900 lb
Out	05/04/2012 12:41:38	Outbound	cmorris		Tare	39820 lb
					Net	55080 lb
					Tons	27.54

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.54	Tons	19.00	18.84	$523.26	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	27.54	Tons	1.14		$31.40	KITTITAS

Total Tax $18.84
Total Ticket $573.50

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill 212006
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659711

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/07/2012 13:45:18	Inbound	kirk		Gross	106420 lb
Out	05/07/2012 14:17:34	Outbound	kirk		Tare	40320 lb
					Net	66100 lb
					Tons	33.05

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.05	Tons	19.00	22.61	$627.95	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.05	Tons	1.14		$37.68	KITTITAS

Total Tax $22.61
Total Ticket $688.24

Driver's Signature

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

212006

Original
Ticket# 659654

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/07/2012 09:32:23	Inbound	cmorris		Gross	108600 lb
Out	05/07/2012 10:00:05	Outbound	cmorris		Tare	41060 lb
					Net	67540 lb
					Tons	33.77

Comments

I acknowledge I have no hazardous materials.

212006

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.77	Tons	19.00	23.10	$641.63	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.77	Tons	1.14		$38.50	KITTITAS

Total Tax $23.10
Total Ticket $703.23

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659665

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0500326
Grid

Volume

	Time	Scale	Operator
In	05/07/2012 10:10:54	Inbound	cmorris
Out	05/07/2012 10:34:18	Outbound	cmorris

Inbound

Gross	100880 lb
Tare	34760 lb
Net	66120 lb
Tons	33.06

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.06	Tons	19.00	22.61	$628.14	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.06	Tons	1.14		$37.69	KITTITAS

Total Tax	$22.61
Total Ticket	$688.44

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659731

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/07/2012 15:15:00	Inbound	cmorris		Gross	96160 lb
Out	05/07/2012 15:41:14	Outbound	cmorris		Tare	34960 lb
					Net	61200 lb
					Tons	30.60

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.60	Tons	19.00	20.93	$581.40	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.60	Tons	1.14		$34.88	KITTITAS

Total Tax $20.93
Total Ticket $637.21

Driver's Signature

203 WM

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659652

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator
In	05/07/2012 09:29:44	Inbound	cmorris
Out	05/07/2012 09:57:40	Outbound	cmorris

Inbound

Gross	105780 lb
Tare	40440 lb
Net	65340 lb
Tons	32.67

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.67	Tons	19.00	22.35	$620.73	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.67	Tons	1.14		$37.24	KITTITAS

Total Tax $22.35
Total Ticket $680.32

208 WM

Driver's Signature

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659710

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/07/2012 13:44:20	Inbound	kirk
Out	05/07/2012 14:18:55	Outbound	kirk

Inbound

Gross	108060 lb
Tare	39400 lb
Net	68660 lb
Tons	34.33

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.33	Tons	19.00	23.48	$652.27	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.33	Tons	1.14		$39.14	KITTITAS

Total Tax $23.48
Total Ticket $714.89

Driver's Signature Steve

212006

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Original
Ticket# 659526

Ph: (509) 884-2802

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 08:09:36	Inbound	cmorris		Gross	101940 lb
Out	05/04/2012 08:34:04	Outbound	cmorris		Tare	40080 lb
					Net	61860 lb
					Tons	30.93

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.93	Tons	19.00	21.16	$587.67	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.93	Tons	1.14		$35.26	KITTITAS

Total Tax $21.16
Total Ticket $644.09

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659415

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/03/2012 08:08:44	Inbound	cmorris		Gross	101300 lb
Out	05/03/2012 08:38:56	Outbound	cmorris		Tare	40280 lb
					Net	61020 lb
					Tons	30.51

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.51	Tons	19.00	20.87	$579.69	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.51	Tons	1.14		$34.78	KITTITAS

Total Tax $20.87
Total Ticket $635.34

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659469

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/03/2012 12:22:34	Inbound	cmorris		Gross	103940 lb
Out	05/03/2012 12:51:20	Outbound	cmorris		Tare	39960 lb
					Net	63980 lb
					Tons	31.99

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.99	Tons	19.00	21.88	$607.81	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.99	Tons	1.14		$36.47	KITTITAS

Total Tax $21.88
Total Ticket $666.16

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webo Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659308

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/02/2012 08:07:51	Inbound	cmorris		Gross	101600 lb
Out	05/02/2012 08:43:25	Outbound	cmorris		Tare	40740 lb
					Net	60860 lb
					Tons	30.43

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.43	Tons	19.00	20.81	$578.17	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.43	Tons	2.47		$75.16	KITTITAS

Total Tax $20.81
Total Ticket $674.14

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659314

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/02/2012 08:31:55	Inbound	cmorris
Out	05/02/2012 09:09:27	Outbound	cmorris

Inbound

Gross	107660 lb
Tare	40100 lb
Net	67560 lb
Tons	33.78

212006

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.78	Tons	19.00	23.11	$641.82	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	33.78	Tons	2.47		$83.44	KITTITAS

Total Tax $23.11
Total Ticket $748.37

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659366

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator
In	05/02/2012 12:28:32	Inbound	cmorris
Out	05/02/2012 12:57:34	Outbound	cmorris

Inbound

Gross	105940 lb
Tare	40520 lb
Net	65420 lb
Tons	32.71

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.71	Tons	19.00	22.37	$621.49	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	32.71	Tons	2.47		$80.79	KITTITAS

Total Tax	$22.37
Total Ticket	$724.65

Driver's Signature MLV

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659368

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/02/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

212006

	Time	Scale	Operator
In	05/02/2012 12:43:06	Inbound	cmorris
Out	05/02/2012 13:13:15	Outbound	KIRK

Inbound

Gross	112540 lb
Tare	39740 lb
Net	72800 lb
Tons	36.40

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	36.40	Tons	19.00	24.90	$691.60	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	36.40	Tons	2.47		$89.91	KITTITAS

Total Tax	$24.90
Total Ticket	$806.41

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659193

212006

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/01/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/01/2012 09:16:52	Inbound	cmorris
Out	05/01/2012 09:40:52	Outbound	cmorris

Inbound

Gross	101940 lb
Tare	40160 lb
Net	61780 lb
Tons	30.89

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.89	Tons	19.00	21.13	$586.91	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	30.89	Tons	2.47		$76.30	KITTITAS

Total Tax $21.13
Total Ticket $684.34

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660254

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 10:07:23	[illegible]	[illegible]		Gross	89100 lb
Out	05/14/2012 10:27:09	[illegible]	[illegible]		Tare	34600 lb
					Net	54500 lb
					Tons	27.25

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.25	Tons	19.00	18.64	$517.75	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	27.25	Tons	1.14		$31.07	KITTITAS

Don B

Total Tax $18.64
Total Ticket $567.46

Driver's Signature
203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660255

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 10:07:58	Inbound	cmerrill		Gross	102180 lb
Out	05/14/2012 10:29:48	Outbound	cmerrill		Tare	36020 lb
					Net	66160 lb
					Tons	33.08

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.08	Tons	19.00	22.63	$628.52	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.08	Tons	1.14		$37.71	KITTITAS

Total Tax $22.63
Total Ticket $688.86

Driver's Signature

3 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660256

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/14/2012 10:08:47	[illegible]	[illegible]	
Out	05/14/2012 10:30:48	[illegible]	[illegible]	

Gross	104700 lb
Tare	35140 lb
Net	69560 lb
Tons	34.78

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.78	Tons	19.00	23.79	$660.82	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.78	Tons	1.14		$39.65	KITTITAS

Total Tax	$23.79
Total Ticket	$724.26

Driver's Signature Zach Bivens

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660257

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 112
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/14/2012 10:10:26	[illegible]	[illegible]	
Out	05/14/2012 10:32:01	[illegible]	[illegible]	

Gross	105360 lb
Tare	34760 lb
Net	70600 lb
Tons	35.30

Comments:

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.30	Tons	19.00	24.15	$670.70	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.30	Tons	1.14		$40.24	KITTITAS

Total Tax	$24.15
Total Ticket	$735.09

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660262

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 10:34:55	[illegible]	[illegible]		Gross	94040 lb
Out	05/14/2012 10:58:15	[illegible]	[illegible]		Tare	37980 lb
					Net	56060 lb
					Tons	28.03

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.03	Tons	19.00	19.17	$532.57	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.03	Tons	1.14		$31.95	KITTITAS

Total Tax $19.17
Total Ticket $583.69

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660275

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 12:15:34	[illegible]	[illegible]		Gross	104560 lb
Out	05/14/2012 12:36:45	[illegible]	[illegible]		Tare	39540 lb
					Net	65020 lb
					Tons	32.51

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.51	Tons	19.00	22.24	$617.69	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.51	Tons	1.14		$37.06	KITTITAS

Driver's Signature

Total Tax $22.24
Total Ticket $676.99

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660284

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 6
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 13:42:02	Inbound	[illegible]		Gross	101700 lb
Out	05/14/2012 14:05:26	Outbound	[illegible]		Tare	41600 lb
					Net	60100 lb
					Tons	30.05

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.05	Tons	19.00	20.55	$570.95	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.05	Tons	1.14		$34.26	KITTITAS

Total Tax $20.55
Total Ticket $625.76

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 660295

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 14:42:22	Inbound	cm		Gross	97900 lb
Out	05/14/2012 15:02:45	Outbound	cm		Tare	37860 lb
					Net	60040 lb
					Tons	30.02

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.02	Tons	19.00	20.53	$570.38	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.02	Tons	1.14		$34.22	KITTITAS

Total Tax $20.53
Total Ticket $625.13

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660299

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 14:54:04	[illegible]	[illegible]		Gross	105900 lb
Out	05/14/2012 15:22:18	[illegible]	[illegible]		Tare	35300 lb
					Net	70600 lb
					Tons	35.30

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.30	Tons	19.00	24.15	$670.70	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.30	Tons	1.14		$40.24	KITTITAS

Total Tax $24.15
Total Ticket $735.09

Driver's Signature Zach Bilbrew

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660298

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 112
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 14:53:26	Inbound	cm		Gross	106960 lb
Out	05/14/2012 15:20:00	Outbound	cm		Tare	35140 lb
					Net	71820 lb
					Tons	35.91

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.91	Tons	19.00	24.56	$682.29	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.91	Tons	1.14		$40.94	KITTITAS

Driver's Signature

Total Tax $24.56
Total Ticket $747.79

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660297

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 14:52:37	Inbound	[illegible]		Gross	105520 lb
Out	05/14/2012 15:18:50	Outbound	[illegible]		Tare	34720 lb
					Net	70800 lb
					Tons	35.40

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.40	Tons	19.00	24.21	$672.60	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.40	Tons	1.14		$40.36	KITTITAS

Don B

Total Tax $24.21
Total Ticket $737.17

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660300

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 14:54:46	[illegible]	[illegible]		Gross	109460 lb
Out	05/14/2012 15:21:05	[illegible]	[illegible]		Tare	36200 lb
					Net	73260 lb
					Tons	36.63

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	36.63	Tons	19.00	25.05	$695.97	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	36.63	Tons	1.14		$41.76	KITTITAS

Driver's Signature

Total Tax $25.05
Total Ticket $762.78

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660360

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 11:42:11	Inbound	[illegible]		Gross	95520 lb
Out	05/15/2012 12:11:26	Outbound	[illegible]		Tare	38340 lb
					Net	57180 lb
					Tons	28.59

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Or
1	Cont Soil Pet-RGC-Tons-C	100	28.59	Tons	19.00	19.56	$543.21	K[illegible]
2	ENVFEE$1.14-Env Fee $1.1	100	28.59	Tons	1.14		$32.59	[illegible]

Total Tax $19.56
Total Ticket $595.36

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660325

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 08:19:42	[illegible]	[illegible]		Gross	101660 lb
Out	05/15/2012 08:34:02	[illegible]	[illegible]		Tare	41460 lb
					Net	60200 lb
					Tons	30.10

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.10	Tons	19.00	20.59	$571.90	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.10	Tons	1.14		$34.31	KITTITAS

Total Tax $20.59
Total Ticket $626.80

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660333

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 09:38:23	Inbound	[illegible]		Gross	105360 lb
Out	05/15/2012 09:55:09	Outbound	[illegible]		Tare	34780 lb
					Net	70580 lb
					Tons	35.29

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.29	Tons	19.00	24.14	$670.51	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.29	Tons	1.14		$40.23	KITTITAS

Don B

Total Tax $24.14
Total Ticket $734.88

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660334

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 09:38:53	Inbound	[illegible]		Gross	102420 lb
Out	05/15/2012 09:56:19	Outbound	[illegible]		Tare	35180 lb
					Net	67240 lb
					Tons	33.62

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.62	Tons	19.00	23.00	$638.78	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.62	Tons	1.14		$38.33	KITTITAS

Driver's Signature

Total Tax $23.00
Total Ticket $700.11

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660335

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 09:39:24	Inbound	[illegible]		Gross	112020 lb
Out	05/15/2012 09:57:28	Outbound	[illegible]		Tare	36200 lb
					Net	75820 lb
					Tons	37.91

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	37.91	Tons	19.00	25.93	$720.29	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	37.91	Tons	1.14		$43.22	KITTITAS

Driver's Signature

Total Tax $25.93
Total Ticket $789.44

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660337

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 112
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 09:41:12	[illegible]	[illegible]		Gross	98860 lb
Out	05/15/2012 09:59:05	[illegible]	[illegible]		Tare	35020 lb
					Net	63840 lb
					Tons	31.92

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.92	Tons	19.00	21.83	$606.48	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.92	Tons	1.14		$36.39	KITTITAS

Total Tax $21.83
Total Ticket $664.70

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660338

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 09:41:47	Inbound	cmc		Gross	99680 lb
Out	05/15/2012 10:10:31	Outbound	cmc		Tare	39880 lb
					Net	59800 lb
					Tons	29.90

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.90	Tons	19.00	20.45	$568.10	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.90	Tons	1.14		$34.09	KITTITAS

Total Tax $20.45
Total Ticket $622.64

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660365

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 6
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 12:32:17	Inbound	[illegible]		Gross	111160 lb
Out	05/15/2012 12:51:33	Outbound	[illegible]		Tare	42140 lb
					Net	69020 lb
					Tons	34.51

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.51	Tons	19.00	23.60	$655.69	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.51	Tons	1.14		$39.34	KITTITAS

Total Tax $23.60
Total Ticket $718.63

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660372

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier RCW SERVICES
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 13:34:34	Inbound	[illegible]		Gross	99860 lb
Out	05/15/2012 13:52:47	Outbound	[illegible]		Tare	39680 lb
					Net	60180 lb
					Tons	30.09

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.09	Tons	19.00	20.58	$571.71	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.09	Tons	1.14		$34.30	KITTITAS

Total Tax $20.58
Total Ticket $626.59

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660379

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 14:19:29	Inbound	cmc		Gross	95740 lb
Out	05/15/2012 14:46:18	Outbound	cmc		Tare	35360 lb
					Net	60380 lb
					Tons	30.19

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.19	Tons	19.00	20.65	$573.61	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.19	Tons	1.14		$34.42	KITTITAS

Total Tax $20.65
Total Ticket $628.68

Driver's Signature Zach Billeter

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660380

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 14:21:05	Inbound	Cm		Gross	96660 lb
Out	05/15/2012 14:43:27	Outbound	Cm		Tare	34940 lb
					Net	61720 lb
					Tons	30.86

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.86	Tons	19.00	21.11	$586.34	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.86	Tons	1.14		$35.18	KITTITAS

Don B

Total Tax $21.11
Total Ticket $642.63

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Reqional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660381

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 112
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 14:22:20	Inbound	[illegible]		Gross	98220 lb
Out	05/15/2012 14:45:01	Outbound	[illegible]		Tare	35240 lb
					Net	62980 lb
					Tons	31.49

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.49	Tons	19.00	21.54	$598.31	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.49	Tons	1.14		$35.90	KITTITAS

Total Tax $21.54
Total Ticket $655.75

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 660382

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 14:23:20	Inbound	cm		Gross	104570 lb*
Out	05/15/2012 14:47:29	Outbound	cm		Tare	36400 lb
			Manual Weight		Net	68170 lb
					Tons	34.09

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.09	Tons	19.00	23.32	$647.71	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.09	Tons	1.14		$38.86	KITTITAS

Total Tax $23.32
Total Ticket $709.89

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660328

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier CLEARCREEK CONTRACT
Vehicle# 44
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 09:00:43	[illegible]	[illegible]		Gross	105160 lb
Out	05/15/2012 09:09:37	[illegible]	[illegible]		Tare	39840 lb
					Net	65320 lb
					Tons	32.66

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.66	Tons	19.00	22.34	$620.54	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.66	Tons	1.14		$37.23	KITTITAS

Total Tax $22.34
Total Ticket $680.11

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660364

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/15/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 150701WA

Carrier CLEARCREEK CONTRACT
Vehicle# 44
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/15/2012 12:31:14	[illegible]	[illegible]		Gross	102680 lb
Out	05/15/2012 12:42:49	[illegible]	[illegible]		Tare	40100 lb
					Net	62580 lb
					Tons	31.29

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.29	Tons	19.00	21.40	$594.51	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.29	Tons	1.14		$35.67	KITTITAS

Driver's Signature

203 WM

Total Tax $21.40
Total Ticket $651.58

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660458

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 14:36:00	Inbound	[illegible]		Gross	98340 lb
Out	05/16/2012 15:06:08	Outbound	[illegible]		Tare	38300 lb
					Net	60040 lb
					Tons	30.02

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.02	Tons	19.00	20.53	$570.38	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.02	Tons	1.14		$34.22	KITTITAS

Total Tax $20.53
Total Ticket $625.13

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660402

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier CLEARCREEK CONTRACT
Vehicle# 44
Volume
Container
Driver
Check#
Billing# 0508326
Grid

	Time	Scale	Operator	Inbound		
In	05/16/2012 08:04:46	[illegible]	[illegible]		Gross	101100 lb
Out	05/16/2012 08:19:06	[illegible]	[illegible]		Tare	40020 lb
					Net	61080 lb
					Tons	30.54

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.54	Tons	19.00	20.89	$580.26	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.54	Tons	1.14		$34.82	KITTITAS

Total Tax $20.89
Total Ticket $635.97

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660435

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier CLEARCREEK CONTRACT
Vehicle# 44
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 11:15:35	Inbound	cmoore		Gross	101680 lb
Out	05/16/2012 11:26:44	Outbound	cmoore		Tare	39760 lb
					Net	61920 lb
					Tons	30.96

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.96	Tons	19.00	21.18	$588.24	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.96	Tons	1.14		$35.29	KITTITAS

Driver's Signature

Total Tax $21.18
Total Ticket $644.71

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660464

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier CLEARCREEK CONTRACT
Vehicle# 44
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 15:14:51	Inbound	cmo		Gross	103660 lb
Out	05/16/2012 15:26:21	Outbound	cmo		Tare	39940 lb
					Net	63720 lb
					Tons	31.86

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.86	Tons	19.00	21.79	$605.34	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.86	Tons	1.14		$36.32	KITTITAS

Driver's Signature

Total Tax $21.79
Total Ticket $663.45

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660443

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 6
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 11:59:33	[illegible]	[illegible]		Gross	113440 lb
Out	05/16/2012 12:13:07	[illegible]	[illegible]		Tare	42400 lb
					Net	71040 lb
					Tons	35.52

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT®

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.52	Tons	19.00	24.30	$674.88	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.52	Tons	1.14		$40.49	KITTITAS

Total Tax $24.30
Total Ticket $739.67

Driver's Signature [illegible]

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660419

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 09:34:29	Inbound	cm		Gross	109340 lb
Out	05/16/2012 09:59:47	Outbound	cm		Tare	36140 lb
					Net	73200 lb
					Tons	36.60

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	36.60	Tons	19.00	25.03	$695.40	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	36.60	Tons	1.14		$41.72	KITTITAS

Driver's Signature

Total Tax $25.03
Total Ticket $762.15

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660422

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 112
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 09:36:37	Inbound	cmc		Gross	100320 lb
Out	05/16/2012 09:58:25	Outbound	cmc		Tare	35020 lb
					Net	65300 lb
					Tons	32.65

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.65	Tons	19.00	22.33	$620.35	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.65	Tons	1.14		$37.22	KITTITAS

Total Tax $22.33
Total Ticket $679.90

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660417

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 09:31:16	[illegible]	[illegible]		Gross	98120 lb
Out	05/16/2012 09:57:10	[illegible]	[illegible]		Tare	34740 lb
					Net	63380 lb
					Tons	31.69

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.69	Tons	19.00	21.68	$602.11	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.69	Tons	1.14		$36.13	KITTITAS

Don B

Total Tax $21.68
Total Ticket $659.92

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660446

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator		
In	05/16/2012 12:34:15	Inbound	[illegible]	Inbound	Gross 103300 lb
Out	05/16/2012 12:52:25	Outbound	[illegible]		Tare 39600 lb
					Net 63700 lb
					Tons 31.85

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT®

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.85	Tons	19.00	21.79	$605.15	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.85	Tons	1.14		$36.31	KITTITAS

Driver's Signature

Total Tax $21.79
Total Ticket $663.25

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660418

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/16/2012 09:34:00	Inbound	[illegible]	Inbound	Gross	97720 lb
Out	05/16/2012 09:54:58	Outbound	[illegible]		Tare	35000 lb
					Net	62720 lb
					Tons	31.36

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.36	Tons	19.00	21.45	$595.84	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.36	Tons	1.14		$35.75	KITTITAS

Total Tax $21.45
Total Ticket $653.04

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660404

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 08:06:16	Inbound	cmartin		Gross	95400 lb
Out	05/16/2012 08:21:49	Outbound	cmartin		Tare	39900 lb
					Net	55500 lb
					Tons	27.75

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	27.75	Tons	19.00	18.98	$527.25	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	27.75	Tons	1.14		$31.64	KITTITAS

Driver's Signature

Total Tax $18.98
Total Ticket $577.87

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660401

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 6
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/16/2012 08:04:11	[illegible]	[illegible]		Gross	109920 lb
Out	05/16/2012 08:17:56	[illegible]	[illegible]		Tare	41800 lb
					Net	68120 lb
					Tons	34.06

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	34.06	Tons	19.00	23.30	$647.14	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	34.06	Tons	1.14		$38.83	KITTITAS

Total Tax $23.30
Total Ticket $709.27

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660416

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check# ✓
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/16/2012 09:28:37	Inbound	[illegible]	
Out	05/16/2012 09:51:59	Outbound	[illegible]	

Gross	96100 lb
Tare	38140 lb
Net	57960 lb
Tons	28.98

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.98	Tons	19.00	19.82	$550.62	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.98	Tons	1.14		$33.04	KITTITAS

Total Tax	$19.82
Total Ticket	$603.48

Driver's Signature

203.WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660490

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/17/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier CLEARCREEK CONTRACT
Vehicle# 44
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/17/2012 09:15:50	[illegible]	[illegible]		Gross	99960 lb
Out	05/17/2012 09:26:51	[illegible]	[illegible]		Tare	39940 lb
					Net	60020 lb
					Tons	30.01

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.01	Tons	19.00	20.53	$570.19	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.01	Tons	1.14		$34.21	KITTITAS

Driver's Signature

Total Tax $20.53
Total Ticket $624.93

13 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660199

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 12:33:54	[illegible]	[illegible]		Gross	97920 lb
Out	05/11/2012 13:00:58	[illegible]	[illegible]		Tare	35960 lb
					Net	61960 lb
					Tons	30.98

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.98	Tons	19.00	21.19	$588.62	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.98	Tons	1.14		$35.32	KITTITAS

Driver's Signature

203 WM

Total Tax $21.19
Total Ticket $645.13

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660198

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 12:32:54	[illegible]	[illegible]		Gross	96840 lb
Out	05/11/2012 12:59:15	[illegible]	[illegible]		Tare	34600 lb
					Net	62240 lb
					Tons	31.12

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.12	Tons	19.00	21.29	$591.28	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.12	Tons	1.14		$35.48	KITTITAS

Total Tax $21.29
Total Ticket $648.05

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 660197

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound
In	05/11/2012 12:30:00	Inbound	[illegible]	
Out	05/11/2012 12:57:52	Outbound	[illegible]	

Gross	93060 lb
Tare	34680 lb
Net	58380 lb
Tons	29.19

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.19	Tons	19.00	19.97	$554.61	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.19	Tons	1.14		$33.28	KITTITAS

Total Tax $19.97
Total Ticket $607.86

Driver's Signature Zach Beim

203 WM

Greater Wenatchee **Regional** Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 660165

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 10:27:18	[illegible]	[illegible]		Gross	94520 lb
Out	05/11/2012 10:53:18	[illegible]	[illegible]		Tare	38260 lb
					Net	56260 lb
					Tons	28.13

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.13	Tons	19.00	19.24	$534.47	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.13	Tons	1.14		$32.07	KITTITAS

Total Tax $19.24
Total Ticket $585.78

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660230

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier REECER CREEK
Vehicle# 9
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 08:04:25	Inbound	[illegible]		Gross	101660 lb
Out	05/14/2012 08:27:31	Outbound	[illegible]		Tare	39840 lb
					Net	61820 lb
					Tons	30.91

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.91	Tons	19.00	21.14	$587.29	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.91	Tons	1.14		$35.24	KITTITAS

Driver's Signature

Total Tax $21.14
Total Ticket $643.67

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660248

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/14/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 6
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/14/2012 09:41:28	Inbound	cmc		Gross	100380 lb
Out	05/14/2012 10:07:36	Outbound	cmc		Tare	42080 lb
					Net	58300 lb
					Tons	29.15

Comments

I acknowledge I have no hazardous materials.

WASTE MANAGEMENT

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.15	Tons	19.00	19.94	$553.85	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.15	Tons	1.14		$33.23	KITTITAS

Total Tax $19.94
Total Ticket $607.02

Driver's Signature

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659090

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account:
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 10:21:43	Inbound	cmorris		Gross	108600 lb
Out	04/30/2012 10:46:51	Outbound	cmorris		Tare	41200 lb
					Net	67400 lb
					Tons	33.70

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.70	Tons	19.00	23.05	$640.30	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	33.70	Tons	2.47		$83.24	

Total Tax $23.05
Total Ticket $746.59

Driver's Signature
203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659162

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 04/30/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 5
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	04/30/2012 15:16:28	Inbound	cmorris		Gross	91120 lb
Out	04/30/2012 15:41:55	Outbound	kirk		Tare	41000 lb
					Net	50120 lb
					Tons	25.06

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	25.06	Tons	19.00	17.14	$476.14	KITTITAS
2	ENVFEE$2.47-Env Fee $2.4	100	25.06	Tons	2.47		$61.90	KITTITAS

Driver's Signature

203 WM

Total Tax $17.14
Total Ticket $555.18

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 659609

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/04/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 118
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/04/2012 14:23:30	Inbound	cmorris		Gross	93840 lb
Out	05/04/2012 14:49:51	Outbound	cmorris		Tare	34780 lb
					Net	59060 lb
					Tons	29.53

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.53	Tons	19.00	20.20	$561.07	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.53	Tons	1.14		$33.66	KITTITAS

Don B

Total Tax $20.20
Total Ticket $614.93

Driver's Signature

203 WM

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659418

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/03/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 19
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/03/2012 08:11:37	[illegible]	[illegible]		Gross	104680 lb
Out	05/03/2012 08:45:49	[illegible]	[illegible]		Tare	40840 lb
					Net	63840 lb
					Tons	31.92

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.92	Tons	19.00	21.83	$606.48	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.92	Tons	1.14		$36.39	KITTITAS

Total Tax $21.83
Total Ticket $664.70

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660194

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 12:15:13	Inbound	cmorris		Gross	106780 lb
Out	05/11/2012 12:47:53	Outbound	cmorris		Tare	39680 lb
					Net	67100 lb
					Tons	33.55

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.55	Tons	19.00	22.95	$637.45	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.55	Tons	1.14		$38.25	KITTITAS

Total Tax $22.95
Total Ticket $698.65

Driver's Signature Steve

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802 Ph: (509) 884-2802

Original
Ticket# 660193

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/11/2012
Payment Type Credit Account :
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier THORNHILL
Vehicle# 0
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2012 12:14:30	Inbound	cmorris		Gross	93000 lb
Out	05/11/2012 12:46:25	Outbound	cmorris		Tare	40760 lb
					Net	52240 lb
					Tons	26.12

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	26.12	Tons	19.00	17.87	$496.28	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	26.12	Tons	1.14		$29.78	KITTITAS

Total Tax $17.87
Total Ticket $543.93

Driver's Signature

205 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660097

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/10/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/10/2012 15:20:32	Inbound	cmorris	Inbound	Gross	104800 lb
Out	05/10/2012 15:36:16	Outbound	cmorris		Tare	39220 lb
					Net	65580 lb
					Tons	32.79

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	32.79	Tons	19.00	22.43	$623.01	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	32.79	Tons	1.14		$37.38	KITTITAS

Driver's Signature

Total Tax $22.43
Total Ticket $682.82

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 659723

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 3
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/07/2012 14:44:57	Inbound	kirk	Inbound	Gross	89820 lb
Out	05/07/2012 15:04:30	Outbound	cmorris		Tare	36220 lb
					Net	53600 lb
					Tons	26.80

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	26.80	Tons	19.00	18.33	$509.20	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	26.80	Tons	1.14		$30.55	KITTITAS

Total Tax $18.33
Total Ticket $558.08

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 659722

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/07/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier thayer
Vehicle# 21
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/07/2012 14:44:00	Inbound	kirk	Inbound	Gross	96960 lb
Out	05/07/2012 15:02:54	Outbound	cmorris		Tare	39220 lb
					Net	57740 lb
					Tons	28.87

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	28.87	Tons	19.00	19.75	$548.53	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	28.87	Tons	1.14		$32.91	KITTITAS

Driver's Signature

Total Tax $19.75
Total Ticket $601.19

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660467

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier PGH EXCAVATING
Vehicle# 6
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/16/2012 15:50:03	Inbound	cmorris	Inbound	Gross	101100 lb
Out	05/16/2012 16:06:30	Outbound	cmorris		Tare	42040 lb
					Net	59060 lb
					Tons	29.53

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	29.53	Tons	19.00	20.20	$561.07	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	29.53	Tons	1.14		$33.66	KITTITAS

Total Tax $20.20
Total Ticket $614.93

Driver's Signature

208 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660456

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 112
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/16/2012 14:15:31	Inbound	cmorris
Out	05/16/2012 14:34:20	Outbound	cmorris

Inbound

Gross	102680 lb
Tare	35260 lb
Net	67420 lb
Tons	33.71

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	33.71	Tons	19.00	23.06	$640.49	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	33.71	Tons	1.14		$38.43	KITTITAS

Driver's Signature

Total Tax	$23.06
Total Ticket	$701.98

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660455

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 134
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator			
In	05/16/2012 14:14:51	Inbound	cmorris	Inbound	Gross	106560 lb
Out	05/16/2012 14:32:38	Outbound	cmorris		Tare	36440 lb
					Net	70120 lb
					Tons	35.06

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	35.06	Tons	19.00	23.98	$666.14	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	35.06	Tons	1.14		$39.97	KITTITAS

Driver's Signature

Total Tax $23.98
Total Ticket $730.09

203 WM

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802
Ph: (509) 884-2802

Original
Ticket# 660454

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 116
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/16/2012 14:13:54	Inbound	cmorris
Out	05/16/2012 14:29:22	Outbound	cmorris

Inbound

Gross	95400 lb
Tare	35040 lb
Net	60360 lb
Tons	30.18

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	30.18	Tons	19.00	20.64	$573.42	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	30.18	Tons	1.14		$34.41	KITTITAS

Don B

Driver's Signature

Total Tax	$20.64
Total Ticket	$628.47

WASTE MANAGEMENT

Greater Wenatchee Regional Landfill
191 Webb Road
Wenatchee, WA, 98802

Ph: (509) 884-2802

Original
Ticket# 660453

Customer Name CLEARCREEK CONTRACTORS INC CL
Ticket Date 05/16/2012
Payment Type Credit Account :
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 212006

Carrier lloyd
Vehicle# 104
Container
Driver
Check#
Billing# 0508326
Grid

Volume

	Time	Scale	Operator
In	05/16/2012 14:13:14	Inbound	cmorris
Out	05/16/2012 14:31:25	Outbound	cmorris

Inbound

Gross	97440 lb
Tare	35400 lb
Net	62040 lb
Tons	31.02

Comments

I acknowledge I have no hazardous materials.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	31.02	Tons	19.00	21.22	$589.38	KITTITAS
2	ENVFEE$1.14-Env Fee $1.1	100	31.02	Tons	1.14		$35.36	KITTITAS

Driver's Signature

Total Tax	$21.22
Total Ticket	$645.96

203 WM

Greater Wenatchee Regional LF
191 Webb Road,
East Wenatchee, WA, 98802-9384
Ph: (509) 884-2802

Reprint Ticket # 659098

Customer Name	CLEARCREEK CONTRACTORS INC	Carrier	lloyd	
Ticket Date	04/30/2012	Vehicle#	0	Volume
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing#	0508326	
StateWasteCode		Gen EPA ID	N/A	
Manifest	105701wa	Grid		
Destination				
PO#	212006			
Profile	105701WA(PCS)			
Generator	1076579 WA-KENS TEXACO			

	Time	Scale	Operator	Inbound			
					Gross	100160	lb
In	04/30/12 10:53:05 AM	Inbound	cmorris		Tare	11280	lb
Out	04/30/12 11:06:51 AM	Inbound	cmorris		Net	88880	lb
					Tons	44.44	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	44.44	Tons	19.00	30.40	$844.36	KITTITAS
ENVFEE$2.47-Env Fee $2.47/TN	100	44.44	Tons	2.47		$109.77	KITTITAS

Total Fees $30.40
Total Ticket $984.53

Driver's Signature _____

APPENDIX G

Well Decommissioning Reports

Notice of Intent to
Decommission a Well

Notification Number
AE17443

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Texaco Kens - Kens Texaco		Phone Number	
Mailing Address: 101 W 8th Ave (E University Way)	City: Ellensburg	State: WA	Zip Code: 98926
2. Agent (if different from above): Aspect Consulting		Phone Number: (206) 328-7443	
Mailing Address: 401 Second Ave S, Ste 201	City: Seattle	State: WA	Zip Code: 98104

3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: Kittitas - 19					
Well Site Street Address: 101 W 8th Ave (E University Way)		City: Ellensburg		State: WA	Zip Code: 98926
Tax Parcel Number	Township: 18N	Range: 18E	Section: 35	¼ (within 160 acres): SE	¼ -¼ (within 40 acres): NW
Latitude Degrees	Latitude Time: min sec			Horizontal Collection Method	
Longitude Degrees	Longitude Time: min sec				

4. Notice of Intent Number of well being decomissioned

Unique Well Tag Number of well being decomissioned (if applicable)

5. Well Type to Decommission

Resource Protection - $20.00 each Revised Code: 027-WEL1**-02-87-000101 How Many? 2

6. Estimated Decommission Start Date: 5/8/2012

Project Name

7. Professional's License Number: 44162

8. Well Drilling Company Name

Phone Number

9. Well Driller Name: Eric Marhofer (206) 838-6582

Driller License Number

10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$40.00

This notification number must be provided to your driller:

AE17443

Your validation will be sent to the e-mail address you provided: emarhofer@aspectconsulting.cor

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE17443

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission *("x" in box)*

☐ Construction

☒ Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

R073867

Consulting Firm Aspect Consulting

Unique Ecology Well IDTag No. APE228 (MW-2)

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☐ Driller ☒ Engineer ☐ Trainee

Name (Print Last, First Name) Marhofer, Eric

Driller/Engineer /Trainee Signature [signature]

Driller or Trainee License No. 44162

If trainee, licensed driller's Signature and License Number:

Type of Well *("x in box)*

☒ Resource Protection

☐ Geotech Soil Boring

Property Owner Ken's Texaco

Site Address 101 W 8th Ave (E University Way)

City Ellensburg County Kittitas

Location NW1/4-1/4 SE1/4 Sec 35 Twn 18N R 18E

EWM ☒ or WWM ☐

Lat/Long (s, t, r still REQUIRED) Lat Deg _____ Min _____ Sec _____

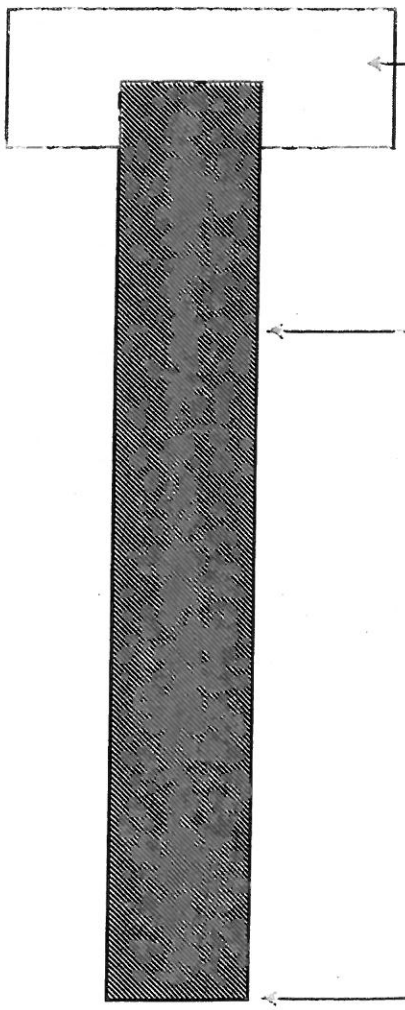
Long Deg _____ Min _____ Sec _____

Tax Parcel No. _____

Cased or Uncased Diameter 8" Static Level 21'

Work/Decommission Start Date 5/21/12

Work/Decommission Completed Date 5/21/12

Construction Design	Well Data	Formation Description
	CONCRETE SURFACE SEAL 2 FT	0 - 26.5 FT 2" PVC
	BACKFILL 24.5 FT Bentonite Chips	0 - FT
	DEPTH OF BORING 26.5 FT	

SCALE: 1"= _____ PAGE _____ OF _____

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE17443

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission *("x" in box)*

☐ Construction

☒ Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

R073867

Consulting Firm Aspect Consulting

Unique Ecology Well IDTag No. APE229 (MW-3)

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☐ Driller ☒ Engineer ☐ Trainee

Name (Print Last, First Name) Marhofer, Eric

Driller/Engineer /Trainee Signature [signature]

Driller or Trainee License No. 44162

If trainee, licensed driller's Signature and License Number:

Type of Well *("x in box)*

☒ Resource Protection

☐ Geotech Soil Boring

Property Owner Ken's Texaco

Site Address 101 W 8th Ave (E University Way)

City Ellensburg County Kittitas

Location NW1/4-1/4 SE1/4 Sec 35 Twn 18N R 18E

EWM ☒ or WWM ☐

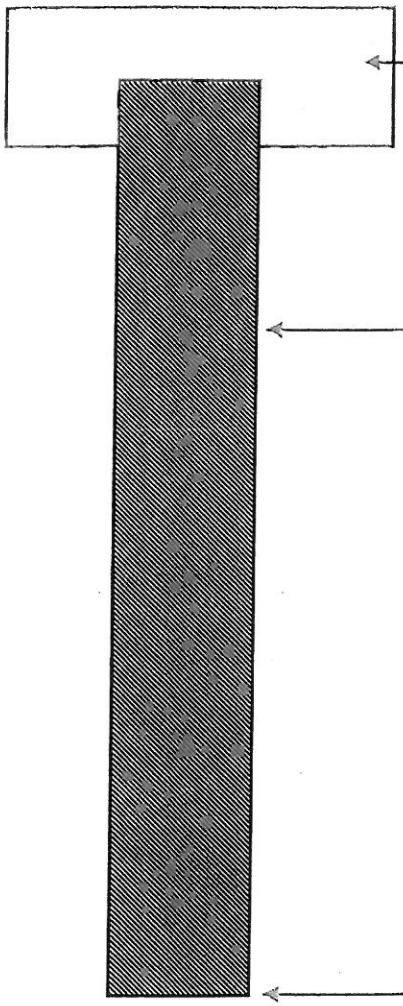
Lat/Long (s, t, r still REQUIRED) Lat Deg ____ Min ____ Sec ____ Long Deg ____ Min ____ Sec ____

Tax Parcel No.

Cased or Uncased Diameter 8" Static Level 25'

Work/Decommission Start Date 5/21/12

Work/Decommission Completed Date 5/21/12

Construction Design	Well Data	Formation Description
	CONCRETE SURFACE SEAL 2 FT	0 - 29 FT 2" PVC
	BACKFILL 27 FT Bentonite Chips	0 - FT
	DEPTH OF BORING 29 FT	

SCALE: 1"= ____ PAGE ____ OF ____

Aspect
CONSULTING

APPENDIX B

Comprehensive Analytical Data Tables: Soil and Groundwater

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-BT-F10-19	G-BT-F13-23	G-BT-F15-20	G-BT-F16-20	G-BT-G13-26	G-BT-G15-20
			Sample Location Description	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample
			Sample Date	04/25/2012	04/27/2012	05/09/2012	05/09/2012	04/27/2012	05/09/2012
			Sample Depth Range	19 - 19 ft	23 - 23 ft	20 - 20 ft	20 - 20 ft	26 - 26 ft	20 - 20 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**						
TPHs									
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**19**	10 U	10 U	10 U	10 U	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U	25 U			**25**	
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U	40 U			40 U	
Paraffin Oils in mg/kg	NWTPH-DX			40 U	40 U			40 U	
EPH/VPH									
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH								
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH								
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH								
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH								
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH								
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH								
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH								
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH								
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH								
Aromatics C8-C10 (EPH) in mg/kg	NWEPH								
Aromatics C8-C10 (VPH) in mg/kg	NWVPH								
Aromatics C10-C12 (EPH) in mg/kg	NWEPH								
Aromatics C10-C12 (VPH) in mg/kg	NWVPH								
Aromatics C12-C13 (VPH) in mg/kg	NWVPH								
Aromatics C12-C16 (EPH) in mg/kg	NWEPH								
Aromatics C16-C21 (EPH) in mg/kg	NWEPH								
Aromatics C21-C34 (EPH) in mg/kg	NWEPH								
BTEX									
Benzene in mg/kg	NWVPH	0.03	18						
Benzene in mg/kg	SW8021B	0.03	18						
Benzene in mg/kg	SW8260B	0.03	18	0.02 U	0.02 U	**0.079**	**0.048**	0.02 U	0.02 U
Benzene in mg/kg	SW8260C	0.03	18						
Toluene in mg/kg	NWVPH	7	6400						
Toluene in mg/kg	SW8021B	7	6400						
Toluene in mg/kg	SW8260B	7	6400	0.03 U	0.03 U	**0.06**	**0.11**	0.03 U	**0.1**
Toluene in mg/kg	SW8260C	7	6400						
Ethylbenzene in mg/kg	NWVPH	**6**	8000						
Ethylbenzene in mg/kg	SW8021B	6	8000						
Ethylbenzene in mg/kg	SW8260B	6	8000	0.03 U	**0.14**	**0.3**	**0.052**	0.03 U	0.03 U
Ethylbenzene in mg/kg	SW8260C	6	8000						
m,p-Xylenes in mg/kg	NWVPH	9							
m,p-Xylenes in mg/kg	SW8260C	9							
o-Xylene in mg/kg	NWVPH	9	16000						
o-Xylene in mg/kg	SW8260C	9	16000						
Total Xylenes in mg/kg	SW8021B	**9**	16000						
Total Xylenes in mg/kg	SW8260B	**9**	16000	0.03 U	0.03 U	**0.1**	**0.12**	**0.13**	**0.13**
Total Xylenes in mg/kg	SW8260C	**9**	16000						
Metals									
Cadmium in mg/kg	EPA200.8	2	80						
Chromium in mg/kg	EPA200.8								
Iron in mg/kg	SW6020A		56000						
Lead in mg/kg	EPA200.8	250							
Lead in mg/kg	SW6010B	250							
Manganese in mg/kg	EPA200.8		11000						
Nickel in mg/kg	EPA200.8		1600						
Zinc in mg/kg	EPA200.8		24000						
PAHs									
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4						
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14						
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4						
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14						
Chrysene in mg/kg	SW8270DSIM		140						
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14						
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4						
Naphthalene in mg/kg	NWVPH	5	1600						
Naphthalene in mg/kg	SW8260B	5	1600	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600						
Other SVOCs									
Hexachlorobutadiene in mg/kg	SW8260C		13						
VOCs									
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38						
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000						
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5						
1,1,2-Trichloroethane in mg/kg	SW8260C		18						
1,1-Dichloroethane in mg/kg	SW8260C		16000						
1,1-Dichloroethene in mg/kg	SW8260C		4000						
1,1-Dichloropropene in mg/kg	SW8260C								
1,2,3-Trichlorobenzene in mg/kg	SW8260C								
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033						
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35						
1,2,4-Trimethylbenzene in mg/kg	SW8260C								
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3						
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5						
1,2-Dichlorobenzene in mg/kg	SW8260C		7200						
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11						
1,2-Dichloropropane in mg/kg	SW8260C								
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800						
1,3-Dichlorobenzene in mg/kg	SW8260C								
1,3-Dichloropropane in mg/kg	SW8260C								
1,4-Dichlorobenzene in mg/kg	SW8260C								
2,2-Dichloropropane in mg/kg	SW8260C								
2-Chlorotoluene in mg/kg	SW8260C		1600						
4-Chlorotoluene in mg/kg	SW8260C								
Bromobenzene in mg/kg	SW8260C								
Bromodichloromethane in mg/kg	SW8260C		16						
Bromoform in mg/kg	SW8260C		130						
Bromomethane in mg/kg	SW8260C		110						
Carbon Tetrachloride in mg/kg	SW8260C		14						
Chlorobenzene in mg/kg	SW8260C		1600						
Chloroethane in mg/kg	SW8260C								
Chloroform in mg/kg	SW8260C		800						
Chloromethane in mg/kg	SW8260C								
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160						
cis-1,3-Dichloropropene in mg/kg	SW8260C								
Dibromochloromethane in mg/kg	SW8260C		12						
Dibromomethane in mg/kg	SW8260C		800						
Dichlorodifluoromethane in mg/kg	SW8260C		16000						
Isopropylbenzene in mg/kg	SW8260C		8000						
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1							
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1							
Methylene Chloride in mg/kg	SW8260C	0.02	130						
n-Butylbenzene in mg/kg	SW8260C								
n-Hexane in mg/kg	SW8260C		4800						
n-Propylbenzene in mg/kg	SW8260C		8000						
p-Isopropyltoluene in mg/kg	SW8260C								
sec-Butylbenzene in mg/kg	SW8260C								
Styrene in mg/kg	SW8260C		16000						
tert-Butylbenzene in mg/kg	SW8260C								
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480						
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600						
trans-1,3-Dichloropropene in mg/kg	SW8260C								
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12						
Trichlorofluoromethane in mg/kg	SW8260C		24000						
Vinyl Chloride in mg/kg	SW8260C		0.67						
Conventionals									
Total Organic Carbon in %	SW9060								

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-BT-H12-23	G-BT-H14-23	G-BT-H15-20	G-BT-H16-20	G-BT-I10-23	G-BT-I16-20	G-BT-J12-22
			Sample Location Description	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample
			Sample Date	04/30/2012	04/30/2012	05/10/2012	05/10/2012	04/26/2012	05/10/2012	04/30/2012
			Sample Depth Range	23 - 23 ft	23 - 23 ft	20 - 20 ft	20 - 20 ft	23 - 23 ft	20 - 20 ft	22 - 22 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**41**	10 U	10 U	10 U	**58**	10 U	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000								
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000								
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	0.02 U	**0.5**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	0.03 U	**0.063**	**0.1**	0.03 U	**0.12**	0.03 U	0.03 U
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	**0.5**	**0.13**	0.03 U	0.03 U	**0.3**	0.03 U	0.03 U
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**1.4**	**0.2**	**0.13**	0.03 U	**0.98**	0.03 U	0.03 U
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	0.03 U	0.03 U	0.03 U	0.03 U	**0.065**	0.03 U	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-BT-J13-22	G-BT-J14-20	G-BT-J16-20	G-BT-K10-20	G-BT-K14-20	G-BT-K14-21	G-BT-K15-21
			Sample Location Description	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample
			Sample Date	04/30/2012	05/11/2012	05/11/2012	04/26/2012	05/11/2012	05/15/2012	05/15/2012
			Sample Depth Range	22 - 22 ft	20 - 20 ft	20 - 20 ft	20 - 20 ft	20 - 20 ft	21 - 21 ft	21 - 21 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**316**	**22**	10 U	**27**	10 U	**10**	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000								
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000								
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	0.02 U	**0.34**	0.02 U	0.02 U	0.02 U	**0.17**	**0.094**
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	**0.14**	**0.29**	0.03 U	0.03 U	0.03 U	**0.13**	0.03 U
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	**0.073**	**0.27**	0.03 U	0.03 U	**0.055**	**0.16**	**0.061**
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**7.84**	**1.54**	**0.081**	0.03 U	0.03 U	**0.45**	**0.3**
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	**7.93**	**0.11**	**0.29**	**0.44**	0.03 U	**0.13**	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-BT-L13-22	G-BT-L14-21	G-BT-M11-24	G-BT-M13-22	G-BT-M14-20	G-BT-N10-22	G-BT-N12-22
			Sample Location Description	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample
			Sample Date	05/01/2012	05/15/2012	05/02/2012	05/02/2012	05/16/2012	05/03/2012	05/03/2012
			Sample Depth Range	22 - 22 ft	21 - 21 ft	24 - 24 ft	22 - 22 ft	20 - 20 ft	22 - 22 ft	22 - 22 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**30**	10 U	10 U	**17**	10 U	10 U	**10**
Diesel Range Organics in mg/kg	NWTPH-DX	2000								
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000								
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	**0.28**	**0.62**	0.02 U	**0.75**	**0.087**	0.02 U	**0.74**
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	0.03 U	0.03 U	0.03 U	**0.42**	0.03 U	0.03 U	**0.15**
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	**0.11**	0.03 U	0.03 U	**0.2**	0.03 U	0.03 U	**0.35**
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**0.11**	**0.13**	0.03 U	**1.17**	**0.077**	**0.09**	**0.38**
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	**0.15**	**0.068**	0.03 U	**0.18**	**0.051**	0.03 U	**0.072**
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-BT-N13-21	G-BT-N14-20	G-BT-N16-20	G-BT-O11-22	G-BT-O12-21	G-BT-O13-20	G-BT-O14-20
			Sample Location Description	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample
			Sample Date	05/09/2012	05/16/2012	05/16/2012	05/03/2012	05/09/2012	05/09/2012	05/14/2012
			Sample Depth Range	21 - 21 ft	20 - 20 ft	20 - 20 ft	22 - 22 ft	21 - 21 ft	20 - 20 ft	20 - 20 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	10 U	10 U	10 U	10 U	**78**	10 U	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U				25 U	25 U	25 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U				40 U	40 U	40 U
Paraffin Oils in mg/kg	NWTPH-DX			40 U				40 U	40 U	40 U
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	**1.59**	**0.38**	**0.59**	0.02 U	**3.46**	**1.36**	0.02 U
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	**0.09**	**0.068**	0.03 U	0.03 U	**0.21**	0.03 U	0.03 U
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	**0.22**	**0.13**	0.03 U	0.03 U	**0.37**	0.03 U	0.03 U
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**0.17**	**0.24**	0.03 U	0.03 U	**1.82**	0.03 U	0.03 U
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	**0.052**	0.03 U	0.03 U	0.03 U	**0.19**	0.03 U	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-BT-O14-21	G-BT-O16-20	G-BT-P12-20	G-BT-P13-20	G-BT-P14-20	G-BT-P14-20	G-BT-P15-20
			Sample Location Description	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample	Gasoline Excavation Bottom Confirmation Sample
			Sample Date	05/09/2012	05/14/2012	05/09/2012	05/09/2012	05/09/2012	05/16/2012	05/14/2012
			Sample Depth Range	21 - 21 ft	20 - 20 ft	20 - 20 ft	20 - 20 ft	20 - 20 ft	20 - 20 ft	20 - 20 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**11**	10 U	**16**	**16**	10 U		10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U		25 U	25 U	25 U		
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U		**979**	40 U	40 U		
Paraffin Oils in mg/kg	NWTPH-DX			40 U		40 U	40 U	40 U		
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	**1.84**	0.02 U	0.02 U	**0.83**	0.02 U		0.02 U
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	**0.09**	**0.22**	0.03 U	**0.094**	0.03 U	0.03 U	0.03 U
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	**0.41**	0.03 U	0.03 U	**0.3**	0.03 U	0.03 U	0.03 U
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**0.14**	0.03 U	**0.15**	**0.48**	0.03 U	0.03 U	0.03 U
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	**0.071**	0.03 U	0.03 U	**0.07**	0.03 U	0.03 U	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-SW-E15-16	G-SW-E16-16	G-SW-F10-10	G-SW-F12-15	G-SW-F14-15	G-SW-F17-16	G-SW-G09-04
			Sample Location Description	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample
			Sample Date	05/09/2012	05/09/2012	04/25/2012	04/27/2012	04/27/2012	05/09/2012	04/25/2012
			Sample Depth Range	16 - 16 ft	16 - 16 ft	10 - 10 ft	15 - 15 ft	15 - 15 ft	16 - 16 ft	4 - 4 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**38**	**195**	10 U	**1810**	**5280**	**16**	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U	25 U	25 U	25 U	25 U	25 U	25 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U	40 U	40 U	40 U	40 U	40 U	40 U
Paraffin Oils in mg/kg	NWTPH-DX			40 U	40 U	40 U	40 U	40 U	40 U	40 U
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	**0.044**	**0.039**	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	0.03 U	0.03 U	0.03 U	**0.45**	0.03 U	0.03 U	0.03 U
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**0.038**	**0.03**	0.03 U	0.03 U	**1.15**	0.03 U	0.03 U
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	0.03 U	0.03 U	0.03 U	**1.45**	**3.65**	0.03 U	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-SW-G10-10	G-SW-G17-16	G-SW-H17-16	G-SW-I10-16	G-SW-I17-16	G-SW-J17-16	G-SW-K10-15
			Sample Location Description	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample
			Sample Date	04/25/2012	05/09/2012	05/10/2012	04/26/2012	05/10/2012	05/11/2012	04/26/2012
			Sample Depth Range	10 - 10 ft	16 - 16 ft	16 - 16 ft	16 - 16 ft	16 - 16 ft	16 - 16 ft	15 - 15 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	10 U	10 U	10 U	**112**	**17**	**67**	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U						
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U						
Paraffin Oils in mg/kg	NWTPH-DX			40 U						
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	0.02 U	0.02 U	0.02 U	**1.07**	0.02 U	0.02 U	0.02 U
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	0.03 U	0.03 U	0.03 U	**0.31**	**0.059**	0.03 U	0.03 U
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	0.03 U	0.03 U	0.03 U	**28.3**	0.03 U	0.03 U	0.03 U
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	0.03 U	0.03 U	0.03 U	**56.3**	0.03 U	**0.073**	0.03 U
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	0.03 U	0.03 U	0.03 U	**6.79**	0.03 U	**0.064**	0.03 U
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-SW-K17-16	G-SW-K17-16	G-SW-L17-08	G-SW-M10-15	G-SW-M17-16	G-SW-N10-15	G-SW-N17-08
			Sample Location Description	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample
			Sample Date	05/11/2012	05/15/2012	05/15/2012	05/02/2012	05/16/2012	05/03/2012	05/16/2012
			Sample Depth Range	16 - 16 ft	16 - 16 ft	8 - 8 ft	15 - 15 ft	16 - 16 ft	15 - 15 ft	8 - 8 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**152**		**26**	10 U	**28**	10 U	**19**
Diesel Range Organics in mg/kg	NWTPH-DX	2000							25 U	
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000							40 U	
Paraffin Oils in mg/kg	NWTPH-DX								40 U	
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18	0.02 U		0.02 U	0.02 U	**1.15**	0.02 U	**0.1**
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400	**0.052**	**0.074**	**0.081**	0.03 U	**0.11**	0.03 U	0.03 U
Toluene in mg/kg	SW8260C	7	6400						0.02 U	
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000	0.03 U	**0.12**	**0.15**	0.03 U	**0.44**	**0.058**	**0.16**
Ethylbenzene in mg/kg	SW8260C	6	8000						**0.058**	
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000	**0.58**	**0.34**	**0.76**	0.03 U	**1.87**	0.03 U	**0.51**
Total Xylenes in mg/kg	SW8260C	**9**	16000						0.03 U	
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600	**0.64**	**0.082**	**0.097**	0.03 U	**0.56**	0.03 U	**0.2**
Naphthalene in mg/kg	SW8260C	5	1600						0.03 U	
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13						0.1 U	
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38						0.03 U	
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000						0.02 U	
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5						0.02 U	
1,1,2-Trichloroethane in mg/kg	SW8260C		18						0.03 U	
1,1-Dichloroethane in mg/kg	SW8260C		16000						0.02 U	
1,1-Dichloroethene in mg/kg	SW8260C		4000						0.05 U	
1,1-Dichloropropene in mg/kg	SW8260C								0.02 U	
1,2,3-Trichlorobenzene in mg/kg	SW8260C								1 U	
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033						0.02 U	
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35						0.05 U	
1,2,4-Trimethylbenzene in mg/kg	SW8260C								0.02 U	
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3						0.03 U	
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5						0.005 U	
1,2-Dichlorobenzene in mg/kg	SW8260C		7200						0.02 U	
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11						0.03 U	
1,2-Dichloropropane in mg/kg	SW8260C								0.02 U	
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800						0.02 U	
1,3-Dichlorobenzene in mg/kg	SW8260C								0.02 U	
1,3-Dichloropropane in mg/kg	SW8260C								0.05 U	
1,4-Dichlorobenzene in mg/kg	SW8260C								0.02 U	
2,2-Dichloropropane in mg/kg	SW8260C								0.05 U	
2-Chlorotoluene in mg/kg	SW8260C		1600						0.02 U	
4-Chlorotoluene in mg/kg	SW8260C								0.02 U	
Bromobenzene in mg/kg	SW8260C								0.03 U	
Bromodichloromethane in mg/kg	SW8260C		16						0.02 U	
Bromoform in mg/kg	SW8260C		130						0.02 U	
Bromomethane in mg/kg	SW8260C		110						0.09 U	
Carbon Tetrachloride in mg/kg	SW8260C		14						0.02 U	
Chlorobenzene in mg/kg	SW8260C		1600						0.02 U	
Chloroethane in mg/kg	SW8260C								0.06 U	
Chloroform in mg/kg	SW8260C		800						0.02 U	
Chloromethane in mg/kg	SW8260C								0.06 U	
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160						0.02 U	
cis-1,3-Dichloropropene in mg/kg	SW8260C								0.02 U	
Dibromochloromethane in mg/kg	SW8260C		12						0.03 U	
Dibromomethane in mg/kg	SW8260C		800						0.04 U	
Dichlorodifluoromethane in mg/kg	SW8260C		16000						0.06 U	
Isopropylbenzene in mg/kg	SW8260C		8000						0.08 U	
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1							0.02 U	
Methylene Chloride in mg/kg	SW8260C	0.02	130						0.02 U	
n-Butylbenzene in mg/kg	SW8260C								**0.085**	
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000						**0.14**	
p-Isopropyltoluene in mg/kg	SW8260C								0.02 U	
sec-Butylbenzene in mg/kg	SW8260C								0.02 U	
Styrene in mg/kg	SW8260C		16000						0.02 U	
tert-Butylbenzene in mg/kg	SW8260C								0.02 U	
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480						0.02 U	
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600						0.02 U	
trans-1,3-Dichloropropene in mg/kg	SW8260C								0.03 U	
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12						0.03 U	
Trichlorofluoromethane in mg/kg	SW8260C		24000						0.05 U	
Vinyl Chloride in mg/kg	SW8260C		0.67						0.02 U	
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	G-SW-P10-15	G-SW-P17-16	G-SW-Q16-16	G-SW-R13-16	G-SW-R14-08	WO-BT-Q10-18	WO-BT-Q11-16
			Sample Location Description	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Gasoline Excavation Sidewall Confirmation Sample	Waste Oil Excavation Bottom Confirmation Sample	Waste Oil Excavation Bottom Confirmation Sample
			Sample Date	05/03/2012	05/14/2012	05/14/2012	05/16/2012	05/16/2012	05/04/2012	05/04/2012
			Sample Depth Range	15 - 15 ft	16 - 16 ft	16 - 16 ft	16 - 16 ft	8 - 8 ft	18 - 18 ft	16 - 16 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	10 U	**1550**	10 U	10 U	10 U	10 U	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000							25 U	25 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000							40 U	**5750**
Paraffin Oils in mg/kg	NWTPH-DX								40 U	40 U
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18		**1.72**	0.02 U	0.02 U	0.02 U		
Benzene in mg/kg	SW8260C	0.03	18						0.02 U	0.02 U
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400		**3.79**	0.03 U	0.03 U	0.03 U		
Toluene in mg/kg	SW8260C	7	6400						0.02 U	0.02 U
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000		**4.95**	0.03 U	0.03 U	0.03 U		
Ethylbenzene in mg/kg	SW8260C	6	8000						0.03 U	0.03 U
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000		**37.6**	**0.087**	0.03 U	0.03 U		
Total Xylenes in mg/kg	SW8260C	**9**	16000						0.03 U	0.03 U
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600		**4.17**	0.03 U	0.03 U	0.03 U		
Naphthalene in mg/kg	SW8260C	5	1600						0.03 U	0.03 U
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13						0.1 U	0.1 U
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38						0.03 U	0.03 U
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000						0.02 U	0.02 U
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5						0.02 U	0.02 U
1,1,2-Trichloroethane in mg/kg	SW8260C		18						0.03 U	0.03 U
1,1-Dichloroethane in mg/kg	SW8260C		16000						0.02 U	0.02 U
1,1-Dichloroethene in mg/kg	SW8260C		4000						0.05 U	0.05 U
1,1-Dichloropropene in mg/kg	SW8260C								0.02 U	0.02 U
1,2,3-Trichlorobenzene in mg/kg	SW8260C								1 U	1 U
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033						0.02 U	0.02 U
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35						0.05 U	0.05 U
1,2,4-Trimethylbenzene in mg/kg	SW8260C								0.02 U	0.02 U
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3						0.03 U	0.03 U
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5						0.005 U	0.005 U
1,2-Dichlorobenzene in mg/kg	SW8260C		7200						0.02 U	0.02 U
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11						0.03 U	0.03 U
1,2-Dichloropropane in mg/kg	SW8260C								0.02 U	0.02 U
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800						0.02 U	0.02 U
1,3-Dichlorobenzene in mg/kg	SW8260C								0.02 U	0.02 U
1,3-Dichloropropane in mg/kg	SW8260C								0.05 U	0.05 U
1,4-Dichlorobenzene in mg/kg	SW8260C								0.02 U	0.02 U
2,2-Dichloropropane in mg/kg	SW8260C								0.05 U	0.05 U
2-Chlorotoluene in mg/kg	SW8260C		1600						0.02 U	0.02 U
4-Chlorotoluene in mg/kg	SW8260C								0.02 U	0.02 U
Bromobenzene in mg/kg	SW8260C								0.03 U	0.03 U
Bromodichloromethane in mg/kg	SW8260C		16						0.02 U	0.02 U
Bromoform in mg/kg	SW8260C		130						0.02 U	0.02 U
Bromomethane in mg/kg	SW8260C		110						0.09 U	0.09 U
Carbon Tetrachloride in mg/kg	SW8260C		14						0.02 U	0.02 U
Chlorobenzene in mg/kg	SW8260C		1600						0.02 U	0.02 U
Chloroethane in mg/kg	SW8260C								0.06 U	0.06 U
Chloroform in mg/kg	SW8260C		800						0.02 U	0.02 U
Chloromethane in mg/kg	SW8260C								0.06 U	0.06 U
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160						0.02 U	0.02 U
cis-1,3-Dichloropropene in mg/kg	SW8260C								0.02 U	0.02 U
Dibromochloromethane in mg/kg	SW8260C		12						0.03 U	0.03 U
Dibromomethane in mg/kg	SW8260C		800						0.04 U	0.04 U
Dichlorodifluoromethane in mg/kg	SW8260C		16000						0.06 U	0.06 U
Isopropylbenzene in mg/kg	SW8260C		8000						0.08 U	0.08 U
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1							0.02 U	0.02 U
Methylene Chloride in mg/kg	SW8260C	0.02	130						0.02 U	0.02 U
n-Butylbenzene in mg/kg	SW8260C								0.02 U	0.02 U
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000						0.02 U	0.02 U
p-Isopropyltoluene in mg/kg	SW8260C								0.02 U	0.02 U
sec-Butylbenzene in mg/kg	SW8260C								0.02 U	0.02 U
Styrene in mg/kg	SW8260C		16000						0.02 U	0.02 U
tert-Butylbenzene in mg/kg	SW8260C								0.02 U	0.02 U
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480						0.02 U	0.02 U
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600						0.02 U	0.02 U
trans-1,3-Dichloropropene in mg/kg	SW8260C								0.03 U	0.03 U
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12						0.03 U	0.03 U
Trichlorofluoromethane in mg/kg	SW8260C		24000						0.05 U	0.05 U
Vinyl Chloride in mg/kg	SW8260C		0.67						0.02 U	0.02 U
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	WO-BT-Q11-19	WO-BT-Q13-19	WO-SW-M10-07	WO-SW-P10-07	WO-SW-Q10-04	WO-SW-Q10-08	WO-SW-Q10-16
			Sample Location Description	Waste Oil Excavation Bottom Confirmation Sample	Waste Oil Excavation Bottom Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample
			Sample Date	05/04/2012	05/04/2012	05/01/2012	05/03/2012	05/04/2012	05/04/2012	05/04/2012
			Sample Depth Range	19 - 19 ft	19 - 19 ft	7 - 7 ft	7 - 7 ft	4 - 4 ft	8 - 8 ft	16 - 16 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U	25 U	25 U	25 U	25 U	25 U	25 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U	40 U	40 U	40 U	40 U	40 U	**1750**
Paraffin Oils in mg/kg	NWTPH-DX			40 U	40 U	40 U	40 U	40 U	40 U	40 U
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
1,1,2-Trichloroethane in mg/kg	SW8260C		18	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
1,1-Dichloroethane in mg/kg	SW8260C		16000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
1,1-Dichloroethene in mg/kg	SW8260C		4000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-Dichloropropene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
1,2,3-Trichlorobenzene in mg/kg	SW8260C			1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U
1,2,4-Trimethylbenzene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3	0.03 U	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene in mg/kg	SW8260C		7200	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
1,2-Dichloropropane in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
1,3-Dichlorobenzene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
1,3-Dichloropropane in mg/kg	SW8260C			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,4-Dichlorobenzene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
2,2-Dichloropropane in mg/kg	SW8260C			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Chlorotoluene in mg/kg	SW8260C		1600	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
4-Chlorotoluene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
Bromobenzene in mg/kg	SW8260C			0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Bromodichloromethane in mg/kg	SW8260C		16	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromoform in mg/kg	SW8260C		130	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromomethane in mg/kg	SW8260C		110	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
Carbon Tetrachloride in mg/kg	SW8260C		14	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene in mg/kg	SW8260C		1600	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chloroethane in mg/kg	SW8260C			0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Chloroform in mg/kg	SW8260C		800	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chloromethane in mg/kg	SW8260C			0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-1,3-Dichloropropene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dibromochloromethane in mg/kg	SW8260C		12	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Dibromomethane in mg/kg	SW8260C		800	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Dichlorodifluoromethane in mg/kg	SW8260C		16000	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Isopropylbenzene in mg/kg	SW8260C		8000	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methylene Chloride in mg/kg	SW8260C	0.02	130	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
n-Butylbenzene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
p-Isopropyltoluene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
sec-Butylbenzene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
Styrene in mg/kg	SW8260C		16000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
tert-Butylbenzene in mg/kg	SW8260C			0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
trans-1,3-Dichloropropene in mg/kg	SW8260C			0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Trichlorofluoromethane in mg/kg	SW8260C		24000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Vinyl Chloride in mg/kg	SW8260C		0.67	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	WO-SW-Q11-05	WO-SW-Q11-10	WO-SW-Q11-16	WO-SW-Q13-08	WO-SW-Q13-16	B-01	B-01
			Sample Location Description	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Waste Oil Excavation Sidewall Confirmation Sample	Boring South of MW-8	Boring South of MW-8
			Sample Date	05/04/2012	05/04/2012	05/04/2012	05/04/2012	05/04/2012	09/16/2014	09/16/2014
			Sample Depth Range	5 - 5 ft	10 - 10 ft	16 - 16 ft	8 - 8 ft	16 - 16 ft	12 - 12 ft	18 - 18 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	10 U	10 U	10 U	10 U	10 U	**3.5**	2 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		25 U	25 U	25 U	25 U	25 U	50 U	50 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		40 U	40 U	**830**	40 U	40 U	250 U	250 U
Paraffin Oils in mg/kg	NWTPH-DX			40 U	40 U	40 U	40 U	40 U		
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH								2.11 U	
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH								2.11 U	
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH								5.7 U	
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH								2.11 U	
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH								5.7 U	
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH								2.11 U	
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH								5.7 U	
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH								5.7 U	
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH								**10.2**	
Aromatics C8-C10 (EPH) in mg/kg	NWEPH								5.7 U	
Aromatics C8-C10 (VPH) in mg/kg	NWVPH								2.11 U	
Aromatics C10-C12 (EPH) in mg/kg	NWEPH								5.7 U	
Aromatics C10-C12 (VPH) in mg/kg	NWVPH								**2.24**	
Aromatics C12-C13 (VPH) in mg/kg	NWVPH								2.11 U	
Aromatics C12-C16 (EPH) in mg/kg	NWEPH								5.7 U	
Aromatics C16-C21 (EPH) in mg/kg	NWEPH								**11.1**	
Aromatics C21-C34 (EPH) in mg/kg	NWEPH								**23.2 J**	
BTEX										
Benzene in mg/kg	NWVPH	0.03	18						0.526 U	
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.003 U	0.003 U
Toluene in mg/kg	NWVPH	7	6400						0.526 U	
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.005 U	0.005 U
Ethylbenzene in mg/kg	NWVPH	**6**	8000						0.526 U	
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.005 U	0.005 U
m,p-Xylenes in mg/kg	NWVPH	9							0.526 U	
m,p-Xylenes in mg/kg	SW8260C	9							0.01 U	0.01 U
o-Xylene in mg/kg	NWVPH	9	16000						0.526 U	
o-Xylene in mg/kg	SW8260C	9	16000						0.005 U	0.005 U
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
Metals										
Cadmium in mg/kg	EPA200.8	2	80						1 U	1 U
Chromium in mg/kg	EPA200.8								**6.07**	**5.52**
Iron in mg/kg	SW6020A		56000						**42400**	**27600**
Lead in mg/kg	EPA200.8	250							**3.37**	**2.24**
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000						**775**	**368**
Nickel in mg/kg	EPA200.8		1600						**5.05**	**5.91**
Zinc in mg/kg	EPA200.8		24000						**28.4**	**19.9**
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600						0.526 U	
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.005 U	0.005 U
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,1,2-Trichloroethane in mg/kg	SW8260C		18	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
1,1-Dichloroethane in mg/kg	SW8260C		16000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,1-Dichloroethene in mg/kg	SW8260C		4000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
1,1-Dichloropropene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,2,3-Trichlorobenzene in mg/kg	SW8260C			1 U	1 U	1 U	1 U	1 U		
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
1,2,4-Trimethylbenzene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene in mg/kg	SW8260C		7200	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.005 U	0.005 U
1,2-Dichloropropane in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,3-Dichlorobenzene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
1,3-Dichloropropane in mg/kg	SW8260C			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
1,4-Dichlorobenzene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
2,2-Dichloropropane in mg/kg	SW8260C			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
2-Chlorotoluene in mg/kg	SW8260C		1600	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
4-Chlorotoluene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Bromobenzene in mg/kg	SW8260C			0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
Bromodichloromethane in mg/kg	SW8260C		16	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Bromoform in mg/kg	SW8260C		130	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Bromomethane in mg/kg	SW8260C		110	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		
Carbon Tetrachloride in mg/kg	SW8260C		14	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Chlorobenzene in mg/kg	SW8260C		1600	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Chloroethane in mg/kg	SW8260C			0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		
Chloroform in mg/kg	SW8260C		800	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Chloromethane in mg/kg	SW8260C			0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
cis-1,3-Dichloropropene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Dibromochloromethane in mg/kg	SW8260C		12	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
Dibromomethane in mg/kg	SW8260C		800	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U		
Dichlorodifluoromethane in mg/kg	SW8260C		16000	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		
Isopropylbenzene in mg/kg	SW8260C		8000	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1							0.526 U	
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.005 U	0.005 U
Methylene Chloride in mg/kg	SW8260C	0.02	130	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
n-Butylbenzene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
n-Hexane in mg/kg	SW8260C		4800						0.025 U	0.025 U
n-Propylbenzene in mg/kg	SW8260C		8000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
p-Isopropyltoluene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
sec-Butylbenzene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Styrene in mg/kg	SW8260C		16000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
tert-Butylbenzene in mg/kg	SW8260C			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
trans-1,3-Dichloropropene in mg/kg	SW8260C			0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
Trichlorofluoromethane in mg/kg	SW8260C		24000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
Vinyl Chloride in mg/kg	SW8260C		0.67	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
Conventionals										
Total Organic Carbon in %	SW9060								0.05 U	

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	B-01	B-02	B-02	B-02	B-03	B-03	B-03
			Sample Location Description	Boring South of MW-8	Boring South of MW-1	Boring South of MW-1	Boring South of MW-1	Boring Adjacent East of Former Tank Basin	Boring Adjacent East of Former Tank Basin	Boring Adjacent East of Former Tank Basin
			Sample Date	09/16/2014	09/16/2014	09/16/2014	09/16/2014	09/16/2014	09/16/2014	09/16/2014
			Sample Depth Range	30 - 30 ft	9.5 - 9.5 ft	13 - 13 ft	30 - 30 ft	11.5 - 11.5 ft	14 - 14 ft	30 - 30 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	2 U	**12**	2 U	2 U	**400**	**72**	2 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000			50 U	50 U		50 U	50 U	
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000			250 U	250 U		250 U	250 U	
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH					1.92 U		**11.5**		
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH					1.92 U		**50.2**		
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH					6.29 U		**18.5**		
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH					1.92 U		**21.5**		
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH					6.29 U		**11.2**		
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH					1.92 U		**41.1**		
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH					6.29 U		5.99 U		
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH					6.29 U		5.99 U		
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH					**11.7**		**10.9**		
Aromatics C8-C10 (EPH) in mg/kg	NWEPH					6.29 U		**7.8**		
Aromatics C8-C10 (VPH) in mg/kg	NWVPH					1.92 U		**44.8**		
Aromatics C10-C12 (EPH) in mg/kg	NWEPH					6.29 U		**6.98**		
Aromatics C10-C12 (VPH) in mg/kg	NWVPH					1.92 U		**122**		
Aromatics C12-C13 (VPH) in mg/kg	NWVPH					1.92 U		**15.3**		
Aromatics C12-C16 (EPH) in mg/kg	NWEPH					6.29 U		5.99 U		
Aromatics C16-C21 (EPH) in mg/kg	NWEPH					**8.37**		**7.01**		
Aromatics C21-C34 (EPH) in mg/kg	NWEPH					**16.9 J**		**19.8 J**		
BTEX										
Benzene in mg/kg	NWVPH	0.03	18			0.479 U		0.273 U		
Benzene in mg/kg	SW8021B	0.03	18	0.02 U			0.02 U			0.02 U
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18		0.003 U	0.003 U		**0.0039**	0.003 U	
Toluene in mg/kg	NWVPH	7	6400			0.479 U		**0.625**		
Toluene in mg/kg	SW8021B	7	6400	0.02 U			0.02 U			0.02 U
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400		0.005 U	0.005 U		0.005 U	0.005 U	
Ethylbenzene in mg/kg	NWVPH	**6**	8000			0.479 U		**6.92**		
Ethylbenzene in mg/kg	SW8021B	6	8000	0.02 U			0.02 U			0.02 U
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000		0.005 U	0.005 U				
m,p-Xylenes in mg/kg	NWVPH	9				0.479 U		**5.25**		
m,p-Xylenes in mg/kg	SW8260C	9			0.01 U	0.01 U			**0.12**	
o-Xylene in mg/kg	NWVPH	9	16000			0.479 U		**0.341**		
o-Xylene in mg/kg	SW8260C	9	16000		0.005 U	0.005 U		**0.013**	0.005 U	
Total Xylenes in mg/kg	SW8021B	**9**	16000	0.06 U			0.06 U			0.06 U
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80		1 U	1 U		1 U	1 U	
Chromium in mg/kg	EPA200.8				**5.63**	**7.81**		**7.56**	**6.65**	
Iron in mg/kg	SW6020A		56000		**33700**	**33100**		**36700**	**29300**	
Lead in mg/kg	EPA200.8	250			**4.15**	**3.6**		**10.4**	**3.51**	
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000		**418**	**694**		**1460**	**598**	
Nickel in mg/kg	EPA200.8		1600		**9.99**	**6.15**		**9.18**	**8.35**	
Zinc in mg/kg	EPA200.8		24000		**22.5**	**29.5**		**33.8**	**33.4**	
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600			0.479 U		**1.61**		
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600		0.005 U	0.005 U			**0.063**	
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5		0.005 U	0.005 U		0.005 U	0.005 U	
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11		0.005 U	0.005 U		0.005 U	0.005 U	
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1				0.479 U		0.273 U		
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1			0.005 U	0.005 U		0.005 U	0.005 U	
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800		0.025 U	0.025 U				
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060					0.05 U		0.05 U		

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-01	MW-01	MW-07	MW-08	MW-09	MW-10	MW-10
			Sample Location Description	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well
			Sample Date	7/21/2008	7/21/2008	02/06/2013	02/07/2013	02/05/2013	02/04/2013	02/04/2013
			Sample Depth Range	15.5 - 15.5 ft	20.5 - 20.5 ft	16.5 - 16.5 ft	23 - 23 ft	16 - 16 ft	20 - 20 ft	25 - 25 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**51**	**25**	2 U	2 U	**730**	2 U	2 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		50 U	50 U	50 U	50 U	50 U	50 U	50 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		250 U	250 U	250 U	250 U	250 U	250 U	250 U
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18	0.02 U	0.02 U					
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18			0.03 U	0.03 U	**0.19**	0.03 U	0.03 U
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400	**0.09**	**0.06**					
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400			0.05 U	0.05 U	**0.098**	0.05 U	0.05 U
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000	0.02 U	0.02 U					
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000			0.05 U	0.05 U	**2.1**	0.05 U	0.05 U
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9				0.1 U	0.1 U	**3.3**	0.1 U	0.1 U
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000			0.05 U	0.05 U	**0.19**	0.05 U	0.05 U
Total Xylenes in mg/kg	SW8021B	**9**	16000	**0.52**	**0.41**					
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250				**5.52**	**1.61**	**9.13**	**3.88**	**2.27**
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600			0.05 U	0.05 U	**0.99**	0.05 U	0.05 U
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1				0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-11	MW-11	MW-12	MW-12	MW-13	MW-14	MW-14
			Sample Location Description	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well
			Sample Date	02/04/2013	02/04/2013	02/05/2013	02/05/2013	09/16/2014	09/15/2014	09/15/2014
			Sample Depth Range	15 - 15 ft	23 - 23 ft	17.5 - 17.5 ft	23 - 23 ft	14 - 14 ft	12 - 12 ft	18 - 18 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**1600**	**7.6**	2 U	2 U	2 U	2 U	2 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		50 U	50 U	50 U	50 U	50 U	50 U	50 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		250 U	250 U	250 U	250 U	250 U	250 U	250 U
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH							5.44 U	5.83 U	
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH							5.44 U	5.83 U	
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH							5.44 U	5.83 U	
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH							5.44 U	**10.9**	
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH							**10.6**	**10.3**	
Aromatics C8-C10 (EPH) in mg/kg	NWEPH							5.44 U	5.83 U	
Aromatics C8-C10 (VPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aromatics C10-C12 (EPH) in mg/kg	NWEPH							5.44 U	5.83 U	
Aromatics C10-C12 (VPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aromatics C12-C13 (VPH) in mg/kg	NWVPH							1.63 U	1.78 U	
Aromatics C12-C16 (EPH) in mg/kg	NWEPH							5.44 U	5.83 U	
Aromatics C16-C21 (EPH) in mg/kg	NWEPH							**10.9**	**14.4**	
Aromatics C21-C34 (EPH) in mg/kg	NWEPH							**17.5 J**	**17.4 J**	
BTEX										
Benzene in mg/kg	NWVPH	0.03	18					0.408 U	0.446 U	
Benzene in mg/kg	SW8021B	0.03	18							
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18	**0.12**	0.03 U	0.03 U	0.03 U	0.003 U	0.003 U	0.003 U
Toluene in mg/kg	NWVPH	7	6400					0.408 U	0.446 U	
Toluene in mg/kg	SW8021B	7	6400							
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400	**0.11**	0.05 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U
Ethylbenzene in mg/kg	NWVPH	**6**	8000					0.408 U	0.446 U	
Ethylbenzene in mg/kg	SW8021B	6	8000							
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000	**0.73**	0.05 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U
m,p-Xylenes in mg/kg	NWVPH	9						0.408 U	0.446 U	
m,p-Xylenes in mg/kg	SW8260C	9		**1.3**	0.1 U	0.1 U	0.1 U	0.01 U	0.01 U	0.01 U
o-Xylene in mg/kg	NWVPH	9	16000					0.408 U	0.446 U	
o-Xylene in mg/kg	SW8260C	9	16000	**0.4**	0.05 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U
Total Xylenes in mg/kg	SW8021B	**9**	16000							
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80	1 U		1 U		1 U	1 U	1 U
Chromium in mg/kg	EPA200.8			**11.1**		**8.49**		**6.25**	**8.66**	**11.4**
Iron in mg/kg	SW6020A		56000					**34800**	**32100**	**32600**
Lead in mg/kg	EPA200.8	250		**3.31**		**2.77**		**2.47**	**4.62**	**2.28**
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000					**703**	**1240**	**642**
Nickel in mg/kg	EPA200.8		1600	**12.9**		**8.58**		**9.58**	**9.83**	**18**
Zinc in mg/kg	EPA200.8		24000	**28.6**		**27.9**		**21.4**	**34.5**	**26.9**
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4	0.01 U		0.01 U				
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14	0.01 U		0.01 U				
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4	0.01 U		0.01 U				
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14	0.01 U		0.01 U				
Chrysene in mg/kg	SW8270DSIM		140	0.01 U		0.01 U				
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14	0.01 U		0.01 U				
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4	0.01 U		0.01 U				
Naphthalene in mg/kg	NWVPH	5	1600					0.408 U	0.446 U	
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600	**0.33**	0.05 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000	0.05 U		0.05 U				
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000	0.05 U		0.05 U				
1,1-Dichloroethene in mg/kg	SW8260C		4000	0.05 U		0.05 U				
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5					0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11	0.05 U		0.05 U		0.005 U	0.005 U	0.005 U
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C			0.5 UJ		0.5 UJ				
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160	0.05 U		0.05 U				
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1						0.408 U	0.446 U	
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1						0.005 U	0.005 U	0.005 U
Methylene Chloride in mg/kg	SW8260C	0.02	130	0.5 U		0.5 U				
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800					0.025 U	0.025 U	0.025 U
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480	0.025 U		0.025 U				
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600	0.05 U		0.05 U				
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12	0.03 U		0.03 U				
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67	0.05 U		0.05 U				
Conventionals										
Total Organic Carbon in %	SW9060							0.05 U	0.05 U	

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-15	MW-15	MW-15	MW-16	MW-16	MW-16	MW-18
			Sample Location Description	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well
			Sample Date	09/15/2014	09/15/2014	09/15/2014	09/15/2014	09/15/2014	09/15/2014	09/06/2016
			Sample Depth Range	12.5 - 12.5 ft	16 - 16 ft	29 - 29 ft	14 - 14 ft	17.5 - 17.5 ft	30 - 30 ft	13 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	**66**	2 U	2 U	**1500**	**18**	2 U	2 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		50 U	50 U		50 U	50 U		50 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		250 U	250 U		250 U	250 U		250 U
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH			1.54 U			1.74 U			
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH			1.54 U			17.4 U			
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH			1.54 U			1.74 U			
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH			15.4 U			1.74 U			
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH			**10.5**			**10.9**			
Aromatics C8-C10 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aromatics C8-C10 (VPH) in mg/kg	NWVPH			1.54 U			1.74 U			
Aromatics C10-C12 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aromatics C10-C12 (VPH) in mg/kg	NWVPH			**59.7**			17.4 U			
Aromatics C12-C13 (VPH) in mg/kg	NWVPH			1.54 U			1.74 U			
Aromatics C12-C16 (EPH) in mg/kg	NWEPH			5.61 U			5.94 U			
Aromatics C16-C21 (EPH) in mg/kg	NWEPH			**5.61**			**12.8**			
Aromatics C21-C34 (EPH) in mg/kg	NWEPH			**8.86 J**			**22 J**			
BTEX										
Benzene in mg/kg	NWVPH	0.03	18	0.386 U			0.436 U			
Benzene in mg/kg	SW8021B	0.03	18			0.02 U			0.02 U	0.02 U
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18	0.003 U	0.003 U		0.003 U	0.003 U		
Toluene in mg/kg	NWVPH	7	6400	0.386 U			0.436 U			
Toluene in mg/kg	SW8021B	7	6400			0.02 U			0.02 U	0.02 U
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400	0.005 U	0.005 U		0.005 U	0.005 U		
Ethylbenzene in mg/kg	NWVPH	**6**	8000	0.386 U			0.436 U			
Ethylbenzene in mg/kg	SW8021B	6	8000			0.02 U			0.02 U	0.02 U
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000	0.005 U	0.005 U		**0.04**	**0.0055**		
m,p-Xylenes in mg/kg	NWVPH	9		0.386 U			0.436 U			
m,p-Xylenes in mg/kg	SW8260C	9		0.01 U	0.01 U		**0.03**	0.01 U		
o-Xylene in mg/kg	NWVPH	9	16000	0.386 U			0.436 U			
o-Xylene in mg/kg	SW8260C	9	16000	0.005 U	0.005 U		0.005 U	0.005 U		
Total Xylenes in mg/kg	SW8021B	**9**	16000			0.06 U			0.06 U	0.06 U
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80	1 U	1 U		1 U	1 U		
Chromium in mg/kg	EPA200.8			**6.94**	**11.9**		**8.74**	**11.7**		
Iron in mg/kg	SW6020A		56000	**35300**	**31500**		**37400**	**27600**		
Lead in mg/kg	EPA200.8	250		**4.19**	**5.06**		**6.44**	**4.11**		
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000	**1160**	**292**		**1040**	**302**		
Nickel in mg/kg	EPA200.8		1600	**8.3**	**12**		**10.7**	**12.1**		
Zinc in mg/kg	EPA200.8		24000	**34.7**	**50.7**		**37.7**	**37.2**		
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600	0.386 U			0.436 U			
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600	0.005 U	0.005 U		**0.033**	0.005 U		
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5	0.005 U	0.005 U		0.005 U	0.005 U		
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11	0.005 U	0.005 U		0.005 U	0.005 U		
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1		0.386 U			0.436 U			
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1		0.005 U	0.005 U		0.005 U	0.005 U		
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800	0.025 U	0.025 U					
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060			0.05 U			0.05 U			

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-18	MW-19	MW-19	MW-20	MW-20	MW-20	MW-20
			Sample Location Description	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well
			Sample Date	09/06/2016	09/06/2016	09/06/2016	09/07/2016	09/07/2016	09/07/2016	09/07/2016
			Sample Depth Range	28 ft	13 ft	26 ft	17 ft	20 ft	28 ft	15 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	2 U	2 U	2 U	**6500**	2 U	2 U	**790**
Diesel Range Organics in mg/kg	NWTPH-DX	2000		50 U	50 U	50 U	**1100 X**	50 U	50 U	50 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		250 U	250 U	250 U	250 U	250 U	250 U	250 U
Paraffin Oils in mg/kg	NWTPH-DX									
EPH/VPH										
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH									
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH									
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH									
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH									
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH									
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH									
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH									
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (EPH) in mg/kg	NWEPH									
Aromatics C8-C10 (VPH) in mg/kg	NWVPH									
Aromatics C10-C12 (EPH) in mg/kg	NWEPH									
Aromatics C10-C12 (VPH) in mg/kg	NWVPH									
Aromatics C12-C13 (VPH) in mg/kg	NWVPH									
Aromatics C12-C16 (EPH) in mg/kg	NWEPH									
Aromatics C16-C21 (EPH) in mg/kg	NWEPH									
Aromatics C21-C34 (EPH) in mg/kg	NWEPH									
BTEX										
Benzene in mg/kg	NWVPH	0.03	18							
Benzene in mg/kg	SW8021B	0.03	18	0.02 U	0.02 U	0.02 U	**41**	0.02 U	0.02 U	**0.68**
Benzene in mg/kg	SW8260B	0.03	18							
Benzene in mg/kg	SW8260C	0.03	18							
Toluene in mg/kg	NWVPH	7	6400							
Toluene in mg/kg	SW8021B	7	6400	0.02 U	0.02 U	0.02 U	**41**	0.02 U	0.02 U	**3.7**
Toluene in mg/kg	SW8260B	7	6400							
Toluene in mg/kg	SW8260C	7	6400							
Ethylbenzene in mg/kg	NWVPH	**6**	8000							
Ethylbenzene in mg/kg	SW8021B	6	8000	0.02 U	0.02 U	0.02 U	**20**	0.02 U	0.02 U	**3**
Ethylbenzene in mg/kg	SW8260B	6	8000							
Ethylbenzene in mg/kg	SW8260C	6	8000							
m,p-Xylenes in mg/kg	NWVPH	9								
m,p-Xylenes in mg/kg	SW8260C	9								
o-Xylene in mg/kg	NWVPH	9	16000							
o-Xylene in mg/kg	SW8260C	9	16000							
Total Xylenes in mg/kg	SW8021B	**9**	16000	0.06 U	0.06 U	0.06 U	**130**	0.06 U	0.06 U	**6.1**
Total Xylenes in mg/kg	SW8260B	**9**	16000							
Total Xylenes in mg/kg	SW8260C	**9**	16000							
Metals										
Cadmium in mg/kg	EPA200.8	2	80							
Chromium in mg/kg	EPA200.8									
Iron in mg/kg	SW6020A		56000							
Lead in mg/kg	EPA200.8	250								
Lead in mg/kg	SW6010B	250								
Manganese in mg/kg	EPA200.8		11000							
Nickel in mg/kg	EPA200.8		1600							
Zinc in mg/kg	EPA200.8		24000							
PAHs										
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4							
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14							
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4							
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14							
Chrysene in mg/kg	SW8270DSIM		140							
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14							
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4							
Naphthalene in mg/kg	NWVPH	5	1600							
Naphthalene in mg/kg	SW8260B	5	1600							
Naphthalene in mg/kg	SW8260C	5	1600							
Other SVOCs										
Hexachlorobutadiene in mg/kg	SW8260C		13							
VOCs										
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38							
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000							
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5							
1,1,2-Trichloroethane in mg/kg	SW8260C		18							
1,1-Dichloroethane in mg/kg	SW8260C		16000							
1,1-Dichloroethene in mg/kg	SW8260C		4000							
1,1-Dichloropropene in mg/kg	SW8260C									
1,2,3-Trichlorobenzene in mg/kg	SW8260C									
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033							
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35							
1,2,4-Trimethylbenzene in mg/kg	SW8260C									
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3							
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5							
1,2-Dichlorobenzene in mg/kg	SW8260C		7200							
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11							
1,2-Dichloropropane in mg/kg	SW8260C									
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800							
1,3-Dichlorobenzene in mg/kg	SW8260C									
1,3-Dichloropropane in mg/kg	SW8260C									
1,4-Dichlorobenzene in mg/kg	SW8260C									
2,2-Dichloropropane in mg/kg	SW8260C									
2-Chlorotoluene in mg/kg	SW8260C		1600							
4-Chlorotoluene in mg/kg	SW8260C									
Bromobenzene in mg/kg	SW8260C									
Bromodichloromethane in mg/kg	SW8260C		16							
Bromoform in mg/kg	SW8260C		130							
Bromomethane in mg/kg	SW8260C		110							
Carbon Tetrachloride in mg/kg	SW8260C		14							
Chlorobenzene in mg/kg	SW8260C		1600							
Chloroethane in mg/kg	SW8260C									
Chloroform in mg/kg	SW8260C		800							
Chloromethane in mg/kg	SW8260C									
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160							
cis-1,3-Dichloropropene in mg/kg	SW8260C									
Dibromochloromethane in mg/kg	SW8260C		12							
Dibromomethane in mg/kg	SW8260C		800							
Dichlorodifluoromethane in mg/kg	SW8260C		16000							
Isopropylbenzene in mg/kg	SW8260C		8000							
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1								
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1								
Methylene Chloride in mg/kg	SW8260C	0.02	130							
n-Butylbenzene in mg/kg	SW8260C									
n-Hexane in mg/kg	SW8260C		4800							
n-Propylbenzene in mg/kg	SW8260C		8000							
p-Isopropyltoluene in mg/kg	SW8260C									
sec-Butylbenzene in mg/kg	SW8260C									
Styrene in mg/kg	SW8260C		16000							
tert-Butylbenzene in mg/kg	SW8260C									
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480							
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600							
trans-1,3-Dichloropropene in mg/kg	SW8260C									
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12							
Trichlorofluoromethane in mg/kg	SW8260C		24000							
Vinyl Chloride in mg/kg	SW8260C		0.67							
Conventionals										
Total Organic Carbon in %	SW9060									

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-1. Soil Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-21	MW-21	MW-21	MW-22	MW-22
			Sample Location Description	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well
			Sample Date	09/07/2016	09/07/2016	09/07/2016	09/07/2016	09/07/2016
			Sample Depth Range	15 ft	18 ft	28 ft	17 ft	28 ft
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**					
TPHs								
Gasoline Range Organics in mg/kg	NWTPH-GX	**30**	1500	2 U	2 U	2 U	2 U	2 U
Diesel Range Organics in mg/kg	NWTPH-DX	2000		50 U	50 U	50 U	50 U	50 U
Motor Oil Range Organics in mg/kg	NWTPH-DX	2000		250 U	250 U	250 U	250 U	250 U
Paraffin Oils in mg/kg	NWTPH-DX							
EPH/VPH								
Aliphatics C5-C6 (VPH) in mg/kg	NWVPH							
Aliphatics C6-C8 (VPH) in mg/kg	NWVPH							
Aliphatics C8-C10 (EPH) in mg/kg	NWEPH							
Aliphatics C8-C10 (EPH) in mg/kg	NWVPH							
Aliphatics C10-C12 (EPH) in mg/kg	NWEPH							
Aliphatics C10-C12 (VPH) in mg/kg	NWVPH							
Aliphatics C12-C16 (EPH) in mg/kg	NWEPH							
Aliphatics C16-C21 (EPH) in mg/kg	NWEPH							
Aliphatics C21-C34 (EPH) in mg/kg	NWEPH							
Aromatics C8-C10 (EPH) in mg/kg	NWEPH							
Aromatics C8-C10 (VPH) in mg/kg	NWVPH							
Aromatics C10-C12 (EPH) in mg/kg	NWEPH							
Aromatics C10-C12 (VPH) in mg/kg	NWVPH							
Aromatics C12-C13 (VPH) in mg/kg	NWVPH							
Aromatics C12-C16 (EPH) in mg/kg	NWEPH							
Aromatics C16-C21 (EPH) in mg/kg	NWEPH							
Aromatics C21-C34 (EPH) in mg/kg	NWEPH							
BTEX								
Benzene in mg/kg	NWVPH	0.03	18					
Benzene in mg/kg	SW8021B	0.03	18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Benzene in mg/kg	SW8260B	0.03	18					
Benzene in mg/kg	SW8260C	0.03	18					
Toluene in mg/kg	NWVPH	7	6400					
Toluene in mg/kg	SW8021B	7	6400	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toluene in mg/kg	SW8260B	7	6400					
Toluene in mg/kg	SW8260C	7	6400					
Ethylbenzene in mg/kg	NWVPH	**6**	8000					
Ethylbenzene in mg/kg	SW8021B	6	8000	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Ethylbenzene in mg/kg	SW8260B	6	8000					
Ethylbenzene in mg/kg	SW8260C	6	8000					
m,p-Xylenes in mg/kg	NWVPH	9						
m,p-Xylenes in mg/kg	SW8260C	9						
o-Xylene in mg/kg	NWVPH	9	16000					
o-Xylene in mg/kg	SW8260C	9	16000					
Total Xylenes in mg/kg	SW8021B	**9**	16000	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Total Xylenes in mg/kg	SW8260B	**9**	16000					
Total Xylenes in mg/kg	SW8260C	**9**	16000					
Metals								
Cadmium in mg/kg	EPA200.8	2	80					
Chromium in mg/kg	EPA200.8							
Iron in mg/kg	SW6020A		56000					
Lead in mg/kg	EPA200.8	250						
Lead in mg/kg	SW6010B	250						
Manganese in mg/kg	EPA200.8		11000					
Nickel in mg/kg	EPA200.8		1600					
Zinc in mg/kg	EPA200.8		24000					
PAHs								
Benz(a)anthracene in mg/kg	SW8270DSIM		1.4					
Benzo(a)pyrene in mg/kg	SW8270DSIM	0.1	0.14					
Benzo(b)fluoranthene in mg/kg	SW8270DSIM		1.4					
Benzo(k)fluoranthene in mg/kg	SW8270DSIM		14					
Chrysene in mg/kg	SW8270DSIM		140					
Dibenzo(a,h)anthracene in mg/kg	SW8270DSIM		0.14					
Indeno(1,2,3-cd)pyrene in mg/kg	SW8270DSIM		1.4					
Naphthalene in mg/kg	NWVPH	5	1600					
Naphthalene in mg/kg	SW8260B	5	1600					
Naphthalene in mg/kg	SW8260C	5	1600					
Other SVOCs								
Hexachlorobutadiene in mg/kg	SW8260C		13					
VOCs								
1,1,1,2-Tetrachloroethane in mg/kg	SW8260C		38					
1,1,1-Trichloroethane in mg/kg	SW8260C	2	160000					
1,1,2,2-Tetrachloroethane in mg/kg	SW8260C		5					
1,1,2-Trichloroethane in mg/kg	SW8260C		18					
1,1-Dichloroethane in mg/kg	SW8260C		16000					
1,1-Dichloroethene in mg/kg	SW8260C		4000					
1,1-Dichloropropene in mg/kg	SW8260C							
1,2,3-Trichlorobenzene in mg/kg	SW8260C							
1,2,3-Trichloropropane in mg/kg	SW8260C		0.033					
1,2,4-Trichlorobenzene in mg/kg	SW8260C		35					
1,2,4-Trimethylbenzene in mg/kg	SW8260C							
1,2-Dibromo-3-chloropropane in mg/kg	SW8260C		1.3					
1,2-Dibromoethane (EDB) in mg/kg	SW8260C	0.005	0.5					
1,2-Dichlorobenzene in mg/kg	SW8260C		7200					
1,2-Dichloroethane (EDC) in mg/kg	SW8260C		11					
1,2-Dichloropropane in mg/kg	SW8260C							
1,3,5-Trimethylbenzene in mg/kg	SW8260C		800					
1,3-Dichlorobenzene in mg/kg	SW8260C							
1,3-Dichloropropane in mg/kg	SW8260C							
1,4-Dichlorobenzene in mg/kg	SW8260C							
2,2-Dichloropropane in mg/kg	SW8260C							
2-Chlorotoluene in mg/kg	SW8260C		1600					
4-Chlorotoluene in mg/kg	SW8260C							
Bromobenzene in mg/kg	SW8260C							
Bromodichloromethane in mg/kg	SW8260C		16					
Bromoform in mg/kg	SW8260C		130					
Bromomethane in mg/kg	SW8260C		110					
Carbon Tetrachloride in mg/kg	SW8260C		14					
Chlorobenzene in mg/kg	SW8260C		1600					
Chloroethane in mg/kg	SW8260C							
Chloroform in mg/kg	SW8260C		800					
Chloromethane in mg/kg	SW8260C							
cis-1,2-Dichloroethene (DCE) in mg/kg	SW8260C		160					
cis-1,3-Dichloropropene in mg/kg	SW8260C							
Dibromochloromethane in mg/kg	SW8260C		12					
Dibromomethane in mg/kg	SW8260C		800					
Dichlorodifluoromethane in mg/kg	SW8260C		16000					
Isopropylbenzene in mg/kg	SW8260C		8000					
Methyl tert-butyl ether (MTBE) in mg/kg	NWVPH	0.1						
Methyl tert-butyl ether (MTBE) in mg/kg	SW8260C	0.1						
Methylene Chloride in mg/kg	SW8260C	0.02	130					
n-Butylbenzene in mg/kg	SW8260C							
n-Hexane in mg/kg	SW8260C		4800					
n-Propylbenzene in mg/kg	SW8260C		8000					
p-Isopropyltoluene in mg/kg	SW8260C							
sec-Butylbenzene in mg/kg	SW8260C							
Styrene in mg/kg	SW8260C		16000					
tert-Butylbenzene in mg/kg	SW8260C							
Tetrachloroethene (PCE) in mg/kg	SW8260C	0.05	480					
trans-1,2-Dichloroethene in mg/kg	SW8260C		1600					
trans-1,3-Dichloropropene in mg/kg	SW8260C							
Trichloroethene (TCE) in mg/kg	SW8260C	0.03	12					
Trichlorofluoromethane in mg/kg	SW8260C		24000					
Vinyl Chloride in mg/kg	SW8260C		0.67					
Conventionals								
Total Organic Carbon in %	SW9060							

Notes:

Bold - detected

Red - exceeded either MTCA A or MTCA B

U - non-detect

J - estimated

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-01	MW-01	MW-01	MW-01	MW-01	MW-01	MW-01
			Sample Date	07/22/2008 (Pre-Interim Action)	04/08/2010 (Pre-Interim Action)	02/13/2013	05/14/2013	08/15/2013	01/16/2014	05/08/2014
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**910**		**1700**	**2400**	**2900**	**2800**	**2700**
Diesel Range Organics in ug/L	NWTPH-DX	500		**490 X**		**400 X**	**480 X**	**570 X**	**550 X**	**570 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U		250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	**4**						
Benzene in ug/L	SW8260	5	0.795		**2.2**	**0.35**	0.35 U	0.35 U	0.35 U	0.35 U
Toluene in ug/L	SW8021	1000	640	**6**						
Toluene in ug/L	SW8260	1000	640		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene in ug/L	SW8021	700	800	**4**						
Ethylbenzene in ug/L	SW8260	700	800		**2.2**	1 U	1 U	1 U	1 U	1 U
m,p-Xylenes in ug/L	SW8260	1000			**2.3**	2 U	2 U	2 U	2 U	2 U
o-Xylene in ug/L	SW8260	1000	1600		1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes in ug/L	SW8021	1000	1600	**6**						
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15				1 U				
Lead in ug/L	SW6020	15								
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160		1 U	1 U	1 U	1 U		
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561		1 U					
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68		1 U					
1,1,1-Trichloroethane in ug/L	SW8260	200	16000		1 U					
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219		1 U					
1,1,2-Trichloroethane in ug/L	SW8260		0.768		1 U					
1,1-Dichloroethane in ug/L	SW8260		7.68		1 U					
1,1-Dichloroethene in ug/L	SW8260		400		1 U					
1,1-Dichloropropene in ug/L	SW8260				1 U					
1,2,3-Trichlorobenzene in ug/L	SW8260				1 U					
1,2,3-Trichloropropane in ug/L	SW8260		0.00146		1 U					
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51		1 U					
1,2,4-Trimethylbenzene in ug/L	SW8260				**1.5**					
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547		10 U					
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219		1 U	1 U	1 U	1 U		
1,2-Dichlorobenzene in ug/L	SW8260		720		1 U					
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481		1 U	1 U	1 U	1 U		
1,2-Dichloropropane in ug/L	SW8260		1.22		1 U					
1,3,5-Trimethylbenzene in ug/L	SW8260		80		**1.1**					
1,3-Dichlorobenzene in ug/L	SW8260				1 U					
1,3-Dichloropropane in ug/L	SW8260				1 U					
1,4-Dichlorobenzene in ug/L	SW8260		8.1		1 U					
2,2-Dichloropropane in ug/L	SW8260				1 U					
2-Butanone in ug/L	SW8260		4800		10 U					
2-Chlorotoluene in ug/L	SW8260		160		1 U					
2-Hexanone in ug/L	SW8260				10 U					
4-Chlorotoluene in ug/L	SW8260				1 U					
4-Methyl-2-pentanone in ug/L	SW8260		640		10 U					
Acetone in ug/L	SW8260		7200		10 U					
Bromobenzene in ug/L	SW8260				1 U					
Bromodichloromethane in ug/L	SW8260		0.706		1 U					
Bromoform in ug/L	SW8260		5.54		1 U					
Bromomethane in ug/L	SW8260		11		1 U					
Carbon Tetrachloride in ug/L	SW8260		0.625		1 U					
Chlorobenzene in ug/L	SW8260		160		1 U					
Chloroethane in ug/L	SW8260				1 U					
Chloroform in ug/L	SW8260		1.41		1 U					
Chloromethane in ug/L	SW8260				10 U					
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16		1 U					
cis-1,3-Dichloropropene in ug/L	SW8260				1 U					
Dibromochloromethane in ug/L	SW8260		0.521		1 U					
Dibromomethane in ug/L	SW8260		80		1 U					
Dichlorodifluoromethane in ug/L	SW8260		1600		1 U					
Isopropylbenzene in ug/L	SW8260		800		**22**					
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3		1 U	1 U	1 U	1 U		
Methylene Chloride in ug/L	SW8260	5	21.9		5 U					
n-Hexane in ug/L	SW8260		480				**5.5**	**8.5**		
n-Propylbenzene in ug/L	SW8260		800		**7.4**					
p-Isopropyltoluene in ug/L	SW8260				**2.3**					
sec-Butylbenzene in ug/L	SW8260		800		**7.8**					
Styrene in ug/L	SW8260		1600		1 U					
tert-Butylbenzene in ug/L	SW8260				**1.3**					
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8		1 U					
trans-1,2-Dichloroethene in ug/L	SW8260		160		1 U					
trans-1,3-Dichloropropene in ug/L	SW8260				1 U					
Trichloroethene (TCE) in ug/L	SW8260	5	0.54		1 U					
Trichlorofluoromethane in ug/L	SW8260		2400		1 U					
Vinyl Chloride in ug/L	SW8260	0.2	24		0.2 U					

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-01	MW-01	MW-01	MW-01	MW-01	MW-01	MW-01
			Sample Date	09/22/2014	12/22/2014	03/25/2015	10/04/2016	01/18/2017	04/11/2017	07/12/2017
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**2700**	**2000**	**1800**	**550**	**720**	**1600**	**620**
Diesel Range Organics in ug/L	NWTPH-DX	500		**560 X**	**320 X**	**330 X**	**73**	**96**	**420 X**	**200 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	**2.8**	1 U	1 U	**1.9**	1 U
Benzene in ug/L	SW8260	5	0.795							
Toluene in ug/L	SW8021	1000	640	**16**	1 U	**12**	1 U	1 U	1 U	1 U
Toluene in ug/L	SW8260	1000	640							
Ethylbenzene in ug/L	SW8021	700	800	**7.6**	**7**	**6.3**	**2.2**	**2.8**	**7.1**	**2.9**
Ethylbenzene in ug/L	SW8260	700	800							
m,p-Xylenes in ug/L	SW8260	1000								
o-Xylene in ug/L	SW8260	1000	1600							
Total Xylenes in ug/L	SW8021	1000	1600	**20**	**16**	**18**	**3.8**	**4**	**12**	**4**
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15					1 U	**3.96**		
Lead in ug/L	SW6020	15							1 U	1 U
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160							
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000							
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68							
1,1-Dichloroethene in ug/L	SW8260		400							
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219							
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481							
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260									
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16							
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3							
Methylene Chloride in ug/L	SW8260	5	21.9							
n-Hexane in ug/L	SW8260		480							
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8							
trans-1,2-Dichloroethene in ug/L	SW8260		160							
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54							
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24							

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07
			Sample Date	02/13/2013	05/14/2013	08/15/2013	01/16/2014	05/08/2014	09/22/2014	12/23/2014
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**990**	**2300**	**1900**	**770**	**470**	**890**	**460**
Diesel Range Organics in ug/L	NWTPH-DX	500		**240 X**	**450 X**	**460 X**	**220 X**	**160 X**	**250 X**	**110 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795						**2.2**	1 U
Benzene in ug/L	SW8260	5	0.795	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U		
Toluene in ug/L	SW8021	1000	640						1 U	1 U
Toluene in ug/L	SW8260	1000	640	1 U	1 U	1 U	1 U	1 U		
Ethylbenzene in ug/L	SW8021	700	800						**3.6**	**1.5**
Ethylbenzene in ug/L	SW8260	700	800	1 U	1 U	1 U	1 U	1 U		
m,p-Xylenes in ug/L	SW8260	1000		2 U	2 U	2 U	2 U	2 U		
o-Xylene in ug/L	SW8260	1000	1600	1 U	1 U	1 U	1 U	1 U		
Total Xylenes in ug/L	SW8021	1000	1600						**11**	**3.5**
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15		1 U						
Lead in ug/L	SW6020	15								
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160	1 U	1 U	1 U				
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000							
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68							
1,1-Dichloroethene in ug/L	SW8260		400							
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219	1 U	1 U	1 U				
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481	1 U	1 U	1 U				
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260									
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16							
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3	1 U	1 U	1 U				
Methylene Chloride in ug/L	SW8260	5	21.9							
n-Hexane in ug/L	SW8260		480		1 U	1 U				
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8							
trans-1,2-Dichloroethene in ug/L	SW8260		160							
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54							
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24							

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-07	MW-07	MW-07	MW-07	MW-07	MW-08	MW-08
			Sample Date	03/25/2015	10/04/2016	01/18/2017	04/11/2017	07/12/2017	02/13/2013	05/14/2013
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**740**	100 U	**100**	**930**	**160**	**510**	**310**
Diesel Range Organics in ug/L	NWTPH-DX	500		**250 X**	50 U	**110**	**350 X**	**230 X**	**230 X**	**100 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	**1.6**	1 U	1 U	1 U	1 U		
Benzene in ug/L	SW8260	5	0.795						**20**	**5.1**
Toluene in ug/L	SW8021	1000	640	**5.6**	1 U	1 U	1 U	1 U		
Toluene in ug/L	SW8260	1000	640						**1.5**	**1.2**
Ethylbenzene in ug/L	SW8021	700	800	**2.5**	1 U	1 U	**2.8**	1 U		
Ethylbenzene in ug/L	SW8260	700	800						**3.4**	**3.5**
m,p-Xylenes in ug/L	SW8260	1000							**7.9**	**4.6**
o-Xylene in ug/L	SW8260	1000	1600						**3.8**	**1**
Total Xylenes in ug/L	SW8021	1000	1600	**5.1**	3 U	3 U	**4.6**	3 U		
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8						1 U	
Chromium in ug/L	EPA200.8	50							**1.28**	
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15			**1.09**	1 U			1 U	
Lead in ug/L	SW6020	15					1 U	1 U		
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320						**12.6**	
Zinc in ug/L	EPA200.8		4800						1 U	
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12						0.1 U	
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012						0.1 U	
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12						0.1 U	
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2						0.1 U	
Chrysene in ug/L	SW8270SIM		12						0.1 U	
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012						0.1 U	
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12						0.1 U	
Naphthalene in ug/L	SW8260	160	160						**1.8**	**3.1**
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12						0.1 U	
Aroclor 1221 in ug/L	SW8082								0.1 U	
Aroclor 1232 in ug/L	SW8082								0.1 U	
Aroclor 1242 in ug/L	SW8082								0.1 U	
Aroclor 1248 in ug/L	SW8082								0.1 U	
Aroclor 1254 in ug/L	SW8082		0.0438						0.1 U	
Aroclor 1260 in ug/L	SW8082		0.0438						0.1 U	
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000						1 U	1 U
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68						1 U	1 U
1,1-Dichloroethene in ug/L	SW8260		400						1 U	1 U
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219						1 U	1 U
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481						1 U	1 U
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260								1 U	1 U
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16						1 U	1 U
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3						1 U	1 U
Methylene Chloride in ug/L	SW8260	5	21.9						5 U	5 U
n-Hexane in ug/L	SW8260		480							**3.7**
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8						1 U	1 U
trans-1,2-Dichloroethene in ug/L	SW8260		160						1 U	1 U
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54						1 U	1 U
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24						0.2 U	0.2 U

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08
			Sample Date	08/15/2013	01/16/2014	05/08/2014	09/22/2014	12/23/2014	03/25/2015	10/05/2016
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**380**	**230**	**750**	**920**	**1100**	**2300**	**4500**
Diesel Range Organics in ug/L	NWTPH-DX	500		**200 X**	**110 X**	**200 X**	**170 X**	**160 X**	**470 X**	**820**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	300 U
BTEX										
Benzene in ug/L	SW8021	5	0.795				**36**	**46**		**330**
Benzene in ug/L	SW8260	5	0.795	**9.7**	**3.6**	**14**			**56**	
Toluene in ug/L	SW8021	1000	640				**14**	**12**		**37**
Toluene in ug/L	SW8260	1000	640	**2.9**	1 U	**4.1**			**38**	
Ethylbenzene in ug/L	SW8021	700	800				**63**	**60**		**250**
Ethylbenzene in ug/L	SW8260	700	800	**18**	**5.3**	**11**			**150**	
m,p-Xylenes in ug/L	SW8260	1000		**6.9**	2 U	**12**			**220**	
o-Xylene in ug/L	SW8260	1000	1600	**1.1**	1 U	**2.3**			**31**	
Total Xylenes in ug/L	SW8021	1000	1600				**44**	**29**		**94**
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15							1 U	1 U
Lead in ug/L	SW6020	15								
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160	**5.5**					**37**	
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000	1 U	1 U	1 U				
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68	1 U	1 U	1 U				
1,1-Dichloroethene in ug/L	SW8260		400	1 U	1 U	1 U				
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219	1 U						
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481	1 U	1 U	1 U			1 U	
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260			1 U	1 U	1 U				
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16	1 U	1 U	1 U				
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3	1 U						
Methylene Chloride in ug/L	SW8260	5	21.9	5 U	5 U	5 U				
n-Hexane in ug/L	SW8260		480	**8**						
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8	1 U	1 U	1 U				
trans-1,2-Dichloroethene in ug/L	SW8260		160	1 U	1 U	1 U				
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54	1 U	1 U	1 U				
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24	0.2 U	0.2 U	0.2 U				

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-08	MW-08	MW-08	MW-10	MW-10	MW-10	MW-10
			Sample Date	01/19/2017	04/12/2017	07/13/2017	02/13/2013	05/14/2013	08/15/2013	01/16/2014
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**6200**	**6300**	**7800**	**2500**	**1300**	**3900**	**1100**
Diesel Range Organics in ug/L	NWTPH-DX	500		50 U	**670 X**	**1400 X**	**430 X**	**320 X**	**850 X**	**160 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	350 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	**440**	**290**	**490**				
Benzene in ug/L	SW8260	5	0.795				**56**	**44**	**89**	**13**
Toluene in ug/L	SW8021	1000	640	**70**	**100**	**120**				
Toluene in ug/L	SW8260	1000	640				**85**	**4.2**	**45**	**5.4**
Ethylbenzene in ug/L	SW8021	700	800	**310**	**320**	**460**				
Ethylbenzene in ug/L	SW8260	700	800				**100**	**78**	**170**	**46**
m,p-Xylenes in ug/L	SW8260	1000					**300**	**61**	**420**	**92**
o-Xylene in ug/L	SW8260	1000	1600				**110**	**10**	**140**	**15**
Total Xylenes in ug/L	SW8021	1000	1600	**180**	**410**	**390**				
Conventionals										
Alkalinity, Total in mg/L					**380**	**483**				
Chloride in ug/L	EPA300.0				**93400**	**113000**				
Methane in ug/L				**530**	**440**	**350**				
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600		500 U	1000 U				
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600		500 U	1000 U				
Sulfate in ug/L	EPA300.0				**7720**	**33500**				
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200	**7500**						
Iron in ug/L	SW6020		11200		**7240**	**9280**				
Lead in ug/L	EPA200.8	15		1 U			1 U			
Lead in ug/L	SW6020	15			1 U	1 U				
Manganese in ug/L	EPA200.8		2240	**10700**						
Manganese in ug/L	SW6020		2240		**12900**	**14900**				
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160				**33**	**28**	**70**	
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000							
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68							
1,1-Dichloroethene in ug/L	SW8260		400							
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219				1 U	1 U	1 U	
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481				**1.4**	**1.1**	**2.1**	
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260									
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16							
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3				1 U	1 U	1 U	
Methylene Chloride in ug/L	SW8260	5	21.9							
n-Hexane in ug/L	SW8260		480					**11**	**28**	
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8							
trans-1,2-Dichloroethene in ug/L	SW8260		160							
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54							
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24							

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
			Sample Date	05/08/2014	09/23/2014	12/23/2014	03/25/2015	10/04/2016	01/18/2017	04/11/2017
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**950**	100 U	100 U	**100**	100 U	100 U	**1500**
Diesel Range Organics in ug/L	NWTPH-DX	500		**300 X**	50 U	50 U	50 U	50 U	50 U	**550 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795		1 U	1 U		1 U	1 U	**33**
Benzene in ug/L	SW8260	5	0.795	**32**			**3**			
Toluene in ug/L	SW8021	1000	640		1 U	1 U		1 U	1 U	**11**
Toluene in ug/L	SW8260	1000	640	**4.3**			**1**			
Ethylbenzene in ug/L	SW8021	700	800		1 U	1 U		1 U	1 U	**51**
Ethylbenzene in ug/L	SW8260	700	800	**63**			**7**			
m,p-Xylenes in ug/L	SW8260	1000		**23**			**8.2**			
o-Xylene in ug/L	SW8260	1000	1600	**5.2**			1 U			
Total Xylenes in ug/L	SW8021	1000	1600		3 U	3 U		3 U	3 U	**85**
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15						1 U	1 U	
Lead in ug/L	SW6020	15								1 U
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160				**1.9**			
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000	1 U						
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68	1 U						
1,1-Dichloroethene in ug/L	SW8260		400	1 U						
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219							
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481	1 U		1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260			1 U						
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16	1 U						
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3							
Methylene Chloride in ug/L	SW8260	5	21.9	5 U						
n-Hexane in ug/L	SW8260		480							
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8	1 U						
trans-1,2-Dichloroethene in ug/L	SW8260		160	1 U						
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54	1 U						
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24	0.2 U						

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-10	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
			Sample Date	07/12/2017	02/13/2013	05/14/2013	08/15/2013	01/16/2014	05/08/2014	09/22/2014
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**400**	**5000**	**1900**	**2600**	**1800**	**2700**	**1300**
Diesel Range Organics in ug/L	NWTPH-DX	500		**240 X**	**1400 X**	**420 X**	**820 X**	**490 X**	**920 X**	**260 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	**280 X**	250 U	**320 X**	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	**11**						**34**
Benzene in ug/L	SW8260	5	0.795		**430**	**110**	**260**	**54**	**70**	
Toluene in ug/L	SW8021	1000	640	**3.8**						**8.2**
Toluene in ug/L	SW8260	1000	640		**71**	**7.7**	**24**	**5.8**	**7.3**	
Ethylbenzene in ug/L	SW8021	700	800	**19**						**41**
Ethylbenzene in ug/L	SW8260	700	800		**160**	**45**	**84**	**65**	**74**	
m,p-Xylenes in ug/L	SW8260	1000			**350**	**65**	**110**	**54**	**71**	
o-Xylene in ug/L	SW8260	1000	1600		**110**	**7.6**	**13**	**4.1**	**5.9**	
Total Xylenes in ug/L	SW8021	1000	1600	**9.7**						**38**
Conventionals										
Alkalinity, Total in mg/L										**372**
Chloride in ug/L	EPA300.0									**18700**
Methane in ug/L										**230**
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							**426**
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							100 U
Sulfate in ug/L	EPA300.0									**5360**
Metals										
Cadmium in ug/L	EPA200.8	5	8		1 U					
Chromium in ug/L	EPA200.8	50			**1.67**					
Iron in ug/L	EPA200.8		11200							**3060**
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15			**3.93**					1 U
Lead in ug/L	SW6020	15		1 U						
Manganese in ug/L	EPA200.8		2240							**8690**
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320		**33.6**					
Zinc in ug/L	EPA200.8		4800		**3.5**					
Iron, Ferrous, Fe+2 in ug/L										**1520**
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12		0.1 U					
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012		0.1 U					
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12		0.1 U					
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2		0.1 U					
Chrysene in ug/L	SW8270SIM		12		0.1 U					
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012		0.1 U					
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12		0.1 U					
Naphthalene in ug/L	SW8260	160	160		**56**	**15**	**26**			
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12		0.1 U					
Aroclor 1221 in ug/L	SW8082				0.1 U					
Aroclor 1232 in ug/L	SW8082				0.1 U					
Aroclor 1242 in ug/L	SW8082				0.1 U					
Aroclor 1248 in ug/L	SW8082				0.1 U					
Aroclor 1254 in ug/L	SW8082		0.0438		0.1 U					
Aroclor 1260 in ug/L	SW8082		0.0438		0.1 U					
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000		1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68		1 U	1 U	1 U	1 U	1 U	
1,1-Dichloroethene in ug/L	SW8260		400		1 U	1 U	1 U	1 U	1 U	
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219		1 U	1 U	1 U			
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481	1 U	**10**	**2.6**	**5.8**	1 U	1 U	1 U
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260				1 U	1 U	1 U	1 U	1 U	
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16		1 U	1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3		1 U	1 U	1 U			
Methylene Chloride in ug/L	SW8260	5	21.9		5 U	5 U	5 U	5 U	5 U	
n-Hexane in ug/L	SW8260		480			**40**	**46**			
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8		1 U	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene in ug/L	SW8260		160		1 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54		1 U	1 U	1 U	1 U	1 U	
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-12
			Sample Date	12/30/2014	03/25/2015	10/05/2016	01/19/2017	04/12/2017	07/13/2017	02/13/2013
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**1900**	**1600**	**1900**	**2900**	**2600**	**1500**	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		**1100 X**	**720 X**	**590**	**890**	**800 X**	**1300 X**	**150 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		**540 X**	**330 X**	**290**	**370**	**270 X**	**670 X**	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	**40**		**20**	**35**	**51**	**61**	
Benzene in ug/L	SW8260	5	0.795		**35**					0.35 U
Toluene in ug/L	SW8021	1000	640	**12**		**7.7**	1 U	**12**	**3.9**	
Toluene in ug/L	SW8260	1000	640		**4.2**					1 U
Ethylbenzene in ug/L	SW8021	700	800	**59**		**48**	**66**	**96**	**38**	
Ethylbenzene in ug/L	SW8260	700	800		**50**					1 U
m,p-Xylenes in ug/L	SW8260	1000			**39**					2 U
o-Xylene in ug/L	SW8260	1000	1600		**3.4**					1 U
Total Xylenes in ug/L	SW8021	1000	1600	**50**		**56**	**65**	**100**	**37**	
Conventionals										
Alkalinity, Total in mg/L				**1100**	**1200**	**730**		**968**	**1110**	
Chloride in ug/L	EPA300.0					**81800**		**163000**	**139000**	
Methane in ug/L				**270**	**450**	**210**	**320**	**520**	**490**	
Nitrate as Nitrogen in ug/L			25600	1 U						
Nitrate as Nitrogen in ug/L	EPA300.0		25600		25 U	25 U		1000 U	1000 U	
Nitrate-Nitrite in ug/L				20 U						
Nitrate-Nitrite in ug/L	EPA300.0					25 U				
Nitrite as Nitrogen in ug/L			1600	20 U						
Nitrite as Nitrogen in ug/L	EPA300.0		1600		5 U	5 U		1000 U	1000 U	
Sulfate in ug/L	EPA300.0			**5840**	**5700**	**5300**		**27900**	**13300**	
Metals										
Cadmium in ug/L	EPA200.8	5	8							1 U
Chromium in ug/L	EPA200.8	50								**1.54**
Iron in ug/L	EPA200.8		11200			**5200**	**8120**			
Iron in ug/L	SW6020		11200					**9780**	**7570**	
Lead in ug/L	EPA200.8	15		1 U	1 U	1 U	1 U			1 U
Lead in ug/L	SW6020	15						1 U	1 U	
Manganese in ug/L	EPA200.8		2240	**17900**	**25800**	**14800**	**19000**			
Manganese in ug/L	SW6020		2240					**24600**	**22500**	
Nickel in ug/L	EPA200.8		320							**8.4**
Zinc in ug/L	EPA200.8		4800							**38.2**
Iron, Ferrous, Fe+2 in ug/L				**100**	**6350**					
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							0.1 U
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							0.1 U
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							0.1 U
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							0.1 U
Chrysene in ug/L	SW8270SIM		12							0.1 U
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							0.1 U
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							0.1 U
Naphthalene in ug/L	SW8260	160	160		**9.2**					1 U
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							0.1 U
Aroclor 1221 in ug/L	SW8082									0.1 U
Aroclor 1232 in ug/L	SW8082									0.1 U
Aroclor 1242 in ug/L	SW8082									0.1 U
Aroclor 1248 in ug/L	SW8082									0.1 U
Aroclor 1254 in ug/L	SW8082		0.0438							0.1 U
Aroclor 1260 in ug/L	SW8082		0.0438							0.1 U
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000							1 U
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68							1 U
1,1-Dichloroethene in ug/L	SW8260		400							1 U
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219							1 U
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260									1 U
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16							1 U
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3							1 U
Methylene Chloride in ug/L	SW8260	5	21.9							5 U
n-Hexane in ug/L	SW8260		480							
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8							1 U
trans-1,2-Dichloroethene in ug/L	SW8260		160							1 U
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54							1 U
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24							0.2 U

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
			Sample Date	05/14/2013	08/15/2013	01/16/2014	05/08/2014	09/22/2014	12/30/2014	03/25/2015
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U	100 U	100 U	100 U	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		50 U	**80 X**	50 U	50 U	50 U	**55 X**	**61 X**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795					1 U	1 U	1 U
Benzene in ug/L	SW8260	5	0.795	0.35 U	0.35 U	0.35 U	0.35 U			
Toluene in ug/L	SW8021	1000	640					1 U	1 U	1 U
Toluene in ug/L	SW8260	1000	640	1 U	1 U	1 U	1 U			
Ethylbenzene in ug/L	SW8021	700	800					1 U	1 U	1 U
Ethylbenzene in ug/L	SW8260	700	800	1 U	1 U	1 U	1 U			
m,p-Xylenes in ug/L	SW8260	1000		2 U	2 U	2 U	2 U			
o-Xylene in ug/L	SW8260	1000	1600	1 U	1 U	1 U	1 U			
Total Xylenes in ug/L	SW8021	1000	1600					3 U	3 U	3 U
Conventionals										
Alkalinity, Total in mg/L								**133**	**260**	**370**
Chloride in ug/L	EPA300.0							**6230**		
Methane in ug/L								5 U	5 U	**17**
Nitrate as Nitrogen in ug/L			25600						**1 U**	
Nitrate as Nitrogen in ug/L	EPA300.0		25600					**489**		**332**
Nitrate-Nitrite in ug/L									**620**	
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600						**620**	
Nitrite as Nitrogen in ug/L	EPA300.0		1600					100 U		5 U
Sulfate in ug/L	EPA300.0							**3660**	**11800**	**11900**
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200					**136**		
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15						1 U		
Lead in ug/L	SW6020	15								
Manganese in ug/L	EPA200.8		2240					**46.3**	**216**	**1070**
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L								30 U	10 U	10 U
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160	1 U	1 U					
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000	1 U	1 U	1 U				
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68	1 U	1 U	1 U				
1,1-Dichloroethene in ug/L	SW8260		400	1 U	1 U	1 U				
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219	1 U	1 U					
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481	1 U	1 U	1 U		1 U		
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260			1 U	1 U	1 U				
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16	1 U	1 U	1 U				
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3	1 U	1 U					
Methylene Chloride in ug/L	SW8260	5	21.9	5 U	5 U	5 U				
n-Hexane in ug/L	SW8260		480	1 U	1 U					
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8	1 U	1 U	1 U				
trans-1,2-Dichloroethene in ug/L	SW8260		160	1 U	1 U	1 U				
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54	1 U	1 U	1 U				
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24	0.2 U	0.2 U	0.2 U				

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13
			Sample Date	10/03/2016	04/10/2017	05/02/2017	07/11/2017	09/23/2014	12/29/2014	03/25/2015
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U		100 U	100 U	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		50 U	**200 X**	50 U	**130 X**	50 U	50 U	50 U
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U		1 U		1 U	
Benzene in ug/L	SW8260	5	0.795					0.35 U		0.35 U
Toluene in ug/L	SW8021	1000	640	1 U	1 U		1 U		1 U	
Toluene in ug/L	SW8260	1000	640					1 U		1 U
Ethylbenzene in ug/L	SW8021	700	800	1 U	1 U		1 U		1 U	
Ethylbenzene in ug/L	SW8260	700	800					1 U		1 U
m,p-Xylenes in ug/L	SW8260	1000						2 U		2 U
o-Xylene in ug/L	SW8260	1000	1600					1 U		1 U
Total Xylenes in ug/L	SW8021	1000	1600	3 U	3 U		3 U		3 U	
Conventionals										
Alkalinity, Total in mg/L				**280**	**664**		**439**			
Chloride in ug/L	EPA300.0			**17200**	**42200**		**32100**			
Methane in ug/L				5 U	**390**		**57**			
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600	**8340**	**2490**		**4580**			
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0			**8340**						
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600	5 U	500 U		2000 UJ			
Sulfate in ug/L	EPA300.0			**19000**	**20000**		**35100**			
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200	**196**						
Iron in ug/L	SW6020		11200		**410**		**469**			
Lead in ug/L	EPA200.8	15		1 U					1 U	
Lead in ug/L	SW6020	15			1 U		1 U			
Manganese in ug/L	EPA200.8		2240	**1940**						
Manganese in ug/L	SW6020		2240		**10800**		**4620**			
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160					1 U		1 U
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561					1 U		
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68					1 U		
1,1,1-Trichloroethane in ug/L	SW8260	200	16000					1 U		
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219					1 U		
1,1,2-Trichloroethane in ug/L	SW8260		0.768					1 U		
1,1-Dichloroethane in ug/L	SW8260		7.68					1 U		
1,1-Dichloroethene in ug/L	SW8260		400					1 U		
1,1-Dichloropropene in ug/L	SW8260							1 U		
1,2,3-Trichlorobenzene in ug/L	SW8260							1 U		
1,2,3-Trichloropropane in ug/L	SW8260		0.00146					1 U		
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51					1 U		
1,2,4-Trimethylbenzene in ug/L	SW8260							1 U		1 U
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547					10 U		
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219					1 U		1 U
1,2-Dichlorobenzene in ug/L	SW8260		720					1 U		
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481					1 U		1 U
1,2-Dichloropropane in ug/L	SW8260		1.22					1 U		
1,3,5-Trimethylbenzene in ug/L	SW8260		80					1 U		1 U
1,3-Dichlorobenzene in ug/L	SW8260							1 U		
1,3-Dichloropropane in ug/L	SW8260							1 U		
1,4-Dichlorobenzene in ug/L	SW8260		8.1					1 U		
2,2-Dichloropropane in ug/L	SW8260							1 U		
2-Butanone in ug/L	SW8260		4800					10 U		
2-Chlorotoluene in ug/L	SW8260		160					1 U		
2-Hexanone in ug/L	SW8260							10 U		
4-Chlorotoluene in ug/L	SW8260							1 U		
4-Methyl-2-pentanone in ug/L	SW8260		640					10 U		
Acetone in ug/L	SW8260		7200					10 U		
Bromobenzene in ug/L	SW8260							1 U		
Bromodichloromethane in ug/L	SW8260		0.706					1 U		
Bromoform in ug/L	SW8260		5.54					1 U		
Bromomethane in ug/L	SW8260		11					1 U		
Carbon Tetrachloride in ug/L	SW8260		0.625					1 U		
Chlorobenzene in ug/L	SW8260		160					1 U		
Chloroethane in ug/L	SW8260							1 U		
Chloroform in ug/L	SW8260		1.41					1 U		
Chloromethane in ug/L	SW8260							10 U		
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16					1 U		
cis-1,3-Dichloropropene in ug/L	SW8260							1 U		
Dibromochloromethane in ug/L	SW8260		0.521					1 U		
Dibromomethane in ug/L	SW8260		80					1 U		
Dichlorodifluoromethane in ug/L	SW8260		1600					1 U		
Isopropylbenzene in ug/L	SW8260		800					1 U		
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3					1 U		1 U
Methylene Chloride in ug/L	SW8260	5	21.9					5 U		
n-Hexane in ug/L	SW8260		480						1 U	1 U
n-Propylbenzene in ug/L	SW8260		800					1 U		
p-Isopropyltoluene in ug/L	SW8260							1 U		
sec-Butylbenzene in ug/L	SW8260		800					1 U		
Styrene in ug/L	SW8260		1600					1 U		
tert-Butylbenzene in ug/L	SW8260							1 U		
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8					1 U		
trans-1,2-Dichloroethene in ug/L	SW8260		160					1 U		
trans-1,3-Dichloropropene in ug/L	SW8260							1 U		
Trichloroethene (TCE) in ug/L	SW8260	5	0.54					1 U		
Trichlorofluoromethane in ug/L	SW8260		2400					1 U		
Vinyl Chloride in ug/L	SW8260	0.2	24					0.2 U		

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-13	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14
			Sample Date	10/04/2016	01/18/2017	04/10/2017	07/11/2017	09/23/2014	12/23/2014	03/25/2015
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U	100 U	100 U	100 U	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		65 U	50 U	50 U	50 U	50 U	50 U	50 U
Motor Oil Range Organics in ug/L	NWTPH-DX	500		325 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	1 U	1 U		1 U	
Benzene in ug/L	SW8260	5	0.795					0.35 U		0.35 U
Toluene in ug/L	SW8021	1000	640	1 U	1 U	1 U	1 U		1 U	
Toluene in ug/L	SW8260	1000	640					1 U		1 U
Ethylbenzene in ug/L	SW8021	700	800	1 U	1 U	1 U	1 U		1 U	
Ethylbenzene in ug/L	SW8260	700	800					1 U		1 U
m,p-Xylenes in ug/L	SW8260	1000						2 U		2 U
o-Xylene in ug/L	SW8260	1000	1600					1 U		1 U
Total Xylenes in ug/L	SW8021	1000	1600	3 U	3 U	3 U	3 U		3 U	
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15		1 U	1 U				1 U	
Lead in ug/L	SW6020	15				1 U	1 U			
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160					1 U		1 U
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561					1 U		
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68					1 U		
1,1,1-Trichloroethane in ug/L	SW8260	200	16000					1 U		
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219					1 U		
1,1,2-Trichloroethane in ug/L	SW8260		0.768					1 U		
1,1-Dichloroethane in ug/L	SW8260		7.68					1 U		
1,1-Dichloroethene in ug/L	SW8260		400					1 U		
1,1-Dichloropropene in ug/L	SW8260							1 U		
1,2,3-Trichlorobenzene in ug/L	SW8260							1 U		
1,2,3-Trichloropropane in ug/L	SW8260		0.00146					1 U		
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51					1 U		
1,2,4-Trimethylbenzene in ug/L	SW8260							1 U		1 U
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547					10 U		
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219					1 U		1 U
1,2-Dichlorobenzene in ug/L	SW8260		720					1 U		
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481					1 U		1 U
1,2-Dichloropropane in ug/L	SW8260		1.22					1 U		
1,3,5-Trimethylbenzene in ug/L	SW8260		80					1 U		1 U
1,3-Dichlorobenzene in ug/L	SW8260							1 U		
1,3-Dichloropropane in ug/L	SW8260							1 U		
1,4-Dichlorobenzene in ug/L	SW8260		8.1					1 U		
2,2-Dichloropropane in ug/L	SW8260							1 U		
2-Butanone in ug/L	SW8260		4800					10 U		
2-Chlorotoluene in ug/L	SW8260		160					1 U		
2-Hexanone in ug/L	SW8260							10 U		
4-Chlorotoluene in ug/L	SW8260							1 U		
4-Methyl-2-pentanone in ug/L	SW8260		640					10 U		
Acetone in ug/L	SW8260		7200					10 U		
Bromobenzene in ug/L	SW8260							1 U		
Bromodichloromethane in ug/L	SW8260		0.706					1 U		
Bromoform in ug/L	SW8260		5.54					1 U		
Bromomethane in ug/L	SW8260		11					1 U		
Carbon Tetrachloride in ug/L	SW8260		0.625					1 U		
Chlorobenzene in ug/L	SW8260		160					1 U		
Chloroethane in ug/L	SW8260							1 U		
Chloroform in ug/L	SW8260		1.41					1 U		
Chloromethane in ug/L	SW8260							10 U		
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16					1 U		
cis-1,3-Dichloropropene in ug/L	SW8260							1 U		
Dibromochloromethane in ug/L	SW8260		0.521					1 U		
Dibromomethane in ug/L	SW8260		80					1 U		
Dichlorodifluoromethane in ug/L	SW8260		1600					1 U		
Isopropylbenzene in ug/L	SW8260		800					1 U		
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3					1 U		1 U
Methylene Chloride in ug/L	SW8260	5	21.9					5 U		
n-Hexane in ug/L	SW8260		480						1 U	1 U
n-Propylbenzene in ug/L	SW8260		800					1 U		
p-Isopropyltoluene in ug/L	SW8260							1 U		
sec-Butylbenzene in ug/L	SW8260		800					1 U		
Styrene in ug/L	SW8260		1600					1 U		
tert-Butylbenzene in ug/L	SW8260							1 U		
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8					1 U		
trans-1,2-Dichloroethene in ug/L	SW8260		160					1 U		
trans-1,3-Dichloropropene in ug/L	SW8260							1 U		
Trichloroethene (TCE) in ug/L	SW8260	5	0.54					1 U		
Trichlorofluoromethane in ug/L	SW8260		2400					1 U		
Vinyl Chloride in ug/L	SW8260	0.2	24					0.2 U		

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-14	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15
			Sample Date	10/04/2016	01/18/2017	04/10/2017	07/11/2017	09/23/2014	12/29/2014	03/25/2015
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U	100 U	100 U	100 U	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		50 U	50 U	50 U	50 U	50 U	50 U	50 U
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	1 U	1 U		1 U	
Benzene in ug/L	SW8260	5	0.795					0.35 U		0.35 U
Toluene in ug/L	SW8021	1000	640	1 U	1 U	1 U	1 U		1 U	
Toluene in ug/L	SW8260	1000	640					1 U		1 U
Ethylbenzene in ug/L	SW8021	700	800	1 U	1 U	1 U	1 U		1 U	
Ethylbenzene in ug/L	SW8260	700	800					1 U		1 U
m,p-Xylenes in ug/L	SW8260	1000						2 U		2 U
o-Xylene in ug/L	SW8260	1000	1600					1 U		1 U
Total Xylenes in ug/L	SW8021	1000	1600	3 U	3 U	3 U	3 U		3 U	3 U
Conventionals										
Alkalinity, Total in mg/L								**70**	**120**	**1100**
Chloride in ug/L	EPA300.0							**2300**		
Methane in ug/L								5 U	**6.3**	5 U
Nitrate as Nitrogen in ug/L			25600						**2**	
Nitrate as Nitrogen in ug/L	EPA300.0		25600					100 U		**1**
Nitrate-Nitrite in ug/L									20 U	
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600						20 U	
Nitrite as Nitrogen in ug/L	EPA300.0		1600					100 U		**20**
Sulfate in ug/L	EPA300.0							**2080**	**3670**	**5840**
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200					**51.3**		
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15		1 U	1 U			1 U	1 U	
Lead in ug/L	SW6020	15				1 U	1 U			
Manganese in ug/L	EPA200.8		2240					**581**	**847**	**1730**
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L								30 U	10 U	**100**
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160					1 U		1 U
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561					1 U		
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68					1 U		
1,1,1-Trichloroethane in ug/L	SW8260	200	16000					1 U		
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219					1 U		
1,1,2-Trichloroethane in ug/L	SW8260		0.768					1 U		
1,1-Dichloroethane in ug/L	SW8260		7.68					1 U		
1,1-Dichloroethene in ug/L	SW8260		400					1 U		
1,1-Dichloropropene in ug/L	SW8260							1 U		
1,2,3-Trichlorobenzene in ug/L	SW8260							1 U		
1,2,3-Trichloropropane in ug/L	SW8260		0.00146					1 U		
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51					1 U		
1,2,4-Trimethylbenzene in ug/L	SW8260							1 U		1 U
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547					10 U		
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219					1 U		1 U
1,2-Dichlorobenzene in ug/L	SW8260		720					1 U		
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481					1 U		1 U
1,2-Dichloropropane in ug/L	SW8260		1.22					1 U		
1,3,5-Trimethylbenzene in ug/L	SW8260		80					1 U		1 U
1,3-Dichlorobenzene in ug/L	SW8260							1 U		
1,3-Dichloropropane in ug/L	SW8260							1 U		
1,4-Dichlorobenzene in ug/L	SW8260		8.1					1 U		
2,2-Dichloropropane in ug/L	SW8260							1 U		
2-Butanone in ug/L	SW8260		4800					10 U		
2-Chlorotoluene in ug/L	SW8260		160					1 U		
2-Hexanone in ug/L	SW8260							10 U		
4-Chlorotoluene in ug/L	SW8260							1 U		
4-Methyl-2-pentanone in ug/L	SW8260		640					10 U		
Acetone in ug/L	SW8260		7200					10 U		
Bromobenzene in ug/L	SW8260							1 U		
Bromodichloromethane in ug/L	SW8260		0.706					1 U		
Bromoform in ug/L	SW8260		5.54					1 U		
Bromomethane in ug/L	SW8260		11					1 U		
Carbon Tetrachloride in ug/L	SW8260		0.625					1 U		
Chlorobenzene in ug/L	SW8260		160					1 U		
Chloroethane in ug/L	SW8260							1 U		
Chloroform in ug/L	SW8260		1.41					1 U		
Chloromethane in ug/L	SW8260							10 U		
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16					1 U		
cis-1,3-Dichloropropene in ug/L	SW8260							1 U		
Dibromochloromethane in ug/L	SW8260		0.521					1 U		
Dibromomethane in ug/L	SW8260		80					1 U		
Dichlorodifluoromethane in ug/L	SW8260		1600					1 U		
Isopropylbenzene in ug/L	SW8260		800					1 U		
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3					1 U		1 U
Methylene Chloride in ug/L	SW8260	5	21.9					5 U		
n-Hexane in ug/L	SW8260		480						1 U	1 U
n-Propylbenzene in ug/L	SW8260		800					1 U		
p-Isopropyltoluene in ug/L	SW8260							1 U		
sec-Butylbenzene in ug/L	SW8260		800					1 U		
Styrene in ug/L	SW8260		1600					1 U		
tert-Butylbenzene in ug/L	SW8260							1 U		
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8					1 U		
trans-1,2-Dichloroethene in ug/L	SW8260		160					1 U		
trans-1,3-Dichloropropene in ug/L	SW8260							1 U		
Trichloroethene (TCE) in ug/L	SW8260	5	0.54					1 U		
Trichlorofluoromethane in ug/L	SW8260		2400					1 U		
Vinyl Chloride in ug/L	SW8260	0.2	24					0.2 U		

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-15	MW-15	MW-15	MW-16	MW-16	MW-16	MW-16
			Sample Date	10/04/2016	04/10/2017	07/11/2017	09/23/2014	12/29/2014	03/25/2015	10/05/2016
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U	100 U	**2400**	**660**	**470**	**660**
Diesel Range Organics in ug/L	NWTPH-DX	500		50 U	50 U	50 U	**670 X**	**350 X**	**120 X**	**100**
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	1 U		1 U		1 U
Benzene in ug/L	SW8260	5	0.795				0.35 U		0.35 U	
Toluene in ug/L	SW8021	1000	640	1 U	1 U	1 U		1 U		1 U
Toluene in ug/L	SW8260	1000	640				1 U		1 U	
Ethylbenzene in ug/L	SW8021	700	800	1 U	1 U	1 U		**11**		**3.5**
Ethylbenzene in ug/L	SW8260	700	800				**25**		**14**	
m,p-Xylenes in ug/L	SW8260	1000					**15**		2 U	
o-Xylene in ug/L	SW8260	1000	1600				1 U		1 U	
Total Xylenes in ug/L	SW8021	1000	1600	3 U	3 U	3 U		3 U		3 U
Conventionals										
Alkalinity, Total in mg/L				1 U			**118**	**140**	**160**	**54**
Chloride in ug/L	EPA300.0			**27600**			**3620**			**21700**
Methane in ug/L				5 U			**300**	**63**	**73**	**89**
Nitrate as Nitrogen in ug/L			25600					**16**		
Nitrate as Nitrogen in ug/L	EPA300.0		25600	**1230**			100 U		**821**	**397**
Nitrate-Nitrite in ug/L								**900**		
Nitrate-Nitrite in ug/L	EPA300.0			**1230**						**397**
Nitrite as Nitrogen in ug/L			1600					**880**		
Nitrite as Nitrogen in ug/L	EPA300.0		1600	5 U			100 U		5 U	5 U
Sulfate in ug/L	EPA300.0			**134000**			**944**	**5970**	**4940**	**75200**
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200	**80.3**			**132**			**4550**
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15		1 U			1 U	1 U	1 U	1 U
Lead in ug/L	SW6020	15			1 U	1 U				
Manganese in ug/L	EPA200.8		2240	**530**			**2450**	**3280**	**3100**	**1400**
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L							30 U	**1570**	**3430**	
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160				**29**	**8.1**	**8.3**	
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561				1 U			
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68				1 U			
1,1,1-Trichloroethane in ug/L	SW8260	200	16000				1 U			
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219				1 U			
1,1,2-Trichloroethane in ug/L	SW8260		0.768				1 U			
1,1-Dichloroethane in ug/L	SW8260		7.68				1 U			
1,1-Dichloroethene in ug/L	SW8260		400				1 U			
1,1-Dichloropropene in ug/L	SW8260						1 U			
1,2,3-Trichlorobenzene in ug/L	SW8260						1 U			
1,2,3-Trichloropropane in ug/L	SW8260		0.00146				1 U			
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51				1 U			
1,2,4-Trimethylbenzene in ug/L	SW8260						**6.3**		1 U	
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547				10 U			
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219				1 U		1 U	
1,2-Dichlorobenzene in ug/L	SW8260		720				1 U			
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481				1 U		1 U	
1,2-Dichloropropane in ug/L	SW8260		1.22				1 U			
1,3,5-Trimethylbenzene in ug/L	SW8260		80				**4.4**		**1.4**	
1,3-Dichlorobenzene in ug/L	SW8260						1 U			
1,3-Dichloropropane in ug/L	SW8260						1 U			
1,4-Dichlorobenzene in ug/L	SW8260		8.1				1 U			
2,2-Dichloropropane in ug/L	SW8260						1 U			
2-Butanone in ug/L	SW8260		4800				10 U			
2-Chlorotoluene in ug/L	SW8260		160				1 U			
2-Hexanone in ug/L	SW8260						10 U			
4-Chlorotoluene in ug/L	SW8260						1 U			
4-Methyl-2-pentanone in ug/L	SW8260		640				10 U			
Acetone in ug/L	SW8260		7200				10 U			
Bromobenzene in ug/L	SW8260						1 U			
Bromodichloromethane in ug/L	SW8260		0.706				1 U			
Bromoform in ug/L	SW8260		5.54				1 U			
Bromomethane in ug/L	SW8260		11				1 U			
Carbon Tetrachloride in ug/L	SW8260		0.625				1 U			
Chlorobenzene in ug/L	SW8260		160				1 U			
Chloroethane in ug/L	SW8260						1 U			
Chloroform in ug/L	SW8260		1.41				1 U			
Chloromethane in ug/L	SW8260						10 U			
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16				1 U			
cis-1,3-Dichloropropene in ug/L	SW8260						1 U			
Dibromochloromethane in ug/L	SW8260		0.521				1 U			
Dibromomethane in ug/L	SW8260		80				1 U			
Dichlorodifluoromethane in ug/L	SW8260		1600				1 U			
Isopropylbenzene in ug/L	SW8260		800				**17**			
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3				1 U		1 U	
Methylene Chloride in ug/L	SW8260	5	21.9				5 U			
n-Hexane in ug/L	SW8260		480					**7.2**	**3.2**	
n-Propylbenzene in ug/L	SW8260		800				**24**			
p-Isopropyltoluene in ug/L	SW8260						**3.7**			
sec-Butylbenzene in ug/L	SW8260		800				**12**			
Styrene in ug/L	SW8260		1600				1 U			
tert-Butylbenzene in ug/L	SW8260						1 U			
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8				1 U			
trans-1,2-Dichloroethene in ug/L	SW8260		160				1 U			
trans-1,3-Dichloropropene in ug/L	SW8260						1 U			
Trichloroethene (TCE) in ug/L	SW8260	5	0.54				1 U			
Trichlorofluoromethane in ug/L	SW8260		2400				1 U			
Vinyl Chloride in ug/L	SW8260	0.2	24				0.2 U			

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-16	MW-16	MW-16	MW-18	MW-18	MW-18	MW-18
			Sample Date	01/19/2017	04/11/2017	07/13/2017	10/03/2016	01/17/2017	04/11/2017	07/12/2017
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		**970**	**2300**	**510**	100 U	100 U	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		**130**	**430 X**	**240 X**	50 U	**790**	50 U	50 U
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	350 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene in ug/L	SW8260	5	0.795							
Toluene in ug/L	SW8021	1000	640	**1.5**	1 U	1 U	1 U	1 U	1 U	1 U
Toluene in ug/L	SW8260	1000	640							
Ethylbenzene in ug/L	SW8021	700	800	**5.5**	**28**	**5**	1 U	1 U	1 U	1 U
Ethylbenzene in ug/L	SW8260	700	800							
m,p-Xylenes in ug/L	SW8260	1000								
o-Xylene in ug/L	SW8260	1000	1600							
Total Xylenes in ug/L	SW8021	1000	1600	3 U	**4.6**	3 U	3 U	3 U	3 U	3 U
Conventionals										
Alkalinity, Total in mg/L					**132**	**151**				
Chloride in ug/L	EPA300.0				**4660**	**15300**				
Methane in ug/L				**130**	**570**	**38**				
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600		100 U	**1800**				
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600		100 U	**172 J**				
Sulfate in ug/L	EPA300.0				**3390**	**8230**				
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200	**1620**						
Iron in ug/L	SW6020		11200		**3740**	**4150**				
Lead in ug/L	EPA200.8	15		1 U			1 U	1 U		
Lead in ug/L	SW6020	15			1 U	1 U			1 U	1 U
Manganese in ug/L	EPA200.8		2240	**1250**						
Manganese in ug/L	SW6020		2240		**4130**	**3420**				
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160							
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000							
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68							
1,1-Dichloroethene in ug/L	SW8260		400							
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219							
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481							
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260									
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16							
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3							
Methylene Chloride in ug/L	SW8260	5	21.9							
n-Hexane in ug/L	SW8260		480							
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8							
trans-1,2-Dichloroethene in ug/L	SW8260		160							
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54							
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24							

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-19	MW-19	MW-19	MW-19	MW-20	MW-21	MW-21
			Sample Date	10/03/2016	01/18/2017	04/10/2017	07/11/2017	10/05/2016	01/18/2017	04/10/2017
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**							
TPHs										
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U	100 U	100 U	**4100**	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		50 U	50 U	50 U	50 U	**570**	50 U	50 U
Motor Oil Range Organics in ug/L	NWTPH-DX	500		250 U	250 U	250 U	250 U	250 U	250 U	250 U
BTEX										
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	1 U	1 U	**41**	1 U	1 U
Benzene in ug/L	SW8260	5	0.795							
Toluene in ug/L	SW8021	1000	640	1 U	1 U	1 U	1 U	**40**	1 U	1 U
Toluene in ug/L	SW8260	1000	640							
Ethylbenzene in ug/L	SW8021	700	800	1 U	1 U	1 U	1 U	**15**	1 U	1 U
Ethylbenzene in ug/L	SW8260	700	800							
m,p-Xylenes in ug/L	SW8260	1000								
o-Xylene in ug/L	SW8260	1000	1600							
Total Xylenes in ug/L	SW8021	1000	1600	3 U	3 U	3 U	3 U	**71**	3 U	3 U
Conventionals										
Alkalinity, Total in mg/L										
Chloride in ug/L	EPA300.0									
Methane in ug/L										
Nitrate as Nitrogen in ug/L			25600							
Nitrate as Nitrogen in ug/L	EPA300.0		25600							
Nitrate-Nitrite in ug/L										
Nitrate-Nitrite in ug/L	EPA300.0									
Nitrite as Nitrogen in ug/L			1600							
Nitrite as Nitrogen in ug/L	EPA300.0		1600							
Sulfate in ug/L	EPA300.0									
Metals										
Cadmium in ug/L	EPA200.8	5	8							
Chromium in ug/L	EPA200.8	50								
Iron in ug/L	EPA200.8		11200							
Iron in ug/L	SW6020		11200							
Lead in ug/L	EPA200.8	15		1 U	1 U			**2.02**	**1.32**	
Lead in ug/L	SW6020	15				1 U	1 U			1 U
Manganese in ug/L	EPA200.8		2240							
Manganese in ug/L	SW6020		2240							
Nickel in ug/L	EPA200.8		320							
Zinc in ug/L	EPA200.8		4800							
Iron, Ferrous, Fe+2 in ug/L										
PAHs										
Benz(a)anthracene in ug/L	SW8270SIM		0.12							
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012							
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12							
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2							
Chrysene in ug/L	SW8270SIM		12							
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012							
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12							
Naphthalene in ug/L	SW8260	160	160					**7.6**		
Other SVOCs										
Hexachlorobutadiene in ug/L	SW8260		0.561							
PCB Aroclors										
Aroclor 1016 in ug/L	SW8082		1.12							
Aroclor 1221 in ug/L	SW8082									
Aroclor 1232 in ug/L	SW8082									
Aroclor 1242 in ug/L	SW8082									
Aroclor 1248 in ug/L	SW8082									
Aroclor 1254 in ug/L	SW8082		0.0438							
Aroclor 1260 in ug/L	SW8082		0.0438							
VOCs										
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68							
1,1,1-Trichloroethane in ug/L	SW8260	200	16000							
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219							
1,1,2-Trichloroethane in ug/L	SW8260		0.768							
1,1-Dichloroethane in ug/L	SW8260		7.68							
1,1-Dichloroethene in ug/L	SW8260		400							
1,1-Dichloropropene in ug/L	SW8260									
1,2,3-Trichlorobenzene in ug/L	SW8260									
1,2,3-Trichloropropane in ug/L	SW8260		0.00146							
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51							
1,2,4-Trimethylbenzene in ug/L	SW8260									
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547							
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219					1 U		
1,2-Dichlorobenzene in ug/L	SW8260		720							
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481					1 U		
1,2-Dichloropropane in ug/L	SW8260		1.22							
1,3,5-Trimethylbenzene in ug/L	SW8260		80							
1,3-Dichlorobenzene in ug/L	SW8260									
1,3-Dichloropropane in ug/L	SW8260									
1,4-Dichlorobenzene in ug/L	SW8260		8.1							
2,2-Dichloropropane in ug/L	SW8260									
2-Butanone in ug/L	SW8260		4800							
2-Chlorotoluene in ug/L	SW8260		160							
2-Hexanone in ug/L	SW8260									
4-Chlorotoluene in ug/L	SW8260									
4-Methyl-2-pentanone in ug/L	SW8260		640							
Acetone in ug/L	SW8260		7200							
Bromobenzene in ug/L	SW8260									
Bromodichloromethane in ug/L	SW8260		0.706							
Bromoform in ug/L	SW8260		5.54							
Bromomethane in ug/L	SW8260		11							
Carbon Tetrachloride in ug/L	SW8260		0.625							
Chlorobenzene in ug/L	SW8260		160							
Chloroethane in ug/L	SW8260									
Chloroform in ug/L	SW8260		1.41							
Chloromethane in ug/L	SW8260									
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16							
cis-1,3-Dichloropropene in ug/L	SW8260									
Dibromochloromethane in ug/L	SW8260		0.521							
Dibromomethane in ug/L	SW8260		80							
Dichlorodifluoromethane in ug/L	SW8260		1600							
Isopropylbenzene in ug/L	SW8260		800							
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3					1 U		
Methylene Chloride in ug/L	SW8260	5	21.9							
n-Hexane in ug/L	SW8260		480					**110**		
n-Propylbenzene in ug/L	SW8260		800							
p-Isopropyltoluene in ug/L	SW8260									
sec-Butylbenzene in ug/L	SW8260		800							
Styrene in ug/L	SW8260		1600							
tert-Butylbenzene in ug/L	SW8260									
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8							
trans-1,2-Dichloroethene in ug/L	SW8260		160							
trans-1,3-Dichloropropene in ug/L	SW8260									
Trichloroethene (TCE) in ug/L	SW8260	5	0.54							
Trichlorofluoromethane in ug/L	SW8260		2400							
Vinyl Chloride in ug/L	SW8260	0.2	24							

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.

Table B-2. Groundwater Data

Project No. 120061, Ken's Texaco, 101 E University Way, Ellensburg, WA

			Sample Location	MW-21	MW-22	MW-22
			Sample Date	07/13/2017	04/11/2017	07/12/2017
Constituent	**Method**	**MTCA Method A Cleanup Level, Unrestricted Landuse**	**MTCA Method B Cleanup Level, Table Value**			
TPHs						
Gasoline Range Organics in ug/L	NWTPH-GX	800		100 U	100 U	100 U
Diesel Range Organics in ug/L	NWTPH-DX	500		70 U	50 U	90 U
Motor Oil Range Organics in ug/L	NWTPH-DX	500		350 U	250 U	450 U
BTEX						
Benzene in ug/L	SW8021	5	0.795	1 U	1 U	1 U
Benzene in ug/L	SW8260	5	0.795			
Toluene in ug/L	SW8021	1000	640	1 U	1 U	1 U
Toluene in ug/L	SW8260	1000	640			
Ethylbenzene in ug/L	SW8021	700	800	1 U	1 U	1 U
Ethylbenzene in ug/L	SW8260	700	800			
m,p-Xylenes in ug/L	SW8260	1000				
o-Xylene in ug/L	SW8260	1000	1600			
Total Xylenes in ug/L	SW8021	1000	1600	3 U	3 U	3 U
Conventionals						
Alkalinity, Total in mg/L						
Chloride in ug/L	EPA300.0					
Methane in ug/L						
Nitrate as Nitrogen in ug/L			25600			
Nitrate as Nitrogen in ug/L	EPA300.0		25600			
Nitrate-Nitrite in ug/L						
Nitrate-Nitrite in ug/L	EPA300.0					
Nitrite as Nitrogen in ug/L			1600			
Nitrite as Nitrogen in ug/L	EPA300.0		1600			
Sulfate in ug/L	EPA300.0					
Metals						
Cadmium in ug/L	EPA200.8	5	8			
Chromium in ug/L	EPA200.8	50				
Iron in ug/L	EPA200.8		11200			
Iron in ug/L	SW6020		11200			
Lead in ug/L	EPA200.8	15				
Lead in ug/L	SW6020	15		1 U	1 U	**1.07**
Manganese in ug/L	EPA200.8		2240			
Manganese in ug/L	SW6020		2240			
Nickel in ug/L	EPA200.8		320			
Zinc in ug/L	EPA200.8		4800			
Iron, Ferrous, Fe+2 in ug/L						
PAHs						
Benz(a)anthracene in ug/L	SW8270SIM		0.12			
Benzo(a)pyrene in ug/L	SW8270SIM	0.1	0.012			
Benzo(b)fluoranthene in ug/L	SW8270SIM		0.12			
Benzo(k)fluoranthene in ug/L	SW8270SIM		1.2			
Chrysene in ug/L	SW8270SIM		12			
Dibenzo(a,h)anthracene in ug/L	SW8270SIM		0.012			
Indeno(1,2,3-cd)pyrene in ug/L	SW8270SIM		0.12			
Naphthalene in ug/L	SW8260	160	160			
Other SVOCs						
Hexachlorobutadiene in ug/L	SW8260		0.561			
PCB Aroclors						
Aroclor 1016 in ug/L	SW8082		1.12			
Aroclor 1221 in ug/L	SW8082					
Aroclor 1232 in ug/L	SW8082					
Aroclor 1242 in ug/L	SW8082					
Aroclor 1248 in ug/L	SW8082					
Aroclor 1254 in ug/L	SW8082		0.0438			
Aroclor 1260 in ug/L	SW8082		0.0438			
VOCs						
1,1,1,2-Tetrachloroethane in ug/L	SW8260		1.68			
1,1,1-Trichloroethane in ug/L	SW8260	200	16000			
1,1,2,2-Tetrachloroethane in ug/L	SW8260		0.219			
1,1,2-Trichloroethane in ug/L	SW8260		0.768			
1,1-Dichloroethane in ug/L	SW8260		7.68			
1,1-Dichloroethene in ug/L	SW8260		400			
1,1-Dichloropropene in ug/L	SW8260					
1,2,3-Trichlorobenzene in ug/L	SW8260					
1,2,3-Trichloropropane in ug/L	SW8260		0.00146			
1,2,4-Trichlorobenzene in ug/L	SW8260		1.51			
1,2,4-Trimethylbenzene in ug/L	SW8260					
1,2-Dibromo-3-chloropropane in ug/L	SW8260		0.0547			
1,2-Dibromoethane (EDB) in ug/L	SW8260	0.01	0.0219			
1,2-Dichlorobenzene in ug/L	SW8260		720			
1,2-Dichloroethane (EDC) in ug/L	SW8260	5	0.481			
1,2-Dichloropropane in ug/L	SW8260		1.22			
1,3,5-Trimethylbenzene in ug/L	SW8260		80			
1,3-Dichlorobenzene in ug/L	SW8260					
1,3-Dichloropropane in ug/L	SW8260					
1,4-Dichlorobenzene in ug/L	SW8260		8.1			
2,2-Dichloropropane in ug/L	SW8260					
2-Butanone in ug/L	SW8260		4800			
2-Chlorotoluene in ug/L	SW8260		160			
2-Hexanone in ug/L	SW8260					
4-Chlorotoluene in ug/L	SW8260					
4-Methyl-2-pentanone in ug/L	SW8260		640			
Acetone in ug/L	SW8260		7200			
Bromobenzene in ug/L	SW8260					
Bromodichloromethane in ug/L	SW8260		0.706			
Bromoform in ug/L	SW8260		5.54			
Bromomethane in ug/L	SW8260		11			
Carbon Tetrachloride in ug/L	SW8260		0.625			
Chlorobenzene in ug/L	SW8260		160			
Chloroethane in ug/L	SW8260					
Chloroform in ug/L	SW8260		1.41			
Chloromethane in ug/L	SW8260					
cis-1,2-Dichloroethene (DCE) in ug/L	SW8260		16			
cis-1,3-Dichloropropene in ug/L	SW8260					
Dibromochloromethane in ug/L	SW8260		0.521			
Dibromomethane in ug/L	SW8260		80			
Dichlorodifluoromethane in ug/L	SW8260		1600			
Isopropylbenzene in ug/L	SW8260		800			
Methyl tert-butyl ether (MTBE) in ug/L	SW8260	20	24.3			
Methylene Chloride in ug/L	SW8260	5	21.9			
n-Hexane in ug/L	SW8260		480			
n-Propylbenzene in ug/L	SW8260		800			
p-Isopropyltoluene in ug/L	SW8260					
sec-Butylbenzene in ug/L	SW8260		800			
Styrene in ug/L	SW8260		1600			
tert-Butylbenzene in ug/L	SW8260					
Tetrachloroethene (PCE) in ug/L	SW8260	5	20.8			
trans-1,2-Dichloroethene in ug/L	SW8260		160			
trans-1,3-Dichloropropene in ug/L	SW8260					
Trichloroethene (TCE) in ug/L	SW8260	5	0.54			
Trichlorofluoromethane in ug/L	SW8260		2400			
Vinyl Chloride in ug/L	SW8260	0.2	24			

Bold - detected
Red - exceeded either MTCA A or MTCA B
U - non-detect
J - estimated
X - chromatograhic pattern does not match fuel standard used for quantitation.