Prepared for:
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, California

Soil and Groundwater Investigation

Chevron Site No. 1001152
State Route 274
Tekoa, Washington

ENSR Corporation
February 2008
Project No.: 01231-341

ENSR | AECOM

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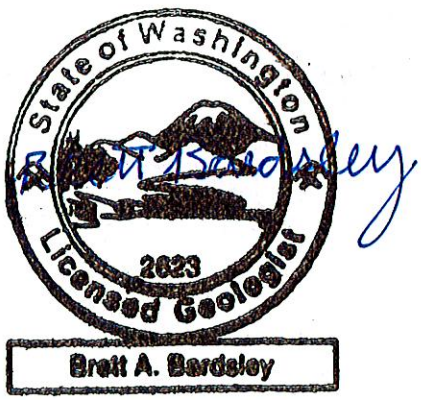

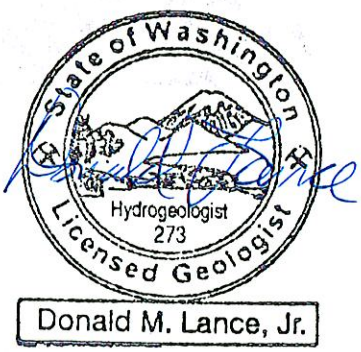

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EXECUTIVE SUMMARY

ENSR Corporation (ENSR) was retained by Chevron Environmental Management Company (CEMC) to conduct a soil and groundwater investigation to support CEMC's abandonment process at the former Chevron Bulk Plant No. 1001152 (1.14 acre vacant lot) located along State Route 274 immediately east of Tekoa, in Whitman county, Washington (the Property). Based, in part, on the findings of ENSR's baseline report, completed in September 2007, ENSR conducted the investigation in October 2007 to assess the areas of concern identified at the Property. The investigation included the installation of 14 soil borings on the Property, as described below:

- Borings SB-1 and SB-2 were completed in the vicinity of the former aboveground storage tanks (ASTs) near the northeast corner of the Property. Soil samples were collected from these locations.

- Boring SB-3 was completed in the region between the former locations of the warehouse and ASTs. Soil and groundwater samples were collected at this location.

- Boring SB-4 was completed near the southeast corner of the Property in the area of the former pump house. Soil and groundwater samples were collected at this location.

- Borings SB-5, SB-6, SB-7, SB-8, SB-9, and SB-10 were completed in the south central portion of the Property in the vicinity of the former warehouse building and associated docks and loading rack. Soil samples were collected from these locations. Groundwater samples were collected from borings SB-6 and SB-10.

- Borings SB-11, SB-12, SB-13 and SB-14 were completed in the inferred down-gradient direction (based on local topography) of the former bulk plant facilities along the northern and western Property lines. In addition, boring SB-11 was completed in the former area of the garage. Soil and groundwater samples were collected from these locations.

Selected soil and groundwater samples collected from these borings were analyzed for the following: benzene, ethylbenzene, toluene, and total xylenes (BETX), gasoline-range hydrocarbons (TPH-G), diesel-range hydrocarbons (TPH-D), heavy oil-range hydrocarbons (TPH-O), total lead (soil only), dissolved lead (water only), volatile organic compounds (VOCs), and polynuclear aromatic hydrocarbons (PAHs).

The soil results for the 14 soil samples analyzed are summarized as follows:

- BETX group compounds were detected[1] in soil at concentrations less than the State of Washington Model Toxic Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) suggested cleanup levels or formula values with the exception of benzene (0.038 milligrams per kilogram [mg/kg]) and total xylenes (31 mg/kg) in the sample collected from boring SB-9 at 6 to 6.5 feet bgs. Conversely, the laboratory reporting limits for nine (9) samples were above the MTCA Method A suggested cleanup level for benzene; therefore, it is not known whether or not benzene was present in concentrations exceeding the MTCA Method A cleanup level in those samples.

- TPH-G was detected in borings SB-2, SB-4, SB-5, SB-7, SB-9, and SB-10 at concentrations greater than the MTCA Method A suggested cleanup level of 30 mg/kg.

[1] Detected means that the analyte concentration exceeded the laboratory reporting limit.

- TPH-D was detected in soil in borings SB-2, SB-4, SB-5, SB-7, SB-9 and SB-10, but at concentrations less than the MTCA Method A cleanup level of 2,000 mg/kg.

- TPH-O was not detected in soil collected from the borings.

- Total lead was detected in soil in borings SB-2, SB-4, SB-7, SB-9 and SB-13 at concentrations below the MTCA Method A suggested cleanup level and near or below the published background concentrations for the State of Washington of 17 mg/kg.

- Low levels of VOCs and PAHs were detected in all of the borings, but at concentrations below MTCA Method A suggested cleanup levels and/or MTCA Method B formula values, with the exception of naphthalene in boring SB-9. Naphthalene was detected during the VOCs analysis above the MTCA Method A suggested cleanup level, but below the MTCA Method B formula value.

Groundwater was encountered in the borings at depths ranging from approximately 6 to 11 feet bgs. A total of eight (8) groundwater samples were analyzed. The results are summarized as follows:

- One or more BETX group compounds were detected in groundwater samples collected from borings SB-4, SB-6, and SB-10 through SB-13, but at concentrations below the MTCA Method A suggested cleanup levels, MTCA Method B formula values, and State of Washington Groundwater Protection Standards (WAC 173-200), with the exception of benzene in borings SB-4 (23 micrograms per liter [µg/L] and SB-10 (8 µg/L).

- TPH-G and TPH-D were detected in groundwater samples collected from borings SB-4, SB-6, SB-10, and SB-11 at concentrations above the MTCA Method A suggested cleanup levels. In addition, the laboratory reporting limit for the sample collected from boring SB-3 was above the MTCA Method A suggested cleanup level for TPH-D; therefore, it is not known whether or not TPH-D in this sample was present in concentrations exceeding the MTCA Method A cleanup level.

- TPH-O was only detected in groundwater at one sample location (boring SB-10), but below the MTCA Method A suggested cleanup level. However, the laboratory reporting limits for samples from borings SB-3 and SB-6 were above the MTCA Method A suggested cleanup level for TPH-O; therefore, it is not known whether or not TPH-O concentrations exceeded the MTCA Method A suggested cleanup levels in these borings.

- Dissolved lead was detected in groundwater in borings SB-3, SB-4, SB-6, SB-10, SB-13 and SB-14, but at concentrations below the MTCA Method A suggested cleanup level.

- All detected VOCs and PAHs in groundwater were less than the MTCA Method A suggested cleanup levels, MTCA Method B formula values, and/or State of Washington Groundwater Protection Standards (WAC 173-200), with the exception of the VOC constituent 1,2-dichlorethane (EDC) in boring SB-10.

Throughout the report, soil and groundwater analytical results are compared to MTCA (WAC 173-340) Method A suggested cleanup levels, MTCA Method B formula values, and State of Washington Groundwater Protection Standards (WAC 173-200) where available. These cleanup levels, formula values and standards for soil and groundwater are provided for comparison purposes only and a site-specific determination of appropriate cleanup levels and/or standards is beyond the scope of the soil and groundwater investigation.

1.0 INTRODUCTION

ENSR Corporation (ENSR) was retained by Chevron Environmental Management Company (CEMC) to conduct a soil and groundwater investigation to support CEMC's abandonment process at the former Chevron Bulk Plant No. 1001152 located along State Route 274 immediately east of Tekoa, in Whitman County, Washington (the Property) (Figure 1). Based, in part, on the findings of ENSR's baseline report (ENSR, 2007b), completed in September 2007, ENSR conducted the investigation in October 2007 to assess the areas of concern identified at the Property.

The subsurface investigation consisted of the installation of 14 soil borings (Figure 2):

- Two in the vicinity of the former aboveground storage tanks (ASTs);
- One between the warehouse/AST area and the north Property line;
- One in the former area of the pump house;
- Six in the vicinity of the former warehouse building and associated docks and loading racks;
- Three along the northern Property line, including one near the former area of the garage; and
- One along the western Property line.

The purpose of the subsurface investigation was to: (1) obtain site-specific soil and groundwater data to determine if residual petroleum hydrocarbons are present from past bulk plant operations, and (2) to characterize the shallow geology beneath the Property. Planning and preparation for this investigation was described in ENSR's work plan (ENSR, 2007a).

2.0 BACKGROUND

Tekoa is located approximately 35 miles southeast of Spokane, Washington, and 2 miles west of the Idaho border and the Coeur d'Alene Indian Reservation. The Property composes a portion of the southwest quadrant of Section 18, Township 20 North, Range 46 East, W.E. According to the Whitman County Tax Assessor, the Property is identified as Parcel No. 2-0000-46-20-18-3901 and currently consists of approximately 1.14 acres of vacant land.

The Property is bordered to the north by Little Hangman Creek, agricultural land, and State Highway 274; to the south by the former Union Pacific Railroad line (tracks and ties have been removed) and agricultural land; and to the east and west by agricultural land. The Property is accessible via a short roadway (part of the subject Property) leading south from State Route 274.

ENSR performed a review to identify potential sources of residual petroleum hydrocarbons and potential receptors in September 2007 (ENSR, 2007b). Results of the sources and receptors review may be summarized as follows:

> *The assessment included a review of documentation available from Chevron EMC and Chevron Business Real Estate Services (CBRES); a review of local governmental records; an analysis of historical aerial photographs, other records, and maps; a review of prior environmental reports; an evaluation of federal and state governmental incident files (using Environmental Data Resources [EDR]); a review for potable and non-potable water well details; and interviews with selected local governmental officials.*
>
> *The Property is not currently in active use. The only obvious structures remaining on the Property are fencing, a utility pole, and a concrete bridge over Little Hangman Creek. State Highway 274 runs in an east-west direction immediately north of the Property and a Union Pacific Railroad right-of-way borders the Property to the south. All other surrounding properties are agricultural land. The nearest sensitive*

receptor is Little Hangman Creek, which runs adjacent to the northern Property boundary. There are no other sensitive receptors within 1/4 mile of the Property.

The Property was purchased by Standard Oil Company (now Chevron Corporation) in 1917. It was the site of a petroleum-based fuels bulk storage plant until the plant's closure in 1975. No information, other than (1) tax assessment records describing the facility, (2) a 1970 aerial photograph, and (3) a 1964 topographic map, is available on the use or conditions of the Property during its operational lifetime as a bulk plant. The tax assessment records, from the 1960s and 1970s, provide a list of buildings and storage tanks on the Property at that time. The records indicate that three 19,995-gallon tanks, of unknown contents, were formerly located on the Property. These tanks were located above ground and their long dimensions were horizontal, based on a site location map associated with this tax document. The tax assessment record also identifies the presence of an 18,137-gallon tank; however, the number preceding the text line appears to be a three, while the calculation of the value of the improvement indicates that there is one tank. No additional documents were found to clarify the number of 18,137 gallon tanks that were located on the Property. The location of the 18,137-gallon tank(s) is unknown.

The storage tanks appear to have been removed from the Property upon closure of the plant, based on a tax assessor document dated 1977, which states "tanks all gone." However, a CBRES e-mail dated October 1999, with the subject line "Tekoa/San Diego," states that "once the buildings are flatlotted and the tanks are pulled, etc. we may require environmental work," but it is unclear whether this refers to the Tekoa property or a San Diego property. There is, therefore, some ambiguity pertaining to the removal of all tanks located at the Property. Buildings associated with the plant remained until 2005, including a garage, warehouse, office, and pump house. The approximate locations of former structures and tanks at the Property are depicted in Figure 2. From the late 1970s to 2004 the Property was leased to Cash Hardware Company, who used the Property to store John Deere farm equipment. Cash Hardware ceased using the Property in 2004 and all buildings at the Property were demolished in 2005, under Chevron direction.

A review of federal and state databases did not identify records for the Property, any adjacent properties, or any properties within 1/4 mile of the Property. No local governmental agencies had records on file related to the Property. No prior environmental reports are known to have been prepared for the Property.

In June 2004, based on an email dated June 15, 2004, a CBRES representative visited the Property and made the observation of smoke rising from a pile of burning pallets and other materials, an open gasoline can (used to start the fire), locked buildings, buildings in dangerous condition, and John Deere equipment stored throughout the site. ENSR believes that areas where Cash Hardware stored equipment and burned debris at the Property have the potential to present sources of groundwater and/or soil impacts at the Property.

The long-term historic operations at the bulk plant have the potential for groundwater and/or soil impacts at the Property. ENSR believes the historical operations associated with the garage, tanks, warehouse, pump house, and docks (wherever petroleum hydrocarbons were stored, conveyed, or otherwise handled) are potential sources for adverse impacts. No other potential onsite or offsite sources were identified during this assessment.

3.0 PURPOSE AND SCOPE OF WORK

Based on the findings of the baseline report (ENSR, 2007b), ENSR conducted a follow-on site investigation at the Property to address the identified areas of concern. The investigation activities consisted of sampling soils from 14 soil borings onsite (denoted as SB-1 through SB-14) and groundwater produced from 8 temporary monitoring wells installed in select borings (SB-3, SB-4, SB-6, and SB-10 through SB-14).

The specific scope of work completed by ENSR included the following:

1. Prepared a site- and activity-specific health and safety plan (HASP), based on requirements of the Occupational Safety and Health Administration Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120). This HASP was implemented by ENSR and the drilling subcontractors during field activities.
2. Arranged for a one-call public utility locate by the Washington Utility Notification Service to locate and mark potential offsite underground utility lines and substructures. This was followed by a private utility locate for the area of investigation to provide more detailed information of potential onsite underground utility lines and substructures prior to the start of work.
3. Identified four onsite areas of concern (warehouse building and associated docks and loading rack, the pump house, the AST area, and the garage and areas adjacent to the northern and western Property lines), and established soil boring locations, based on historical bulk plant uses to evaluate potential impacts to soil and/or groundwater.
4. Oversaw the utility clearance at each soil boring location using air knife and soil vacuum extraction. The locations were cleared to a depth of approximately eight feet below ground surface (bgs).
5. Provided direction and oversight during the drilling of soil borings and the construction of temporary monitoring wells. A hollow stem auger drilling rig was used to advance the borings to depths ranging between 9.5 to 12 feet bgs. Eight (8) borings were completed as temporary groundwater monitoring wells (TMW-1 through TMW-8). The soil boring and temporary monitoring well locations are shown in Figures 3 and 4.
6. Oversaw decontamination of all down-hole drilling equipment and sampling tools with potential for contacting soil or groundwater samples.
7. Collected soil samples from each soil boring location using a hand auger or split-spoon sampler. Soil samples were classified according to the unified soils classification system, and field screened, using a photoionization detector (PID), for the presence of volatile petroleum hydrocarbons. Select soil samples collected from the borings were analyzed for:
    - Benzene, ethylbenzene, toluene, and total xylenes (BETX) by either U.S. Environmental Protection Agency (EPA) Method 8021B or 8260B;
    - Gasoline-range hydrocarbons (TPH-G) by Northwest Method NWTPH-Gx;
    - Diesel-range hydrocarbons (TPH-D) and heavy-oil range hydrocarbons (TPH-O) by Northwest Method NWTPH-Dx, with acid/silica gel cleanup (to remove natural plant organics);
    - Volatile organic compounds (VOCs) by USEPA Method 8260B;
    - Polynuclear aromatic hydrocarbons (PAHs) by USEPA Method 8270 SIM; and
    - Total lead by USEPA 6000/7000 Series Methods.
8. Collected groundwater samples from eight temporary monitoring wells. Samples were analyzed for:
    - TPH-G by Northwest Method NWTPH-Gx;
    - TPH-D and TPH-O by Northwest Method NWTPH-Dx, with acid/silica gel cleanup;
    - VOCs by USEPA Method 8260B;
    - PAHs by USEPA Method 8270C GC/MS SIM HV (with the exception of Boring SB-3); and
    - Dissolved lead by USEPA 6000/7000 Series Methods. Samples for dissolved lead analysis were filtered in the field.
9. Submitted all soil and groundwater samples to a Washington State certified laboratory for analysis, while observing appropriate sample preservation and chain-of-custody procedures.

10. Evaluated field and laboratory analytical data.
11. Prepared this report of findings.

4.0 SUBSURFACE EXPLORATIONS

4.1 Sampling Strategy

The soil borings and temporary groundwater monitoring wells were located to investigate specific areas of concern according to the following rationale:

Boring ID/Temporary Well ID	Area of Concern and Rationale for Selection of Location
SB-1 and SB-2	ASTs. Assess potential releases from the former ASTs (at least three were present) and related appurtenances.
SB-3/TMW-1	Assess the area between the warehouse/AST area and the north Property line.
SB-4/TMW-2	Pump house. Assess potential releases from pumps, valves, and conveyance lines related to fuel transfer activities.
SB-5, SB-6/TMW-3, SB-7, SB-8, SB-9, SB-10/TMW-8	Warehouse Building/Docks/Fuel Loading Rack. Assess potential releases from drum filling and/or drum handling, storage, and loading/unloading activities common to bulk plant facilities, and potential spills/releases associated with the former loading rack.
SB-11/TMW-4, SB-12/TMW-5, SB-13/TMW-6, SB-14/TMW-7	Garage, and North and West Property Lines. Assess potential releases from the former garage and potential migration of petroleum hydrocarbons in groundwater from the fuel storage/handing areas toward Little Hangman Creek.

4.2 Site Geology and Hydrogeology

The Property is located in a shallow valley formed by Little Hangman Creek. The elevation at the Property is approximately 2,490 feet above mean sea level (msl). The major local topographic features are composed of (1) rolling hills to the east and south, rising to approximately 2,600 feet above msl; (2) Tekoa Mountain to the northwest, which rises to an elevation of approximately 4,000 feet above msl; and (3) the shallow valley formed by the main branch of Hangman Creek to the southwest.

Based on elevation profiles and topographic maps, surface runoff from the main portion of the Property and from the access road flows toward Little Hangman Creek. Little Hangman Creek flows southwesterly and joins the main branch of Hangman Creek, which flows northwesterly, approximately 1/2 mile from the Property.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (Flood Map Panel 5302050085B), the Property is located within the 100-year flood plain. The area around Tekoa received an average of 19.27 inches of annual precipitation from 1971 through 2000, according to Western Regional Climate Center data.

Based upon inference from surface topography, shallow groundwater in the vicinity of the Property should flow in a westerly to northwesterly direction toward Little Hangman Creek. Groundwater was encountered on the Property during drilling activities in October 2007 at depths ranging from approximately 6 to 11 feet bgs. No springs or wells are known to be present on the Property.

The Property is located in the Columbia River Plateau physiographic province, a large flood basalt plateau between the Cascade and Rocky Mountains drained by the Columbia River. Geological information provided in the Environmental Data Resources database report for the Property (included in ENSR's 2007 Review for Sources and Receptors) indicates that the Property is located in an area where the rock stratigraphic unit is identified as Cenozoic era, Tertiary system, and Miocene volcanic rocks series. The predominant soil types in the area of the Property are:

- Thatuna, a moderately well-drained silt loam with slow infiltration rates; typical depth to water table is 3 to 6 feet;
- Caldwell, a somewhat poorly-drained silt loam with slow infiltration rates; typical depth to water table is 3 to 6 feet; and
- Palouse, well-drained silt loam with moderate infiltration rates; typical depth to water table is greater than 6 feet.

These silt loam soils are underlain by basalt bedrock.

Soil types encountered in borings SB-1 through SB-14 consisted of light brown to brown silty sands with gravel near the surface, underlain by dark brown to grayish brown sands with varying amounts of silt, clay, and gravel to the total depth explored. Basalt bedrock was encountered at depths ranging from approximately 9.5 to 12 feet bgs. Weathered and degraded basalt likely contributes directly to soils overlying the basalt. Soil boring logs from the October 2007 investigation are presented in Appendix A.

4.3 Soil Sampling

Fourteen (14) borings were completed on the Property on October 15 through October 17, 2007, at the locations shown on Figure 3. Prior to drilling, a utility location survey was completed by ULS/Geomarkout (ULS) to clear the proposed drilling locations. The ULS locate consisted of closely-spaced traverses using ground-penetrating radar and magnetics to identify the presence of underground utilities or other substructures. In addition, each boring was cleared by Cascade Drilling (Cascade), a Washington-licensed drilling contractor from Woodinville, Washington, to 8 feet bgs using air-knife and soil vacuum extraction technologies to ensure utility line clearance. Refusal was encountered in several of the air knife holes, particularly in the vicinity of the former AST area, as a result of subsurface obstructions (i.e., concrete was encountered in the holes at depths ranging from approximately 2 to 6 feet bgs). To reach the target depth of 8 feet bgs, the hole locations were moved and re-cleared numerous times.

Drilling was performed by Cascade using a hollow-stem auger drilling rig. The borings were advanced until the drilling rig met refusal, due to the underlying bedrock, at depths ranging from 9.5 to 12 feet bgs. Grab soil samples for laboratory analysis were collected in the first eight feet bgs (during air knifing operations), above the soil/water interface, with a hand auger. In addition, each boring was continuously sampled below eight feet bgs using an 18-inch split spoon sampler to the total depth explored. ENSR's field geologist, under the responsible charge of a Washington-licensed geologist, logged the samples to further characterize the subsurface.

A portion of each soil sample was transferred into a plastic bag for field-screening for the presence of volatile compounds using a calibrated PID. Sample headspace readings ranged from non-detect to 3,353 parts per million (ppm) (boring SB-9 at 6 feet bgs). Soil impacts generally were observed in the depth interval from approximately 5 to 8 feet bgs, the zone of seasonal groundwater fluctuation. As mentioned above, ENSR prepared logs for each boring (Appendix A). The logs include such information as soil classification according to the unified soil classification system, soil color, grain size, sorting, moisture content, texture, blow-counts, staining, percent recovery, odor, PID headspace measurements obtained during soil screening, and related observations.

Based on field indications of petroleum hydrocarbon impact (e.g., staining, odors, or PID readings), selected soil samples were placed in laboratory-supplied containers, appropriate for the required laboratory analyses. The containers were stored in iced coolers and transported by overnight express shipment to Lancaster Laboratories (Lancaster) located in Lancaster, Pennsylvania, using standard chain-of-custody procedures. Each sample was analyzed for BETX and TPH-G. Certain samples, based on field screening, were selected for additional analyses for TPH-D, TPH-O, total lead, VOCs, and PAHs.

All down-hole drilling equipment and sampling tools were decontaminated between sample collection points by pressure washing or washing with AlconoxTM detergent, and rinsing with either deionized water or distilled water. All disposable equipment was discarded following each use. All borings were backfilled with hydrated bentonite at the conclusion of the investigation.

4.4 Groundwater Sampling

Temporary groundwater monitoring wells were installed in borings SB-3, SB-4, SB-6, SB-10, SB-11, SB-12, SB-13, and SB-14. Temporary wells were completed by drilling to the desired depth and then placing blank and slotted polyvinyl chloride casing into the borehole. At each well, the screen casing was 5 feet long and 1.25-inches in diameter, with 0.010-inch slots. The temporary wells in borings SB-3 and SB-10 were screened from 5 to 10 feet bgs. The temporary wells in borings SB-4 and SB-14 were screened from 7 to 12 feet bgs. The temporary wells in borings SB-6 and SB-12 were screened from 6 to 11 feet bgs. The temporary wells in borings SB-11 and SB-13 were screened from 4.5 to 9.5 feet bgs. As discussed earlier, groundwater was encountered on the Property during drilling activities in October 2007 at depths ranging from approximately 6 to 11 feet bgs.

Purging (well development) was conducted with a peristaltic pump until the water became translucent to transparent. Following purging, the peristaltic pump also was used to collect groundwater samples. Samples collected for analysis of dissolved lead were filtered in the field using a 0.45-micron filter. Following collection, each groundwater sample was placed on ice in laboratory-supplied containers appropriate for the required analyses. All groundwater samples were submitted to Lancaster using standard chain-of custody procedures.

All reusable sampling equipment was decontaminated before and after each use using AlconoxTM detergent and rinsed with distilled or deionized water. The peristaltic pump discharge hoses were changed after each temporary well was sampled.

4.5 Investigation Derived Wastes

All soil cuttings, decontamination water, and development groundwater generated during the drilling activities were containerized in 16 properly-labeled, DOT-approved 55-gallon steel drums (10 soil and 6 water). The drums are temporarily secured onsite (a chain link fence is located along the entire perimeter of the Property with a locked gate at the entrance), just west of boring SB-8, and will be removed for disposal following subsequent future investigative work conducted at the Property.

5.0 ANALYTICAL RESULTS

The soil and groundwater sample analytical results were compared to State of Washington Model Toxics Control Act (MTCA) Method A suggested cleanup levels, MTCA Method B formula values, and/or State of Washington Groundwater Protection Standards (WDOE, 2001a, 2001b, 1990).

5.1 Soil Analytical Results

A total of 14 soil samples were analyzed by Lancaster. The results are presented in Tables 1, 2, and 3, and Figure 3, and are summarized as follows:

- Two or more BETX compounds were detected[1] above the laboratory reporting limits in 10 samples. In addition, the laboratory reporting limits for nine (9) samples exceeded the MTCA Method A suggested cleanup level for benzene; therefore, it is not known whether or not benzene was present in concentrations exceeding the MTCA A cleanup level in those samples. The detected benzene concentrations ranged from 0.0006 mg/kg at boring SB-12 (6- to 6.4-foot depth) to 0.038 mg/kg at boring SB-9 (6- to 6.5-foot depth), above the MTCA Method A cleanup level of 0.03 mg/kg, but below the MTCA Method B formula value of 18.2 mg/kg. The detected total xylenes concentrations ranged from 0.006 mg/kg at boring SB-12 (6- to 6.4-foot depth) to 31 mg/kg at boring SB-9 (6- to 6.5-foot depth), above the MTCA Method A suggested cleanup level of 9 mg/kg, but below the MTCA Method B formula value of 16,000 mg/kg.

- TPH-G was detected above the laboratory reporting limits in eight (8) samples. The detected concentrations ranged from 7.3 mg/kg at boring SB-6 (6- to 6.5-foot depth) to 1,400 mg/kg at boring SB-9 (3- to 4-foot interval). Seven of the detected TPH-G concentrations were above the MTCA Method A suggested cleanup level of 30 mg/kg.

- TPH-D was detected above the laboratory reporting limits in six (6) samples. The detected concentrations ranged from 3.2 mg/kg at boring SB-9 (3- to 4-foot depth) to 230 mg/kg at boring SB-4 (6- to 7-foot depth). None of the sample concentrations exceeded the MTCA A suggested cleanup level of 2,000 mg/kg.

- TPH-O was not detected above the laboratory reporting limits in any of the samples analyzed.

- Five (5) soil samples were analyzed for the presence of total lead. Total lead was detected above the laboratory reporting limits in each sample. The detected concentrations ranged from 7.58 to 17.5 mg/kg, below the MTCA Method A suggested cleanup level and near or below the published background concentration for the State of Washington (Washington Department of Ecology 1994) of 17 mg/kg.

- Seven (7) soil samples were analyzed for the presence of VOCs. With the exception of naphthalene in the sample collected from boring SB-9 at the 6- to 6.5-foot depth, only low concentrations of VOCs were detected above the laboratory reporting limits in the soil samples: acetone, ethanol, n-butylbenzene, sec-butylbenzene, 1,2-dibromoethane (EDB), 1,2-dichloroethane (EDC), methyl tert-butyl ether (MTBE), isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene. The naphthalene result noted above exceeded the MTCA Method A suggested cleanup level of 5 mg/kg, but was below the MTCA Method B formula value of 1,600 mg/kg. None of the other VOCs sample concentrations exceeded the MTCA cleanup levels and/or formula values. Acetone may be a laboratory cross contaminant.

- Five (5) of the soil samples were analyzed for the presence of PAHs. Only low levels of sixteen (16) PAHs were detected above the laboratory reporting limits in the samples: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorine, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene. None of the sample concentrations exceeded the MTCA suggested cleanup levels and/or formula values.

[1] Detected means that the analyte concentration exceeded the laboratory reporting limit.

Naphthalene is included in both Tables 2 (VOCs) and 3 (PAHs). The complete analytical laboratory report is provided in Appendix C.

5.2 Groundwater Analytical Results

A total of eight (8) groundwater samples were analyzed by Lancaster. The results are presented in Tables 4, 5, and 6, and Figure 4, and are summarized as follows:

- One or more BTEX compounds were detected above the laboratory reporting limits in six samples. Benzene was only detected in two samples, in borings SB-4 and SB-10, at concentrations of 8 and 23 micrograms per liter (µg/L), respectively, above the MTCA Method A suggested cleanup level of 5 µg/L, above the MTCA Method B formula value of 0.795 µg/L, and above the State of Washington Groundwater Protection Standard of 1.0 µg/L (WAC 173-200). None of the other BETX sample concentrations exceeded the MTCA suggested cleanup levels and formula values.

- TPH-G was detected above the laboratory reporting limits in six (6) samples. The detected concentrations ranged from 100 µg/L (boring SB-13) to 2,700 µg/L (boring SB-4). Four of the sample concentrations exceeded the MTCA Method A suggested cleanup level of 800 µg/L.

- TPH-D was detected above the laboratory reporting limits in six (6) samples. In addition, the laboratory reporting limit for the sample collected from boring SB-3 was above the MTCA Method A suggested cleanup level for TPH-D; therefore, it is not known with certainty if TPH-D was present in a concentration exceeding the MTCA Method A suggested cleanup level, but less than the reporting limit of 1,400 µg/L. The detected concentrations ranged from 100 µg/L (boring SB-12) to 2,400 µg/L (boring SB-10). Four of the sample concentrations exceeded the MTCA Method A suggested cleanup level of 500 µg/L.

- TPH-O was only detected above the laboratory reporting limits in one sample; this sample from boring SB-10 was detected at 260 µg/L, below the MTCA Method A suggested cleanup level of 500 µg/L. However, the laboratory reporting limits for samples from borings SB-3 and SB-6, at 2,800 and 4,700 µg/L, respectively, were above the MTCA A Method cleanup level for TPH-O; therefore, it is not known whether or not TPH-O concentrations exceeded the MTCA A Method Cleanup Level in these borings.

- Dissolved lead was detected above the laboratory reporting limits in six (6) samples. The detected concentrations ranged from 0.055 µg/L (boring SB-14) to 2.0 µg/L (boring SB-4). All dissolved lead concentrations were substantially less than the MTCA Method A suggested cleanup level of 15 µg/L.

- With the exception of EDC in boring SB-10, only low VOC concentrations were detected above the laboratory reporting limits in five (5) samples: acetone, ethanol, 2-butanone, t-butyl alcohol, n-butyllbenzene, sec-butylbenzene, EDB, EDC, methyl tert butyl ether (MTBE), isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. EDC was detected in boring SB-10 at 13 µg/L, exceeding the MTCA Method A suggested cleanup level of 5 µg/L, exceeding the MTCA Method B formula value of 0.481 µg/L, and exceeding the State of Washington Groundwater Protection Standard of 0.5 µg/L (WAC 173-200). EDC was not detected in the other borings.

- Seven (7) of the groundwater samples were analyzed for the presence of PAHs. Only low concentrations of 16 PAHs were detected above the laboratory reporting limits in the samples: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorine, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. None of the PAH concentrations exceeded the MTCA suggested cleanup levels, and/or formula values, and Washington State Standards.

Naphthalene is included in both Table 5 (VOCs) and Table 6 (PAHs). The complete analytical laboratory report is provided in Appendix C.

5.3 Quality Control Evaluation

Laboratory quality control (QC) measures included surrogates, blanks, duplicates, laboratory control spikes, laboratory control spike duplicates, matrix spikes, and matrix spike duplicates. Following a review of the data provided by the laboratory, ENSR observed the following QC considerations:

- The TPH-G analysis for soil samples collected from borings SB-1, SB-3, SB-6, SB-8, and SB-10 through SB-14, and the BETX analysis for the soil sample collected from boring SB-8 were analyzed two days outside the method hold time. This resulted from a notation error on the chain-of-custody forms and was noted in the laboratory report and the attached tables.
- Estimated values were reported for several TPH-G, TPH-D, and TPH-O analyses, and several VOC and PAH analytes, in both the soil and groundwater samples, and dissolved lead in the groundwater samples. These analyte values were flagged with a "J' in the laboratory report and the attached tables.

Not withstanding the information above, ENSR believes that the reported quality exceptions minimally affect overall analytical quality. Therefore, the analytical results are considered to be of known and acceptable quality.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Results of ENSR's soil and groundwater investigation show that continuous petroleum hydrocarbon impacts to soil are generally present near the soil/groundwater interface (capillary fringe) between 5 to 8 feet bgs throughout the site. Similarly, groundwater impacts were observed in all of the borings sampled. Based on data collected during the investigation (field observations, historic information, and soil and groundwater sampling results), the impacts presumably are attributable to former bulk plant operations. To comply with the State of Washington MTCA regulations, the presence of petroleum hydrocarbons in soil and groundwater at the Property was reported to the Washington State Department of Ecology per requirements in WAC 173-340-300.

Figures 3 and 4 show BETX, TPH-G, TPH-D, TPH-O concentrations in soil and groundwater, respectively. In addition, concentrations of total lead in soil and dissolved lead in groundwater are also shown on Figures 3 and 4, respectively. The following conclusions, regarding contaminant distribution at the Property, may be drawn, within limitations of the scope of services, from these data:

- Petroleum impacts in soil (above the water table) generally are present in the immediate vicinity of the former bulk plant facilities where products were stored or handled (i.e., warehouse building and associated docks, loading rack, pump house, and ASTs). Concentrations of BETX, TPH-G, and TPH-D in soil were highest, and were detected most frequently, in the vicinity of borings SB-2, SB-4, SB-5, SB-7, SB-9, and SB-10. Furthermore, based on PID readings and analytical results from soil samples from boring SB-9, petroleum impacts in soil were observed near the ground surface in the area of the former warehouse adjacent to the former loading rack. Concentrations generally decrease with distance away from the facilities.
- Benzene in soil and groundwater either was not detected or was detected at low concentrations, except in the immediate vicinity of the former pump house and warehouse.
- BETX, TPH-G, TPH-D, and TPH-O either were not detected or were detected in low concentrations in soil in the vicinity of the former garage and along the north and west Property lines. However, concentrations of TPH-G and TPH-D in groundwater were detected down-gradient of the former bulk plant facilities in borings SB-11, SB-12, and SB-13, at concentrations ranging from 100 to

1,100 µg/L and 100 to 540 µg/L, respectively. Based on the hydrocarbon concentrations detected in groundwater from borings SB-11 and SB-12, petroleum hydrocarbons may have migrated in the groundwater offsite to the north.

- TPH-D and TPH-G have similar distributions, with the highest concentrations encountered in the vicinity of the former bulk plant facilities.
- TPH-O was not detected in groundwater, except in the immediate vicinity of the former warehouse (boring SB-10) where it was detected at 260 µg/L, less than the MTCA Method A suggested cleanup level of 500 µg/L.
- Total lead concentrations detected in soil and dissolved lead concentrations in groundwater at all of the sample locations were similar with the exception of the higher detected total lead concentration in soil in the sample collected from boring SB-13 at 6 to 6.5 feet bgs. The sample from boring SB-13 was detected at 17.5 mg/kg, slightly above the published background concentration for the State of Washington (Washington Department of Ecology 1994) of 17 mg/kg; the higher concentration is probably attributable to lead paint from the former ASTs.

Based on the findings presented in this report, ENSR recommends additional site characterization activities to further identify the extent or distribution of petroleum hydrocarbons in soil and groundwater and to determine aquifer characteristics to support a risk-based evaluation of impacts.

The additional investigative work would include installation of permanent shallow groundwater monitoring wells and collection of subsurface soil samples to address any data gaps. An appropriate drilling technique (such as sonic drilling) should be used to assess the former AST area, where subsurface concrete obstructions defeated previous attempts to complete pre-drilling utility clearance by air knifing. ENSR suggests that a variance to the standard CEMC borehole clearance policy be obtained to allow proper assessment of subsurface conditions beneath the former AST area.

A conceptual site model should be prepared to: (1) determine current and potential future land and groundwater uses, (2) identify exposure pathways and receptor scenarios applicable to the Property area, (3) assess strategies to prevent or minimize potential receptor exposure, and (4) address MTCA cleanup requirements.

Any cleanup/closure strategies that result from site characterization should take into account potential Chevron divestment or other property management considerations

7.0 LIMITATIONS

The interpretations in this report represent our professional opinions and are based, in part, on information supplied by others. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

8.0 REFERENCES

ENSR Corporation (ENSR), 2007a. Soil and Groundwater Investigation Work Plan, Chevron Site No. 1001152, State Route 274, Tekoa, Washington, October 2007.

ENSR, 2007b. Abandonment Process Review for Sources and Receptors, Former Chevron Bulk Plant No. 1001152, Tekoa, Washington, September 2007.

Washington State Department of Ecology (WDOE), 2001a. Cleanup Levels and Risk Calculations under the Model Toxics Control Act Cleanup Regulation. Publication No. 94-145, November 2001.

WDOE, 2001b. Model Toxics Control Act Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.

WDOE 1994. Natural Background Soil Metals Concentrations in Washington State, Publication No. 94-115, October 1994.

WDOE, 1990. Water Quality Standards for Ground Waters of the State of Washington, Chapter 173-200 WAC, October 1990.

Tables

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
BETX, PETROLEUM HYDROCARBONS, AND LEAD
Chevron Site No. 1001152
State Route 274,Tekoa, Washington

Sample Location ID	Date Sampled	Depth Sampled (feet)	BETX[1] (mg/kg)				Gasoline-range Hydrocarbons [2] (mg/kg)	Diesel-range hydrocarbons [3] (mg/kg)	Heavy Oil-range Hydrocarbons [3] (mg/kg)	Total Lead[4] (µg/L)
			Benzene	Ethyl benzene	Toluene	Total Xylenes				
MTCA Method A Cleanup Level [5]			**0.03**	**6**	**7**	**9**	**30**	**2,000**	**2,000**	**250**
MTCA Method B Formula Value [6]			**18.2**	**8,000**	**6,400**	**16,000**	**NL**	**NL**	**NL**	**NL**
SB-1	10/15/2007	6 to 7	ND(<0.22)	ND(<0.22)	ND(<0.22)	ND(<0.44)	ND(<5.0)[7]	ND(<7.0)	ND(<30)	--
SB-2	10/15/2007	7.5 to 8	ND(<0.22)	0.62	ND(<0.22)	2.82	**860**	94	ND(<30)	7.58
SB-3	10/16/2007	5.1 to 6.4	0.0008[J]	0.006	0.011	0.006	ND(<5.0)[7]	ND(<7.0)	ND(<30)	--
SB-4	10/15/2007	6 to 7	ND(<0.19)	0.26	ND(<0.19)	2.59	**810**	230	ND(<360)	9.89
SB-5	10/17/2007	6 to 6.5	ND(<0.26)	0.086[J]	ND(<0.26)	0.517[J]	**210**	43	ND(<30)	--
SB-6	10/16/2007	6 to 6.5	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	7.3[7]	ND(<7.0)	ND(<30)	--
SB-7	10/17/2007	6 to 6.5	ND(<0.22)	0.66	ND(<0.22)	7.6	**770**	180	ND(<30)	9.17
SB-8	10/16/2007	6 to 7	ND(<0.02)[7]	ND(<0.02)[7]	ND(<0.02)[7]	ND(<0.05)[7]	ND(<5.0)[7]	ND(<7.0)	ND(<30)	--
SB-9	10/17/2007	3 to 4	ND(<0.21)	0.21[J]	ND(<0.21)	2.62	**1,400**	3.2[J]	ND(<30)	--
SB-9	10/17/2007	6 to 6.5	**0.038[J]**	1.7	ND(<0.25)	**31**	**1,200**	--	--	8.37
SB-10	10/16/2007	6 to 6.5	ND(<0.13)	0.13	ND(<0.13)	0.225[J]	**1,100[7]**	93	ND(<360)	--
SB-11	10/16/2007	5.8 to 6.2	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<5.0)[7]	ND(<7.0)	ND(<30)	--
SB-12	10/16/2007	6 to 6.4	0.0006[J]	0.006	0.012	0.006	ND(<5.0)[7]	ND(<7.0)	ND(<30)	--
SB-13	10/16/2007	6 to 6.5	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.008)	ND(<5.0)[7]	ND(<7.0)	ND(<30)	17.5
SB-14	10/16/2007	6 to 6.5	0.0007[J]	0.006	0.017	0.007	ND(<5.0)[7]	ND(<7.0)	ND(<30)	--

Notes:

[1] B = Benzene, E = Ethylbenzene, T = Toluene, X = Total Xylenes. With the exception of the soil sample collected from Boring SB-8, analyzed by USEPA Method 8260B. The soil sample collected from Boring SB-8 was analyzed for BTEX by USEPA Method 8021B.

[2] Gasoline-range hydrocarbons (TPH-G) analyzed by Northwest Method NWTPH-Gx.

[3] Diesel-range and heavy oil-range hydrocarbons analyzed by Northwest Method NWTPH-Dx with acid/silica gel cleanup.

[4] Total lead analyzed by USEPA 6000/7000 Series Methods.

[5] State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup level for unrestricted land uses.

[6] State of Washington MTCA WAC 173-340 (Ingestion Only) Method B soil formula value for unrestricted land use.

[7] The analysis was requested with insufficient time remaining in the hold time. The sample was analyzed two days outside the method hold time.

[J] Reported concentration exceeded the laboratory method detection limit, but was less than the limit of quantitation, and is considered an estimated value.

mg/kg = milligrams per kilogram.

"--" = Not tested/Not analyzed.

ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).

NL = No Limit available.

Bolded and shaded values indicate a concentration exceeded the MTCA Method A suggested cleanup level.

Chemical analyses were performed by Lancaster Laboratories, Lancaster, Pennsylvania

TABLE 2
SUMMARY OF SOIL ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
Chevron Site No. 1001152
State Route 274, Tekoa, Washington

Sample Location ID	Date Sampled	Sample Depth (feet)	Volatile Organic Compounds[1] (mg/kg)												
			Acetone	Ethanol[2]	n-Butylbenzene	sec-Butylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
MTCA Method A Cleanup Level[3]			**NL**	**NL**	**NL**	**NL**	**0.005**	**NL**	**0.1**	**NL**	**NL**	**5**	**NL**	**NL**	**NL**
MTCA Method B Formula Value[4]			**8,000**	**NL**	**NL**	**NL**	**0.0118**	**11.0**	**NL**	**8,000**	**NL**	**1,600**	**NL**	**4,000**	**NL**
SB-1	10/15/2007	6 to 7	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2	10/15/2007	7.5 to 8	ND(<0.88)	5.9[J]	0.86	0.60	ND(<0.22)	ND(<0.22)	ND(<0.22)	0.63	0.89	0.52	1.2	5.6	2.5
SB-3	10/16/2007	5.1 to 6.4	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4	10/15/2007	6 to 7	ND(<0.77)	5.0[J]	ND(<0.19)	0.079[J]	ND(<0.19)	ND(<0.19)	ND(<0.19)	0.051[J]	0.13[J]	0.24	0.24	2.4	1.0
SB-5	10/17/2007	6 to 6.5	ND(<1.1)	6.4[J]	0.33	0.26[J]	ND(<0.26)	ND(<0.26)	ND(<0.26)	0.21[J]	0.36	1.3	0.44	2.4	0.94
SB-6	10/16/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-7	10/17/2007	6 to 6.5	ND(<0.88)	5.8[J]	1.7	1.2	ND(<0.22)	ND(<0.22)	ND(<0.22)	1.5	1.8	1.8	2.1	11	4.3
SB-8	10/17/2007	6 to 7	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9	10/17/2007	3 to 4	ND(<0.85)	5.6[J]	1.5	1.7	ND(<0.21)	ND(<0.21)	ND(<0.21)	1.4	2.2	2.5	1.9	8.3	3.5
SB-9	10/17/2007	6 to 6.5	ND(<0.98)	6.7[J]	3.2	2.9	ND(<0.25)	ND(<0.25)	ND(<0.25)	4.1	3.5	**5.6**	5.2	26	8.0
SB-10	10/17/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11	10/16/2007	5.8 to 6.2	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12	10/16/2007	6 to 6.4	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13	10/16/2007	6 to 6.5	0.053	ND(<0.42)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)	ND(<0.004)
SB-14	10/16/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

[1] Volatile Organic Compounds analyzed by USEPA Method 8260B. Only VOCs which were detected are listed in this table. For a full list of VOCs see the attached analytical report.

[2] Ethanol was detected at varying concentrations for each sample in the method blank and was not subtracted from the analytical result

[3] State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup level for unrestricted land uses.

[4] State of Washington MTCA WAC 173-340 (Ingestion Only) Method B soil formula value for unrestricted land use.

[J] Reported concentration exceeded the laboratory method detection limit, but was less than the limit of quantitation, and is considered an estimated value.

mg/kg = milligrams per kilogram.

"--" = Not tested/Not analyzed.

ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).

NL = No Limit available.

Bolded and shaded values indicate a concentration exceeded the MTCA Method A suggested cleanup level.

Chemical analyses were performed by Lancaster Laboratories, Lancaster, Pennsylvania.

TABLE 3
SUMMARY OF SOIL ANALYTICAL DATA
POLYNUCLEAR AROMATIC HYDROCARBONS
Chevron Site No. 1001152
State Route 274, Tekoa, Washington

Sample Location ID	Date Sampled	Sample Depth (feet)	Polynuclear Aromatic Hydrocarbons[1] (mg/kg)															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MTCA Method A Cleanup Level[2]			**NL**	**NL**	**NL**	**NL**	**0.1**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5**	**NL**	**NL**
MTCA Method B Formula Value[3]			**4,800**	**NL**	**24,000**	**0.137**	**0.137**	**0.137**	**0.137**	**0.137**	**0.137**	**3,200**	**3,200**	**0.137**	**NL**	**1,600**	**NL**	**2,400**
SB-1	10/15/2007	6 to 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2	10/15/2007	7.5 to 8	0.015	ND(<0.0090)	0.0016[J]	ND(<0.0017)	ND(<0.0017)	ND(<0.0017)	ND(<0.0017)	0.00051[J]	ND(<0.0017)	0.00079[J]	0.052	ND(<0.0017)	--	0.23	0.033	0.00088[J]
SB-3	10/16/2007	5.1 to 6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4	10/15/2007	6 to 7	0.032	ND(<0.015)	0.015	0.0067	0.0073	0.012	0.0055	0.012	0.0014[J]	0.023	0.10	0.0047	--	0.20	0.27	0.022
SB-5	10/17/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6	10/16/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-7	10/17/2007	6 to 6.5	0.015	ND(<0.010)	0.0044	ND(<0.0017)	ND(<0.0017)	0.00099[J]	ND(<0.0017)	0.0011[J]	ND(<0.0017)	0.0017[J]	0.048	ND(<0.0017)	1.6	0.79	0.036	0.0021
SB-8	10/17/2007	6 to 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9	10/17/2007	3 to 4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9	10/17/2007	6 to 6.5	0.0021[J]	ND(<0.0033)	0.00081[J]	ND(<0.0033)	ND(<0.0033)	ND(<0.0033)	ND(<0.0033)	ND(<0.0033)	ND(<0.0033)	ND(<0.0033)	0.0062	ND(<0.0033)	--	0.33	0.0043	ND(<0.0033)
SB-10	10/17/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11	10/16/2007	5.8 to 6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12	10/16/2007	6 to 6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13	10/16/2007	6 to 6.5	ND(<0.0017)	0.0012[J]	ND(<0.0017)	ND(<0.0017)	ND(<0.0017)	0.00073[J]	0.0012[J]	0.00080[J]	ND(<0.0017)	0.00073[J]	ND(<0.0017)	ND(<0.0017)	--	0.0011[J]	0.0010[J]	0.00085[J]
SB-14	10/16/2007	6 to 6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

[1] Polynuclear Aromatic Hydrocarbons analyzed by USEPA Method 8270 SIM. Only PAHs which were detected are listed in this table. For a full list of PAHs see the attached analytical report.

[2] State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup level for unrestricted land uses.

[3] State of Washington MTCA WAC 173-340 (Ingestion Only) Method B soil formula value for unrestricted land use.

[J] Reported concentration exceeded the laboratory method detection limit, but was less than the limit of quantitation, and is considered an estimated value.

mg/kg = milligrams per kilogram.

"--" = Not tested/Not analyzed.

ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).

NL = No Limit available.

Bolded and shaded values indicate a concentration exceeded the MTCA Method A suggested cleanup level.

Chemical analyses were performed by Lancaster Laboratories, Lancaster, Pennsylvania.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
BETX, PETROLEUM HYDROCARBONS, AND LEAD
Chevron Site No. 1001152
State Route 274, Tekoa, Washington

Boring Location ID (Temporary Well ID)	Date Sampled	BETX [1] (µg/L)				Gasoline-range Hydrocarbons [2] (µg/L)	Diesel-range Hydrocarbons [3] (µg/L)	Heavy Oil-range Hydrocarbons [3] (µg/L)	Dissolved Lead [4] (µg/L)
		B	E	T	X				
MTCA Method A Cleanup Level [5]		**5**	**700**	**1,000**	**1,000**	**800**	**500**	**500**	**15**
MTCA Method B Formula Value [6]		**0.795**	**800**	**640**	**16,000**	**NL**	**NL**	**NL**	**NL**
Water Quality Standard [7]		**1.0**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**0.05 [10]**
SB-3 (TMW-1)	10/17/2007	ND(<4)	ND(<4)	ND(<4)	ND(<8)	ND(<250)	ND(<1,400) [8]	ND(<2,800) [8]	0.12 J
SB-4 (TMW-2)	10/17/2007	**23**	52	1 J	320	**2,700**	**940**	ND(<470)	2.0
SB-6 (TMW-3)	10/17/2007	ND(<4)	0.7 J	ND(<4)	2.9 J	**890**	**1,600 J**	ND(4,700) [9]	0.064 J
SB-10 (TMW-8)	10/17/2007	**8**	12	1 J	4.5 J	**870**	**2,400**	260 J	0.26 J
SB-11 (TMW-4)	10/17/2007	ND(<4)	ND(<4)	0.7 J	ND(<8)	**1,100**	**540**	ND(<470)	ND(<1.0)
SB-12 (TMW-5)	10/17/2007	ND(<4)	ND(<4)	ND(<4)	7 J	610	100 J	ND(<470)	ND(<1.0)
SB-13 (TMW-6)	10/17/2007	ND(<4)	ND(<4)	4	ND(<8)	100 J	140 J	ND(<470)	0.079 J
SB-14 (TMW-7)	10/17/2007	ND(<4)	ND(<4)	ND(<4)	ND(<8)	ND(<250)	ND(<230)	ND(<470)	0.055 J

Notes:

[1] B = Benzene, E = Ethylbenzene, T = Toluene, X = Total Xylenes. Analyzed by USEPA Method 8260B.

[2] Gasoline-range hydrocarbons (TPH-G) analyzed by Northwest Method NWTPH-Gx.

[3] Diesel-range and heavy oil-range hydrocarbons analyzed by Northwest Method NWTPH-Dx with acid/silica gel cleanup.

[4] Dissolved lead analyzed by USEPA 6000/7000 Series Methods.

[5] State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup level for unrestricted land uses.

[6] State of Washington MTCA WAC 173-340 (Ingestion Only) Method B soil formula value for unrestricted land use.

[7] Water quality standard for ground waters of the State of Washington (WAC 173-200).

[8] Due to insufficient sample size, the laboratory was unable to report their usual reporting limits and so used the lowest reporting limits attainable.

[9] Due to the nature of the sample extract matrix, a dilution factor was used for the analysis and the reporting limits were raised accordingly.

[10] Metals are measured as total metals.

[J] Reported concentration exceeded the laboratory method detection limit, but was less than the limit of quantitation, and is considered an estimated value.

-- = Not tested/Not analyzed.

µg/l = micrograms per liter.

ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).

NL = No Limit available.

Bolded and shaded values indicate a concentration exceeded the MTCA Method A suggested cleanup level.

Chemical analyses were performed by Lancaster Laboratories, Lancaster, Pennsylvania.

TABLE 5
SUMMARY OF GROUNDWATER ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
Chevron Site No. 1001152
State Route 274, Tekoa, Washington

Boring Location ID (Temporary Well ID)	Date Sampled	Volatile Organic Compounds[1] (µg/L)														
		Acetone	Ethanol	2-Butanone	t-Butyl alcohol	n-Butylbenzene	sec-Butylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Methyl tert-butyl ether	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
MTCA Method A Cleanup Level[2]		**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**0.01**	**5**	**20**	**NL**	**NL**	**20**	**NL**	**NL**	**NL**
MTCA Method B Cleanup Level[3]		**800**	**NL**	**4,800**	**NL**	**NL**	**NL**	**0.000515**	**0.481**	**NL**	**800**	**NL**	**160**	**NL**	**400**	**400**
Water Quality Standard[4]		**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**0.001**	**0.5**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**
SB-3 (TMW-1)	10/17/2007	ND(<20)	ND(<250)	ND(<10)	ND(<80)	ND(<5)	ND(<5)	ND(<4)	ND(<4)	ND(<4)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)
SB-3 (TMW-2)	10/17/2007	21	ND(<250)	4[J]	ND(<80)	5[J]	7	ND(<4)	ND(<4)	ND(<4)	18	6	24	21	120	42
SB-6 (TMW-3)	10/17/2007	ND(<20)	ND(<250)	ND(<10)	ND(<80)	1[J]	5[J]	ND(<4)	ND(<4)	ND(<4)	7	5	3[J]	9	49	15
SB-10 (TMW-8)	10/17/2007	16[J]	ND(<250)	4[J]	7[J]	ND(<5)	3[J]	ND(<4)	**13**	ND(<4)	7	3[J]	ND(<5)	5	12	12
SB-11 (TMW-4)	10/17/2007	ND(<20)	ND(<250)	ND(<10)	ND(<80)	2[J]	6	ND(<4)	ND(<4)	ND(<4)	3[J]	4[J]	ND(<5)	3[J]	12	6
SB-12 (TMW-5)	10/17/2007	17[J]	ND(<250)	4[J]	ND(<80)	ND(<5)	5[J]	ND(<4)	ND(<4)	ND(<4)	10	2[J]	1[J]	7	39	5[J]
SB-13 (TMW-6)	10/17/2007	ND(<20)	ND(<250)	ND(<10)	ND(<80)	ND(<5)	ND(<5)	ND(<4)	ND(<4)	ND(<4)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)
SB-14 (TMW-7)	10/17/2007	ND(<20)	ND(<250)	ND(<10)	ND(<80)	ND(<5)	ND(<5)	ND(<4)	ND(<4)	ND(<4)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)

Notes:

[1] Volatile Organic Compounds analyzed by USEPA Method 8260B. Only VOCs which were detected are listed in this table. For a full list of VOCs see the attached analytical report.

[2] State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup level for unrestricted land uses.

[3] State of Washington MTCA WAC 173-340 (Ingestion Only) Method B soil formula value for unrestricted land use.

[4] Water quality standard for ground waters of the State of Washington (WAC 173-200).

[J] Reported concentration exceeded the laboratory method detection limit, but was less than the limit of quantitation, and is considered an estimated value.

-- = Not tested/Not analyzed.

µg/l = micrograms per liter.

ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).

NL = No Limit available.

Bolded and shaded values indicate a concentration exceeded the MTCA Method A suggested cleanup level.

Chemical analyses were performed by Lancaster Laboratories, Lancaster, Pennsylvania.

TABLE 6
SUMMARY OF GROUNDWATER ANALYTICAL DATA
POLYNUCLEAR AROMATIC HYDROCARBONS
Chevron Site No. 1001152
State Route 274, Tekoa, Washington

Boring Location ID (Temporary Well ID)	Date Sampled	Polynuclear Aromatic Hydrocarbons[1] (µg/L)															
		Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3 - cd) pyrene	Naphthalene	Phenanthrene	Pyrene
MTCA Method A Cleanup Level[2]		**NL**	**NL**	**NL**	**NL**	**0.1**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**160**	**NL**	**NL**
MTCA Method B Formula Value[3]		**960**	**NL**	**4,800**	**0.012**	**0.012**	**0.012**	**NL**	**0.012**	**0.012**	**0.012**	**640**	**640**	**0.012**	**160**	**NL**	**480**
Water Quality Standard[4]		**NL**	**NL**	**NL**	**NL**	**0.008**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**
SB-3 (TMW-1)	10/17/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4 (TMW-2)	10/17/2007	0.15	ND(<0.060)	0.020[J]	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	0.60	ND(<0.047)	0.54	0.14	0.011[J]
SB-6 (TMW-3)	10/17/2007	0.010[J]	ND(<0.047)	0.030[J]	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	0.012[J]	ND(<0.047)	1.9	ND(<0.047)	ND(<0.047)
SB-11 (TMW-4)	10/17/2007	0.11	ND(<0.047)	0.042[J]	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	0.30	ND(<0.047)	0.69	0.032[J]	ND(<0.047)
SB-12 (TMW-5)	10/17/2007	0.020[J]	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	0.014[J]	ND(<0.047)	1.9	ND(<0.047)	ND(<0.047)
SB-13 (TMW-6)	10/17/2007	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	0.010[J]	ND(<0.047)	0.12	ND(<0.047)	ND(<0.047)
SB-14 (TMW-7)	10/17/2007	ND(<0.048)	ND(<0.048)	ND(<0.048)	0.011[J]	ND(<0.048)	ND(<0.048)	ND(<0.048)	ND(<0.048)	ND(<0.048)	ND(<0.048)	0.014[J]	ND(<0.048)	ND(<0.048)	0.012[J]	0.016[J]	0.021[J]
SB-10 (TMW-8)	10/17/2007	0.038[J]	ND(<0.047)	0.038[J]	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.047)	0.11	ND(<0.047)	0.41	ND(<0.047)	0.011[J]

Notes:

[1] Polynuclear Aromatic Hydrocarbons analyzed by USEPA Method 8270 SIM. Only PAHs which were detected are listed in this table. For a full list of PAHs see the attached analytical report.

[2] State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup level for unrestricted land uses.

[3] State of Washington MTCA WAC 173-340 (Ingestion Only) Method B soil formula value for unrestricted land use.

[4] Water quality standard for ground waters of the State of Washington (WAC 173-200).

[J] Reported concentration exceeded the laboratory method detection limit, but was less than the limit of quantitation, and is considered an estimated value.

-- = Not tested/Not analyzed.

µg/l = micrograms per liter.

ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).

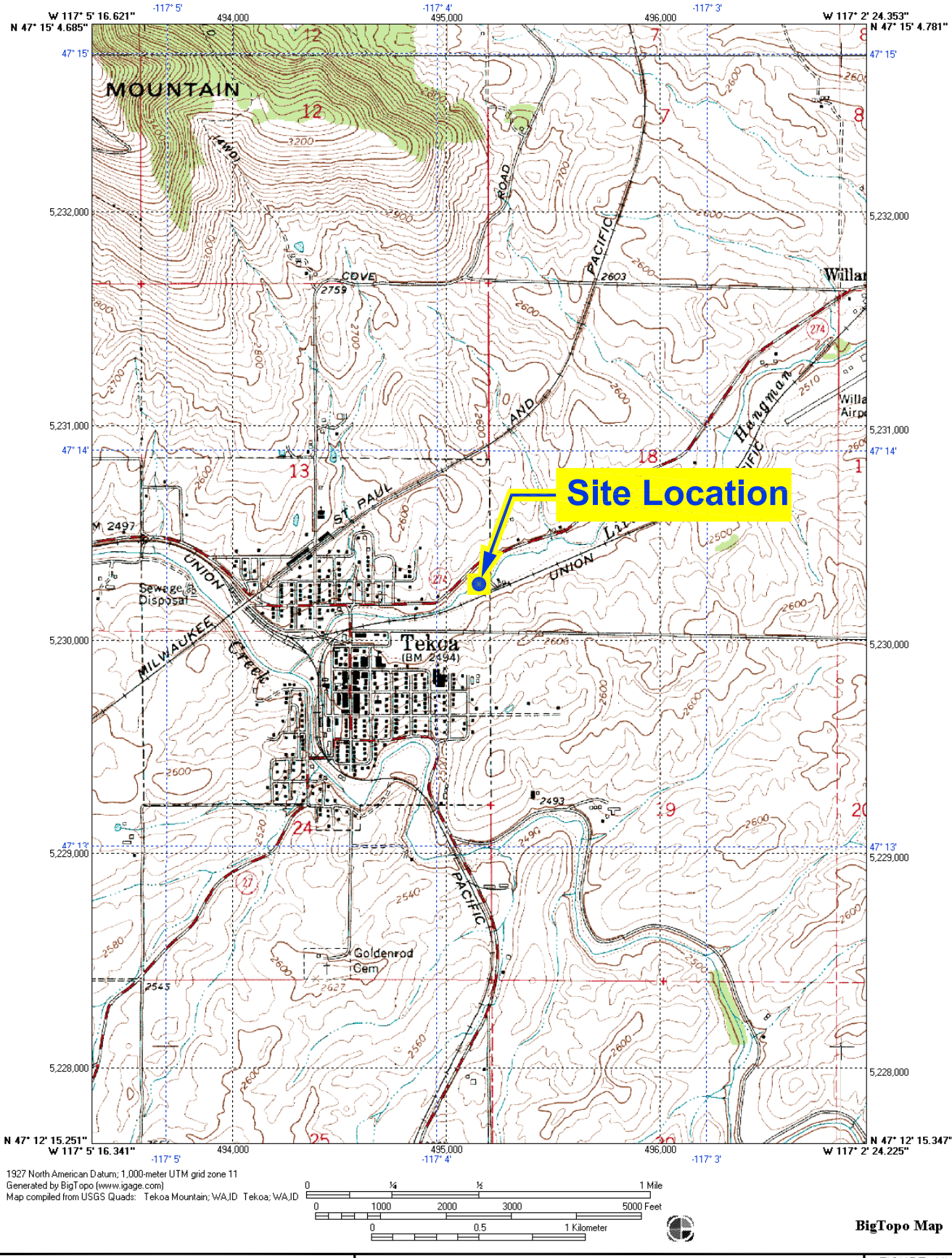
NL = No Limit available.

Bolded and shaded values indicate a concentration exceeded the MTCA Method A suggested cleanup level.

Chemical analyses were performed by Lancaster Laboratories, Lancaster, Pennsylvania.

Figures

Tekoa-07



BigTopo Map

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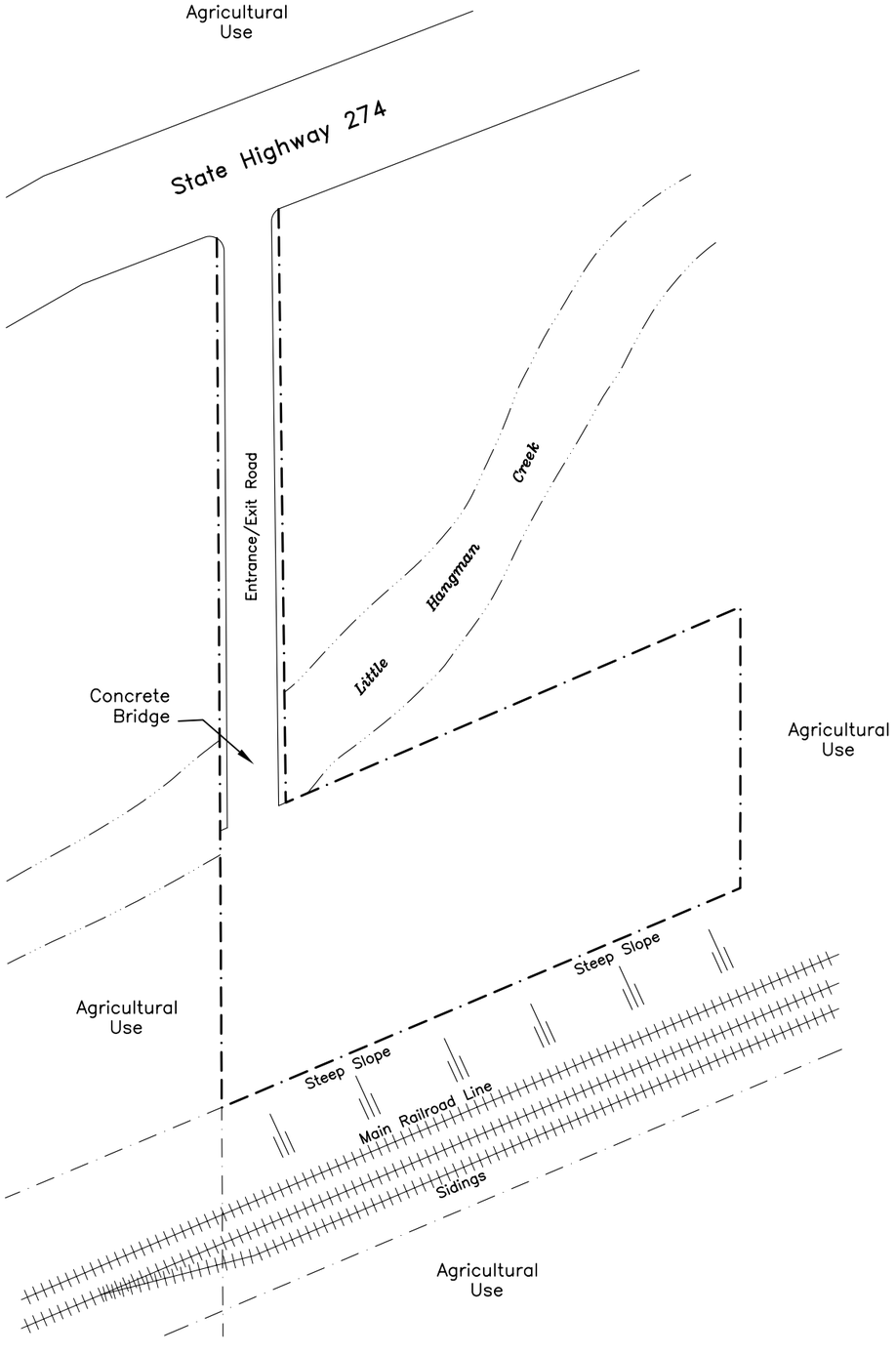
SITE LOCATION MAP

Chevron Facility No. 1001152
State Route 274
Tekoa, Washington

FIGURE NUMBER:
1

DRAWN BY:	DATE:	PROJECT NUMBER:	CHECKED BY:
KM	12/10/07	01231-341	DL

FILENAME: 0123134101A



Legend

- Subject Property Boundary
- Railroad Tracks
- Creek Bank

Note: No documentation to the location of the three remaining storage tanks was found during ENSR's document review.

80 60 40 20 0 40 80
Approximate Scale in Feet

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
MM	KM	MM	JW

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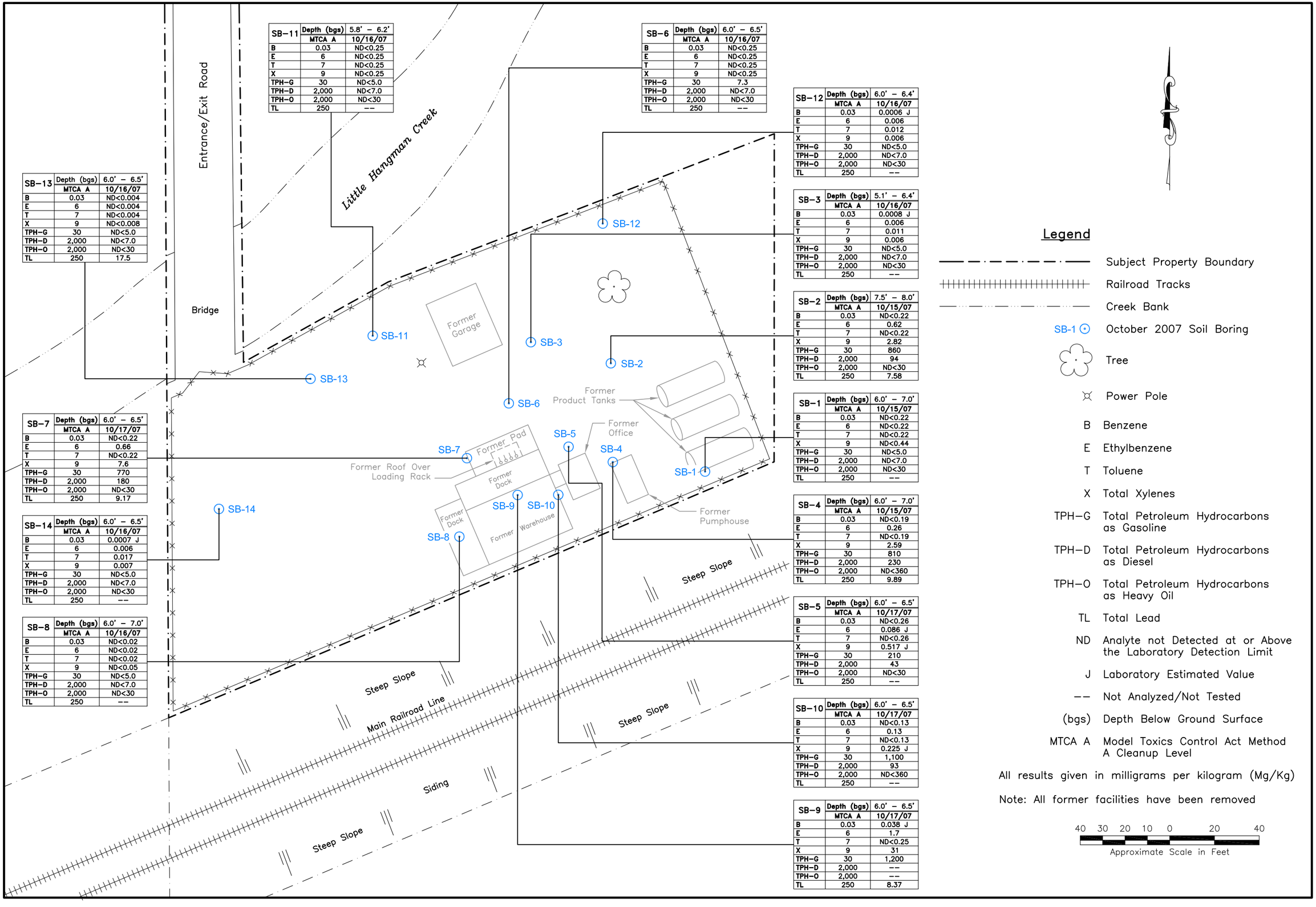
SITE PLAN

Chevron Facility No. 1001152
452 State Route 274
Tekoa, Washington

SCALE:	DATE:	PROJECT NUMBER:
1" = 80'	09/30/07	01231-341-0001

FIGURE NUMBER:
2

FILENAME:
0123134101B



SB-11	Depth (bgs)	5.8' – 6.2'
	MTCA A	10/16/07
B	0.03	ND<0.25
E	6	ND<0.25
T	7	ND<0.25
X	9	ND<0.25
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

SB-6	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/16/07
B	0.03	ND<0.25
E	6	ND<0.25
T	7	ND<0.25
X	9	ND<0.25
TPH-G	30	7.3
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

SB-12	Depth (bgs)	6.0' – 6.4'
	MTCA A	10/16/07
B	0.03	0.0006 J
E	6	0.006
T	7	0.012
X	9	0.006
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

SB-3	Depth (bgs)	5.1' – 6.4'
	MTCA A	10/16/07
B	0.03	0.0008 J
E	6	0.006
T	7	0.011
X	9	0.006
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

SB-2	Depth (bgs)	7.5' – 8.0'
	MTCA A	10/15/07
B	0.03	ND<0.22
E	6	0.62
T	7	ND<0.22
X	9	2.82
TPH-G	30	860
TPH-D	2,000	94
TPH-O	2,000	ND<30
TL	250	7.58

SB-1	Depth (bgs)	6.0' – 7.0'
	MTCA A	10/15/07
B	0.03	ND<0.22
E	6	ND<0.22
T	7	ND<0.22
X	9	ND<0.44
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

SB-4	Depth (bgs)	6.0' – 7.0'
	MTCA A	10/15/07
B	0.03	ND<0.19
E	6	0.26
T	7	ND<0.19
X	9	2.59
TPH-G	30	810
TPH-D	2,000	230
TPH-O	2,000	ND<360
TL	250	9.89

SB-5	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/17/07
B	0.03	ND<0.26
E	6	0.086 J
T	7	ND<0.26
X	9	0.517 J
TPH-G	30	210
TPH-D	2,000	43
TPH-O	2,000	ND<30
TL	250	--

SB-10	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/17/07
B	0.03	ND<0.13
E	6	0.13
T	7	ND<0.13
X	9	0.225 J
TPH-G	30	1,100
TPH-D	2,000	93
TPH-O	2,000	ND<360
TL	250	--

SB-9	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/17/07
B	0.03	0.038 J
E	6	1.7
T	7	ND<0.25
X	9	31
TPH-G	30	1,200
TPH-D	2,000	--
TPH-O	2,000	--
TL	250	8.37

SB-13	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/16/07
B	0.03	ND<0.004
E	6	ND<0.004
T	7	ND<0.004
X	9	ND<0.008
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	17.5

SB-7	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/17/07
B	0.03	ND<0.22
E	6	0.66
T	7	ND<0.22
X	9	7.6
TPH-G	30	770
TPH-D	2,000	180
TPH-O	2,000	ND<30
TL	250	9.17

SB-14	Depth (bgs)	6.0' – 6.5'
	MTCA A	10/16/07
B	0.03	0.0007 J
E	6	0.006
T	7	0.017
X	9	0.007
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

SB-8	Depth (bgs)	6.0' – 7.0'
	MTCA A	10/16/07
B	0.03	ND<0.02
E	6	ND<0.02
T	7	ND<0.02
X	9	ND<0.05
TPH-G	30	ND<5.0
TPH-D	2,000	ND<7.0
TPH-O	2,000	ND<30
TL	250	--

Legend

- Subject Property Boundary
- Railroad Tracks
- Creek Bank
- SB-1 October 2007 Soil Boring
- Tree
- Power Pole

B Benzene
E Ethylbenzene
T Toluene
X Total Xylenes
TPH-G Total Petroleum Hydrocarbons as Gasoline
TPH-D Total Petroleum Hydrocarbons as Diesel
TPH-O Total Petroleum Hydrocarbons as Heavy Oil
TL Total Lead
ND Analyte not Detected at or Above the Laboratory Detection Limit
J Laboratory Estimated Value
-- Not Analyzed/Not Tested
(bgs) Depth Below Ground Surface
MTCA A Model Toxics Control Act Method A Cleanup Level

All results given in milligrams per kilogram (Mg/Kg)

Note: All former facilities have been removed

40 30 20 10 0 20 40
Approximate Scale in Feet

REVISIONS	NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BB	KM	MM	DL

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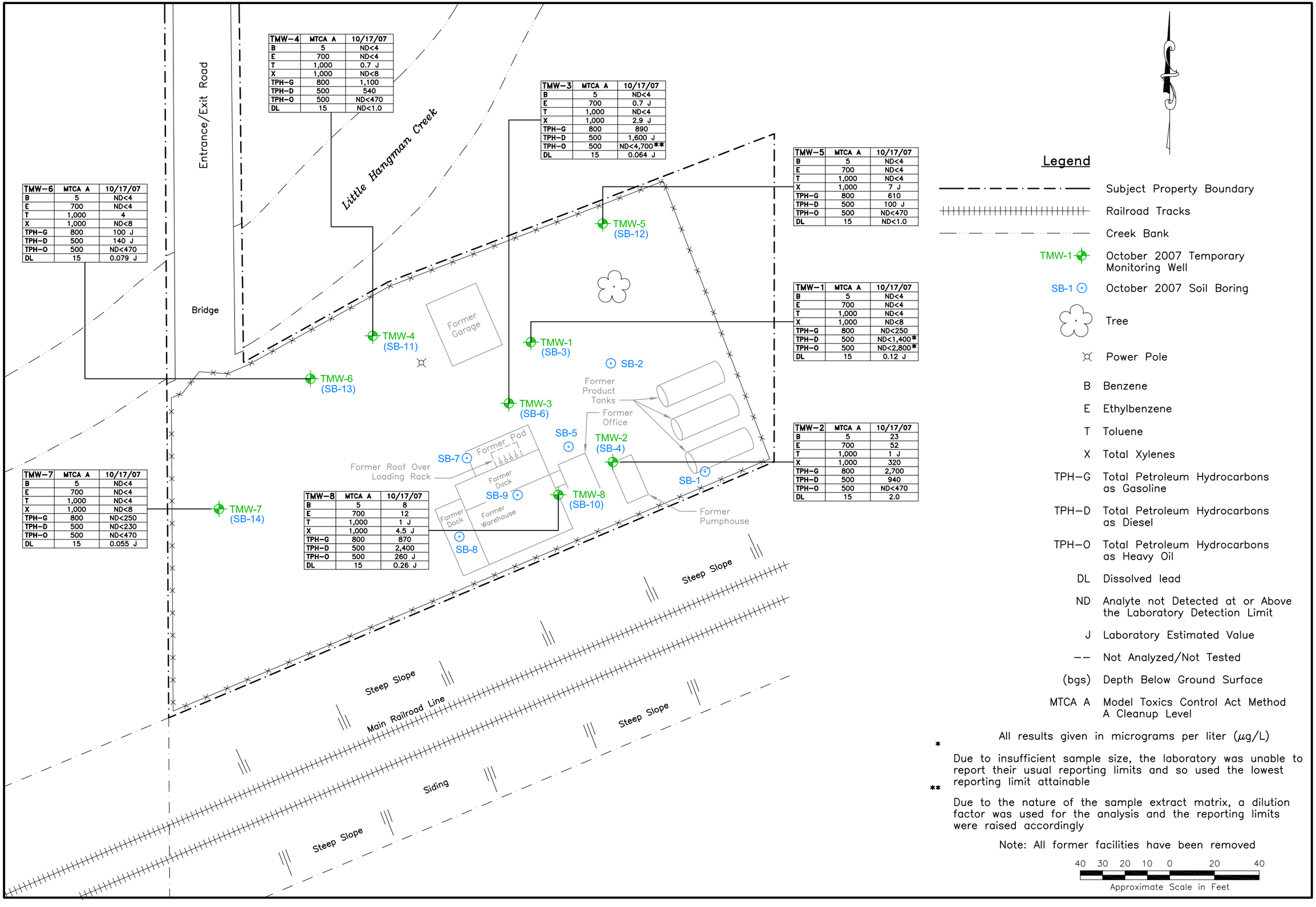
SUMMARY OF ANALYTICAL DATA OCTOBER 2007

Chevron Facility No. 1001152
State Route 274
Tekoa, Washington

SCALE:	DATE:	PROJECT NUMBER:
1" = 80'	12/27/07	01231-341-0001

FIGURE NUMBER: 3

FILENAME: 0123134101E



TMW-4	MTCA A	10/17/07
B	5	ND<4
E	700	ND<4
T	1,000	0.7 J
X	1,000	ND<8
TPH-G	800	1,100
TPH-D	500	540
TPH-O	500	ND<470
DL	15	ND<1.0

TMW-3	MTCA A	10/17/07
B	5	ND<4
E	700	0.7 J
T	1,000	ND<4
X	1,000	2.9 J
TPH-G	800	890
TPH-D	500	1,600 J
TPH-O	500	ND<4,700**
DL	15	0.064 J

TMW-5	MTCA A	10/17/07
B	5	ND<4
E	700	ND<4
T	1,000	ND<4
X	1,000	7 J
TPH-G	800	610
TPH-D	500	100 J
TPH-O	500	ND<470
DL	15	ND<1.0

TMW-6	MTCA A	10/17/07
B	5	ND<4
E	700	ND<4
T	1,000	4
X	1,000	ND<8
TPH-G	800	100 J
TPH-D	500	140 J
TPH-O	500	ND<470
DL	15	0.079 J

TMW-1	MTCA A	10/17/07
B	5	ND<4
E	700	ND<4
T	1,000	ND<4
X	1,000	ND<8
TPH-G	800	ND<250
TPH-D	500	ND<1,400*
TPH-O	500	ND<2,800*
DL	15	0.12 J

TMW-2	MTCA A	10/17/07
B	5	23
E	700	52
T	1,000	1 J
X	1,000	320
TPH-G	800	2,700
TPH-D	500	940
TPH-O	500	ND<470
DL	15	2.0

TMW-7	MTCA A	10/17/07
B	5	ND<4
E	700	ND<4
T	1,000	ND<4
X	1,000	ND<8
TPH-G	800	ND<250
TPH-D	500	ND<230
TPH-O	500	ND<470
DL	15	0.055 J

TMW-8	MTCA A	10/17/07
B	5	8
E	700	12
T	1,000	1 J
X	1,000	4.5 J
TPH-G	800	870
TPH-D	500	2,400
TPH-O	500	260 J
DL	15	0.26 J

Legend

- Subject Property Boundary
- Railroad Tracks
- Creek Bank
- TMW-1 — October 2007 Temporary Monitoring Well
- SB-1 — October 2007 Soil Boring
- Tree
- Power Pole

B Benzene
E Ethylbenzene
T Toluene
X Total Xylenes
TPH-G Total Petroleum Hydrocarbons as Gasoline
TPH-D Total Petroleum Hydrocarbons as Diesel
TPH-O Total Petroleum Hydrocarbons as Heavy Oil
DL Dissolved lead
ND Analyte not Detected at or Above the Laboratory Detection Limit
J Laboratory Estimated Value
-- Not Analyzed/Not Tested
(bgs) Depth Below Ground Surface
MTCA A Model Toxics Control Act Method A Cleanup Level

All results given in micrograms per liter ($\mu g/L$)

* Due to insufficient sample size, the laboratory was unable to report their usual reporting limits and so used the lowest reporting limit attainable

** Due to the nature of the sample extract matrix, a dilution factor was used for the analysis and the reporting limits were raised accordingly

Note: All former facilities have been removed

40 30 20 10 0 20 40
Approximate Scale in Feet

REVISIONS	NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: BB
DRAWN BY: KM
CHECKED BY: MM
APPROVED BY: DL

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SUMMARY OF ANALYTICAL DATA OCTOBER 2007

Chevron Facility No. 1001152
State Route 274
Tekoa, Washington

SCALE: 1" = 80'
DATE: 12/27/07
PROJECT NUMBER: 01231-341-0001

FIGURE NUMBER: 4

FILENAME: 0123134101F

Appendix A
Soil Boring Logs

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SOIL BORING LOG

BOREHOLE NUMBER: **SB-1**	
PROJECT NAME: **Former Chevron Bulk Plant, Chevron No. 1001152**	LOCATION: **State Route 274, Tekoa, Washington**
PROJECT NUMBER: **01231-341**	
DRILLING CONTRACTOR / DRILLER: **Cascade Drilling**	LOGGED BY: **K. Kozlowska**
DRILLING EQUIPMENT / METHOD: **Hollow Stem**	BIT SIZE / BIT TYPE: **4.25 in. O.D.**
SAMPLING METHOD: **18 in. Split Barrel**	START-FINISH DATE: **10/15/07 - 10/15/07**
CASING MATL. / DIAMETER	SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/15/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SM	0.0 to 3.0 feet: SILTY SAND WITH GRAVEL (SM), brown, 55% coarse to fine sand, 25% angular gravel, 20% fines, dry.				
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), yellowish orange to brown, 70% medium to fine sand, 30% fines, dry	//	1557	1001152-SB-1-3-4-1[illegible]607	0.3 12
5		5.0	SC	5.0 to 8.0 feet: CLAYEY SAND (SC), yellowish orange to light brown, 30% fine sand, 70% fines, dry	//	1604	1001152-SB-1-6-7-1[illegible]607	0.2 12
		8.0	SM	8.0 to 9.5 feet: SILTY SAND (SC), greyish brown, 70% medium to very fine sand, 30% fines, moist	4/5/7	1645		15.2 18
10		9.5	SM	9.5 to 11.0 feet: SILTY SAND (SC), greyish brown, 70% medium to fine sand, 5% angular to rounded gravel, 25% fines, moist to wet	4/4/6	1650		5.6 18
		11.0	SW-SM	11 to 12.5 feet: WELL GRADED SAND WITH SILT (SW-SM), blueish gray to brown, 80 % medium to fine sand, 10% angular to well rounded gravel, 10% fines, wet	5/50/	1654		2.1 12
		12.5		Bottom of borehole at 12.5 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER: **SB-2**	
PROJECT NAME: **Former Chevron Bulk Plant, Chevron No. 1001152**	LOCATION: **State Route 274, Tekoa, Washington**
PROJECT NUMBER: **01231-341**	
DRILLING CONTRACTOR / DRILLER: **Cascade Drilling**	LOGGED BY: **K. Kozlowska**
DRILLING EQUIPMENT / METHOD: **Hollow Stem**	BIT SIZE / BIT TYPE: **4.25 in. O.D.**
SAMPLING METHOD: **18 in. Split Barrel**	START-FINISH DATE: **10/15/07 - 10/15/07**
CASING MATL. / DIAMETER	SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/15/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SM	0.0 to 3.0 feet: SILTY SAND WITH GRAVEL (SM), dark brown, 55% coarse to fine sand, 20% angular to rounded gravel, 15% fines, dry				
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), brown to dark brown, 75% fine sand, 25% fines, dry	//	1420	100152-SB-2-3-4-1[illegible]07	0.2 12
5		5.0	CL	5.0 to 7.0 feet: SANDY LEAN CLAY (CL), dark brown, 35-40% coarse to fine sand, 55-60% fines, dry	//	1436	1001152-SB-2-6-7-1[illegible]607	0.1 12
		7.0	SC	7.0 to 8.0 feet: CLAYEY SAND (SC), light brown, 20-30% fine to very fine sand, 70-80% fines, dry	//			
		8.0	SM	8.0 to 10.0 feet: SILTY SAND (SM), olive gray to brown, 60% medium to fine sand, 40% fines, dry	3/5/7	1446	100152-SB-2-7.5-8-1[illegible]607	1804 6
						1614		7.9 18
10		10.0	GC	10.0 to 11.0 feet: CLAYEY GRAVEL WITH SAND (GC), brown to black, 15% coarse to fine sand, 40% subangular to subrounded gravel, 15% fines, wet	3/5/7	1618		18 0.9
		11.0		Bottom of borehole at 11 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	SB-3
PROJECT NAME	Former Chevron Bulk Plant, Chevron No. 1001152
PROJECT NUMBER	01231-341
LOCATION	State Route 274 Tekoa, Washington
DRILLING CONTRACTOR / DRILLER	Cascade Drilling
LOGGED BY	K. Kozlowska
DRILLING EQUIPMENT / METHOD	Hollow Stem
BIT SIZE / BIT TYPE	4.25 in. O.D.
SAMPLING METHOD	18 in. Split Barrel
START-FINISH DATE	10/15/07 - 10/16/07
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/15/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW	0.0 to 3.0 feet: WELL GRADED SAND WITH GRAVEL (SW), brown, 75% coarse to fine sand, 25% subangular to rounded gravel, dry	//			
		3.0	SP	3.0 to 5.0 feet: POORLY GRADED SAND (SP), light brown, 90% coarse to fine sand, 5% subrounded gravel, 5% fines, dry	//	1519	100152-SB-3-3-4-1	0.7 12
5		5.0	SM	5.0 to 7.0 feet: SILTY SAND (SM), brown, 70% fine to very fine sand, 30% fines, dry	//	1521	100152-SB-3-5.10-6.4	0.2 8
		7.0	SM	7.0 to 9.5 feet: SILTY SAND (SM), brown, 85% medium to fine sand, 15% fines, dry	4/4/6	1540		0.3 18
10		9.5	SP-SM	9.5 to 10.0 feet: POORLY GRADED SAND WITH SILT (SP-SM), brown, 85% fine to very fine sand, 5% angular to rounded gravel, 10% fines, dry	50//	1542		0.6 6
		10.0		Bottom of borehole at 10 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	**SB-4**
PROJECT NAME	**Former Chevron Bulk Plant, Chevron No. 1001152**
PROJECT NUMBER	**01231-341**
LOCATION	**State Route 274, Tekoa, Washington**
DRILLING CONTRACTOR / DRILLER	**Cascade Drilling**
LOGGED BY	**K. Kozlowska**
DRILLING EQUIPMENT / METHOD	**Hollow Stem**
BIT SIZE / BIT TYPE	**4.25 in. O.D.**
SAMPLING METHOD	**18 in. Split Barrel**
START-FINISH DATE	**10/15/07 - 10/16/07**
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/15/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH GRAVEL (SW-SM), brown, 70% medium to fine sand, 20% subangular to rounded gravel, 10% fines, dry	//			
		3.0	SP-SM	3.0 to 5.0 feet: POORLY GRADED SAND WITH SILT (SP-SM), light brown, 90% medium to fine sand, 10% fines, dry	// //	1700	100152-SB-4-3-3.5-[illegible]507	0.2 6
5		5.0	SM	5.0 to 7.5 feet: SILTY SAND (SM), brown, 70-80% medium to fine sand, 20-30% fines, dry	//	1713	100152-SB-4-6-7-1[illegible]07	7163 12
		7.5	SM	7.5 to 9.5 feet: SILTY SAND (SM), lught brown, 80% very fine sand, 20% fines, wet	// 5/7/7	0816		43.6 18
10		9.5	GC	9.5 to 11.0 feet: CLAYEY GRAVEL WITH SAND (GC), light brown, 20% fine sand, 30% subangular to rounded gravel, 50% fines, wet	7/7/8	0819		55.7 18
		11.0	SM-GW	11.0 to 12.0 feet: WELL GRADED GRAVEL WITH SILT AND SAND (SM-GW), dark brown, 20-25% medium to coarse sand, 70% angular to rounded gravel, 5-10% fines, wet	50//	0821		9.8 6
		12.0		Bottom of borehole at 12 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	**SB-5**
PROJECT NAME	**Former Chevron Bulk Plant, Chevron No. 1001152**
PROJECT NUMBER	**01231-341**
LOCATION	**State Route 274, Tekoa, Washington**
DRILLING CONTRACTOR / DRILLER	**Cascade Drilling**
LOGGED BY	**K. Kozlowska**
DRILLING EQUIPMENT / METHOD	**Hollow Stem**
BIT SIZE / BIT TYPE	**4.25 in. O.D.**
SAMPLING METHOD	**18 in. Split Barrel**
START-FINISH DATE	**10/17/07 - 10/17/07**
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN	GW SURFACE: **>11** / DATE
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm)	Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/17/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//				
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH SILT (SW-SM), light gray to brown, 75% coarse to fine sand, 15% angular to rounded gravel, 10% fines, dry					
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), black, 80% coarse to fine sand, 20% fines, dry	//	0914	100152-SB-5-3-4-1-07	252	12
5					//				
					//	0921	100152-SB-5-6-6.5-1-707	181.9	12
		7.0	SM	7.0 to 9.5 feet: SILTY SAND (SM), gray, 80% fine to very fine sand, 20% fines, dry	//				
					3/4/5	0943		379	18
10		9.5	SW-SM	9.5 to 11.0 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), gray to dark gray, 65-70% fine to very fine sand, 20-25% angular to rounded gravel, 10% fines, dry to moist	3/3/50	0946		668	18
		11.0		Bottom of borehole at 11 feet.					

Hydrated Bentonite Chips

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	**SB-6**
PROJECT NAME	**Former Chevron Bulk Plant, Chevron No. 1001152**
PROJECT NUMBER	**01231-341**
LOCATION	**State Route 274, Tekoa, Washington**
DRILLING CONTRACTOR / DRILLER	**Cascade Drilling**
LOGGED BY	**K. Kozlowska**
DRILLING EQUIPMENT / METHOD	**Hollow Stem**
BIT SIZE / BIT TYPE	**4.25 in. O.D.**
SAMPLING METHOD	**18 in. Split Barrel**
START-FINISH DATE	**10/16/07 - 10/16/07**
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SM	0.0 to 3.0 feet: SILTY SAND WITH GRAVEL (SM), brown, 60% coarse to fine sand, 20% very angular to well rounded gravel, 20% fines, dry	//			
					//			8
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), light brown, 85% fine to very fine sand, 15% fines, dry	//	0833	100152-SB-6-3-4-1-07	0.3
5								
					//	0842	100152-SB-6-6-6.5-1-607	8.8
					//			6
		7.0	SM	7.0 to 9.0 feet: SILTY SAND (SM), light brown, 75% medium to fine sand, 5% subangular to rounded gravel, 20% fines, dry	4/2/3			
		9.0	SC	9.0 to 9.5 feet: CLAYEY SAND (SC), grayish green, 60% fine to very fine sand, 40% fines, moist		0910		71.2
		9.5	SC	9.5 to 11.0 feet: CLAYEY SAND WITH GRAVEL (SC), gray to dark brown, 35% coarse to fine sand, 30% subrounded to rounded gravel, 30% fines, moist	3/2/3			18
10						0912		17.2
		11.0		Bottom of borehole at 11 feet.				18

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	SB-7
PROJECT NAME	Former Chevron Bulk Plant, Chevron No. 1001152
PROJECT NUMBER	01231-341
LOCATION	State Route 274 Tekoa, Washington
DRILLING CONTRACTOR / DRILLER	Cascade Drilling
LOGGED BY	K. Kozlowska
DRILLING EQUIPMENT / METHOD	Hollow Stem
BIT SIZE / BIT TYPE	4.25 in. O.D.
SAMPLING METHOD	18 in. Split Barrel
START-FINISH DATE	10/17/07 - 10/17/07
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/17/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), brown, 70% coarse to fine sand, 20% subangular to rounded gravel, 10% fines, dry	//			
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), gray to black, 80% fine sand, 20% fines, dry	//	0843	100152-SB-7-3-4-1	80 12
5					//			
					//	0848	100152-SB-7-6-6.5-	2558 6
		7.0	SW	7.0 to 9.5 feet: WELL GRADED SAND WITH GRAVEL (SW), very dark gray, 75% medium to fine sand, 20% angular to rounded gravel, 5% fines, moist to wet	3/3/7	1006		24.9 18
10		9.5	GW-GM	9.5 to 11.0 feet: WELL GRADED GRAVEL WITH SILT AND SAND (GW-GM), very dark gray, 35% coarse to fine sand, 55% subangular to rounded gravel, 10% fines, wet	3/4/50	1010		8.8 18
		11.0		Bottom of borehole at 11 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	SB-8
PROJECT NAME	Former Chevron Bulk Plant, Chevron No. 1001152
PROJECT NUMBER	01231-341
LOCATION	State Route 274 Tekoa, Washington
DRILLING CONTRACTOR / DRILLER	Cascade Drilling
LOGGED BY	K. Kozlowska
DRILLING EQUIPMENT / METHOD	Hollow Stem
BIT SIZE / BIT TYPE	4.25 in. O.D.
SAMPLING METHOD	18 in. Split Barrel
START-FINISH DATE	10/16/07 - 10/17/07
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SM	0.0 to 3.0 feet: SILTY SAND WITH GRAVEL (SM), light brown, 70% coarse to fine sand, 15% angular to rounded gravel, 15% fines, dry				
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), very dark brown, 85% medium to fine sand, 15% fines, dry	//	1622		1.4 12
5		5.0	SC	5.0 to 7.5 feet: CLAYEY SAND (SC), dark brown, 70% medium fo very fine sand, 30% fines, moist	//	1634	100152-SB-8-6-7-1	0.5 12
		7.5	SM	7.5 to 9.5 feet: SILTY SAND WITH GRAVEL (SM), very dark brown, 50% coarse to fine sand, 30% angular to rounded gravel, 20% fines, wet	2/14/21	0904		3.1 18
10		9.5 10.0	SW	9.5 to 10.0 feet: WELL GRADED SAND WITH GRAVEL (SW), very dark brown, 80% coarse to fine sand, 15% angular to rounded gravel, 5% fines, wet Bottom of borehole at 10 feet.	50//	0908		1.1 6

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

SOIL BORING LOG

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BOREHOLE NUMBER	**SB-9**
PROJECT NAME	**Former Chevron Bulk Plant, Chevron No. 1001152**
PROJECT NUMBER	**01231-341**
LOCATION	**State Route 274, Tekoa, Washington**
DRILLING CONTRACTOR / DRILLER	**Cascade Drilling**
LOGGED BY	**K. Kozlowska**
DRILLING EQUIPMENT / METHOD	**Hollow Stem**
BIT SIZE / BIT TYPE	**4.25 in. O.D.**
SAMPLING METHOD	**18 in. Split Barrel**
START-FINISH DATE	**10/17/07 - 10/17/07**
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/17/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH SILT AND SAND (SW-SM), brown, 70% coarse to fine sand, 20% sunangular to rounded gravel, 10% fines, dry	//			
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), very dark brown to black , 85% coarse to fine sand, 15% fines, dry	//	0823	100152-SB-9-3-4-1-[illegible]07	1354 12
5				Hydrated Bentonite Chips	//			
					//	0829	100152-SB-9-6-6.5-[illegible]707	3353 6
		7.5	SP-SM	7.5 to 9.5 feet: POORLY GRADED SAND WITH SILT (SP-SM), grayish green to black, 90% fine to very fine sand, 10 fines, moist to wet	3/3/7	1055		17.6 18
Groundwater Level		9.5	SM	9.5 to 10.0 feet: SILTY SAND WITH GRAVEL (SM), brown to dark gray, 70% fine sand, 15% angular to subrounded gravel, 15% fines, wet	50//	1105		10.9 6
10		10.0		Bottom of borehole at 10 feet.				

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER: **SB-10**	
PROJECT NAME: **Former Chevron Bulk Plant, Chevron No. 1001152**	LOCATION: **State Route 274, Tekoa, Washington**
PROJECT NUMBER: **01231-341**	
DRILLING CONTRACTOR / DRILLER: **Cascade Drilling**	LOGGED BY: **K. Kozlowska**
DRILLING EQUIPMENT / METHOD: **Hollow Stem**	BIT SIZE / BIT TYPE: **4.25 in. O.D.**
SAMPLING METHOD: **18 in. Split Barrel**	START-FINISH DATE: **10/16/07 - 10/16/07**
CASING MATL. / DIAMETER:	SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

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Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW	0.0 to 3.0 feet: WELL GRADED SAND WITH GRAVEL (SW), brown, 75% coarse to very fine sand, 20% subangular to rounded gravel, 5% fines, dry	//			
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), dark brown, 85% fine to very fine sand, 15% fines, dry	//	1545	100152-SB-10-3-4-1[illegible]607	0.2 12
5		5.0	SM	5.0 to 6.5 feet: SILTY SAND (SM), dark brown to black, 75% fine to very fine sand, 25% fines, dry	//	1553	100152-SB-10-6-6.5-607	1287 12
		6.5	SW-SM	6.5 to 8.5 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), light gray to gray, 75% coarse to fine sand, 15% angular to rounded gravel, 10% fines, moist	1/2/3	1622		91.4 18
		8.5	SW-SM	8.5 to 10.0 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), gray to brown, 70% coarse to fine sand, 20% subangular to rounded gravel, 10% fines, moist to wet	2/10/14	1624		3.4 18
10		10.0		Bottom of borehole at 10 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

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SOIL BORING LOG

BOREHOLE NUMBER	SB-11
PROJECT NAME	Former Chevron Bulk Plant, Chevron No. 1001152
PROJECT NUMBER	01231-341
LOCATION	State Route 274 Tekoa, Washington
DRILLING CONTRACTOR / DRILLER	Cascade Drilling
LOGGED BY	K. Kozlowska
DRILLING EQUIPMENT / METHOD	Hollow Stem
BIT SIZE / BIT TYPE	4.25 in. O.D.
SAMPLING METHOD	18 in. Split Barrel
START-FINISH DATE	10/16/07 - 10/16/07
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

ENSR Corporation
9521 Willows Road NE
Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), light to dark brown, 75% coarse to very fine sand, 15% subangular to rounded gravel, 10% fines, dry	//			
		3.0	SP-SM	3.0 to 5.0 feet: POORLY GRADED SAND WITH SILT (SP-SM), dark brown, 85% fine to very fine sand, 5% subangular to angular gravel, 10% fines, dry	//	1023	100152-SB-11-3-3.8-607	0.4 12
5		5.0	SW-SM	5.0 to 7.0 feet: WELL GRADED GRAVEL WITH SILT AND SAND (GW-SM), dark brown, 30% coarse to fine sand, 60% angular to rounded gravel, 10% fines, dry to moist	// //	1037	100152-SB-11-5.8-6.2-607	4 0.5
		7.0	GM	7.0 to 9.5 feet: SILTY GRAVEL WITH SAND (GM), dark brown, 10-20% medium to fine sand, 60-65% angular to rounded gravel, 20-25% fines, wet	4/50/	1100		57.6 12
		9.5		Bottom of borehole at 9.5 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

ENSR | AECOM

SOIL BORING LOG

BOREHOLE NUMBER: **SB-12**	
PROJECT NAME: **Former Chevron Bulk Plant, Chevron No. 1001152**	LOCATION: **State Route 274, Tekoa, Washington**
PROJECT NUMBER: **01231-341**	
DRILLING CONTRACTOR / DRILLER: **Cascade Drilling**	LOGGED BY: **K. Kozlowska**
DRILLING EQUIPMENT / METHOD: **Hollow Stem**	BIT SIZE / BIT TYPE: **4.25 in. O.D.**
SAMPLING METHOD: **18 in. Split Barrel**	START-FINISH DATE: **10/16/07 - 10/16/07**
CASING MATL. / DIAMETER:	SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

ENSR Corporation
9521 Willows Road NE
Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), brown, 70% coarse to fine sand, 20% subangular to rounded gravel, 10% fines, dry	//			
		3.0	SM	3.0 to 7.5 feet: SILTY SAND (SM), dark brown to gray, 80-85% fine to very fine sand, 15-20% fines, dry to moist	//	0933	100152-SB-12-3-3.6-	607 0.4 8
5					//			
					//	0944	100152-SB-12-6-6.4-	607 2.4 6
		7.5	GW-GM	7.5 to 9.5 feet: WELL GRADED GRAVEL WITH SILT AND SAND (GW-GM), light brown to grayish green, 40% coarse to fine sand, 50% subrounded to rounded gravel, 10% fines, dry to moist	2/6/8	1007		31.6 18
10		9.5	SC	9.5 to 11.0 feet: CLAYEY SAND WITH GRAVEL (SC), dark brown to greyish green, 40% coarse to very fine sand, 20% subangular to rounded gravel, 40% fines, moist	5/12/50	1011		30.4 18
		11.0		Bottom of borehole at 11 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

ENSR | AECOM

SOIL BORING LOG

BOREHOLE NUMBER	**SB-13**
PROJECT NAME	**Former Chevron Bulk Plant, Chevron No. 1001152**
PROJECT NUMBER	**01231-341**
LOCATION	**State Route 274, Tekoa, Washington**
DRILLING CONTRACTOR / DRILLER	**Cascade Drilling**
LOGGED BY	**K. Kozlowska**
DRILLING EQUIPMENT / METHOD	**Hollow Stem**
BIT SIZE / BIT TYPE	**4.25 in. O.D.**
SAMPLING METHOD	**18 in. Split Barrel**
START-FINISH DATE	**10/16/07 - 10/16/07**
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

ENSR Corporation
9521 Willows Road NE
Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm) Recovery (inches)
			SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//			
		1.5	SM	0.0 to 3.0 feet: SILTY SAND WITH GRAVEL (SM), light brown, 60% coarse to fine sand, 20% very angular to well rounded gravel, 20% fines, dry				
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), dark brown, 80% fine sand, 20% fines, dry	//	1106	100152-SB-13-3-4-1[illegible]607	0.9 12
5		5.0	SC	5.0 to 7.0 feet: CLAYEY SAND (SC), dark brown, 65% fine to very fine sand, 35% fines, moist	// //	1121	100152-SB-13-6-6.5-[illegible]607	2.5 6
		7.0	SW-SM	7.0 to 9.5 feet: WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM), dark brown to greenish gray, 45% coarse to fine sand, 45% subangular to rounded gravel, 10% fines, wet	2/9/50	1151		14.2 16
		9.5		Bottom of borehole at 9.5 feet.				

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

ENSR | AECOM

SOIL BORING LOG

BOREHOLE NUMBER	**SB-14**
PROJECT NAME	**Former Chevron Bulk Plant, Chevron No. 1001152**
PROJECT NUMBER	**01231-341**
LOCATION	**State Route 274, Tekoa, Washington**
DRILLING CONTRACTOR / DRILLER	**Cascade Drilling**
LOGGED BY	**K. Kozlowska**
DRILLING EQUIPMENT / METHOD	**Hollow Stem**
BIT SIZE / BIT TYPE	**4.25 in. O.D.**
SAMPLING METHOD	**18 in. Split Barrel**
START-FINISH DATE	**10/16/07 - 10/16/07**
CASING MATL. / DIAMETER	
SCREEN: TYPE / MATL. / TOTAL LENGTH / DIA. / SLOT SIZE	
ELEVATION OF: (FT.) GROUND SURFACE / TOP OF WELL CASING / TOP & BOTTOM SCREEN / GW SURFACE / DATE	
NORTHING / EASTING / LATITUDE / LONGITUDE / DATUM	

ENSR Corporation
9521 Willows Road NE
Redmond, Washington 98052

Depth (feet)	Graphic Log	True Depth	USCS	Visual Description	Blow Counts	Sample Time	Sample ID	PID Values (ppm)	Recovery (inches)
			SW-SM	0.0 to 8.0 feet: Air knife/vacuum extraction and hand auger used to clear all utility lines on 10/16/07. Samples collected at 3.0 feet and 6.0 feet using a hand auger.	//				
		1.5	SW-SM	0.0 to 3.0 feet: WELL GRADED SAND WITH SILT (SW-SM), light brown, 80% coarse to fine sand, 10% angular to rounded gravel, 10% fines, dry					
		3.0	SM	3.0 to 5.0 feet: SILTY SAND (SM), dark brown, 75% medium to fine sand, 25% fines, dry	// //	1215	100152-SB-14-3-3.5-	607	0.4 6
5		5.0	SC	5.0 to 7.0 feet: CLAYEY SAND (SC), dark brown, 75% medium to fine sand, 5% angular to well rounded gravel, 20% fines, dry	// //	1220	100152-SB-14-6-6.5-	607	0.8 6
		7.0	SC	7.0 to 9.5 feet: CLAYEY SAND (SC), dark brown to gray, 40% coarse to fine sand, 60% fines, moist	1/1/7	1330			0.5 18
10		9.5	GW-GM	9.5 to 11.0 feet: WELL GRADED GRAVEL WITH SILT AND SAND (GW-GM), dark gray to black, 30% coarse to fine sand, 60% very angular to subrounded gravel, 10% fines, moist to wet	5/5/6	1333			0.4 18
		11.0	GW	11.0 to 12.0 feet: WELL GRADED GRAVEL WITH SAND (GW), dark brown to greenish gray, 35% coarse to fine sand, 60% very angular to subrounded gravel, 5% fines, wet	15/50/	1337			0.5 12
		12.0		Bottom of borehole at 12 feet.					

Hydrated Bentonite Chips

Groundwater Level

PLUNGE 01231-341.GPJ ENSR-2 CA.GDT 12/07/07

Appendix B
Laboratory Report

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1061924. Samples arrived at the laboratory on Friday, October 19, 2007. The PO# for this group is 2057326 and the release number is INGLIS.

Client Description	Lancaster Labs Number
1001152-SB-1-6-7-101507 Soil Sample	5190633
1001152-SB-2-7.5-8-101507 Soil Sample	5190636
1001152-SB-4-6-7-101507 Soil Sample	5190638
1001152-TMW2-101707 Water Sample	5190640
1001152-TMW5-101707 Water Sample	5190641
1001152-SB7-6-6.5-101707 Soil Sample	5190643
1001152-SB9-6-6.5-101707 Soil Sample	5190644
1001152-SB9-3-4-101707 Soil Sample	5190645
1001152-SB5-6-6.5-101707 Soil Sample	5190647
1001152-SB10-6-6.5-101707 Soil Sample	5190648
1001152-SB8-6-7-101607 Soil Sample	5190650
1001152-TMW5-101707 Water Sample	5190651
1001152-TMW4-101707 Water Sample	5190652
1001152-TMW-6-101707 Water Sample	5190653
1001152-TMW-3-101707 Water Sample	5190654
1001152-TMW-1-101707 Water Sample	5190655
1001152-TMW5-101707 Water Sample	5190656
1001152-SB-3-5.10-6.4-101607 Soil Sample	5190658
1001152-SB-14-6-6.5-101607 Soil Sample	5190659
1001152-TMW-7-101707 Water Sample	5190661
1001152-TMW-6-101707 Water Sample	5190662
1001152-TMW-2-101707 Water Sample	5190663
1001152-TMW2-101707 Water Sample	5190664
1001152-TMW-8-101707 Water Sample	5190665
1001152-TMW-8-101707 Water Sample	5190666

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Analysis Report

1001152-TMW-2-101707 Water Sample	5190667
1001152-SB-13-6-6.5-101607 Soil Sample	5190668
1001152-SB-2-7.5-8-101507 Soil Sample	5190669
1001152-SB-4-6-7-101507 Soil Sample	5190670
1001152-SB-12-6-6.4-101607 Soil Sample	5190672
1001152-SB6-6-6.5-101607 Soil Sample	5190674
1001152-SB11-5.8-6.2-101607 Soil Sample	5190677
1001152-SB10-6-6.5-101507 Soil Sample	5190680
1001152-SB14-6-6.5-101607 Soil Sample	5190681
1001152-SB3-5.10-6.4-101607 Soil Sample	5190684

ELECTRONIC COPY TO	ENSR-AECOM	Attn: Mike Mechaelis
ELECTRONIC COPY TO	Chevron	Attn: Brett Bardsley

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Chad Moline

Chad A. Moline
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190633

1001152-SB-1-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 16:04 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK1-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time.						
	The sample was analyzed 2 days outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
05441	EPA SW846/8260 (soil)						
05460	Benzene	71-43-2	N.D.	0.022	0.22	mg/kg	43.48
05466	Toluene	108-88-3	N.D.	0.043	0.22	mg/kg	43.48
05474	Ethylbenzene	100-41-4	N.D.	0.043	0.22	mg/kg	43.48
05475	m+p-Xylene	1330-20-7	N.D.	0.043	0.22	mg/kg	43.48
05476	o-Xylene	95-47-6	N.D.	0.043	0.22	mg/kg	43.48

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 06:07	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/23/2007 06:16	Matthew E Barton	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 08:05	Stephanie A Selis	43.48
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 15:50	Lois E Hiltz	n.a.
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	1	10/15/2007 16:04	Client Supplied	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190633

1001152-SB-1-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 16:04 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK1-6

06171	GC/MS - Field Preserved MeOH	SW-846 5035A	2	10/15/2007 16:04	Client Supplied	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/21/2007 12:00	Mariam G Attalla	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190636

1001152-SB-2-7.5-8-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 14:46 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK2-7

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils							
01659	TPH by NWTPH-Gx soils	n.a.	860.		84.	420.	mg/kg	2111.49
02214	TPH by NWTPH-Dx(soils) w/SiGel							
02097	Diesel Range Organics	n.a.	94.		3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.		10.	30.	mg/kg	1
03983	EPA SW 846/8260 - Soil							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.022	0.22	mg/kg	43.94
02017	di-Isopropyl ether	108-20-3	N.D.		0.044	0.22	mg/kg	43.94
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.044	0.22	mg/kg	43.94
02019	t-Amyl methyl ether	994-05-8	N.D.		0.044	0.22	mg/kg	43.94
02020	t-Butyl alcohol	75-65-0	N.D.		0.88	4.4	mg/kg	43.94
06089	Ethanol	64-17-5	5.9	J	4.4	22.	mg/kg	43.94
06293	Acetone	67-64-1	N.D.		0.31	0.88	mg/kg	43.94
06294	Carbon Disulfide	75-15-0	N.D.		0.044	0.22	mg/kg	43.94
06296	2-Butanone	78-93-3	N.D.		0.18	0.44	mg/kg	43.94
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.044	0.22	mg/kg	43.94
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.044	0.22	mg/kg	43.94
06299	4-Methyl-2-pentanone	108-10-1	N.D.		0.13	0.44	mg/kg	43.94
06300	2-Hexanone	591-78-6	N.D.		0.13	0.44	mg/kg	43.94
07585	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		0.088	0.44	mg/kg	43.94
08199	Freon 113	76-13-1	N.D.		0.088	0.44	mg/kg	43.94
05441	EPA SW846/8260 (soil)							
05443	Dichlorodifluoromethane	75-71-8	N.D.		0.088	0.22	mg/kg	43.94
05444	Chloromethane	74-87-3	N.D.		0.088	0.22	mg/kg	43.94
05445	Vinyl Chloride	75-01-4	N.D.		0.044	0.22	mg/kg	43.94
05446	Bromomethane	74-83-9	N.D.		0.088	0.22	mg/kg	43.94
05447	Chloroethane	75-00-3	N.D.		0.088	0.22	mg/kg	43.94
05448	Trichlorofluoromethane	75-69-4	N.D.		0.088	0.22	mg/kg	43.94
05449	1,1-Dichloroethene	75-35-4	N.D.		0.044	0.22	mg/kg	43.94
05450	Methylene Chloride	75-09-2	N.D.		0.088	0.22	mg/kg	43.94
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		0.044	0.22	mg/kg	43.94

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190636

1001152-SB-2-7.5-8-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 14:46 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK2-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05452	1,1-Dichloroethane	75-34-3	N.D.	0.044	0.22	mg/kg	43.94
05453	2,2-Dichloropropane	594-20-7	N.D.	0.044	0.22	mg/kg	43.94
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.044	0.22	mg/kg	43.94
05455	Chloroform	67-66-3	N.D.	0.044	0.22	mg/kg	43.94
05456	Bromochloromethane	74-97-5	N.D.	0.044	0.22	mg/kg	43.94
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.044	0.22	mg/kg	43.94
05458	Carbon Tetrachloride	56-23-5	N.D.	0.044	0.22	mg/kg	43.94
05459	1,1-Dichloropropene	563-58-6	N.D.	0.044	0.22	mg/kg	43.94
05460	Benzene	71-43-2	N.D.	0.022	0.22	mg/kg	43.94
05461	1,2-Dichloroethane	107-06-2	N.D.	0.044	0.22	mg/kg	43.94
05462	Trichloroethene	79-01-6	N.D.	0.044	0.22	mg/kg	43.94
05463	1,2-Dichloropropane	78-87-5	N.D.	0.044	0.22	mg/kg	43.94
05464	Dibromomethane	74-95-3	N.D.	0.044	0.22	mg/kg	43.94
05465	Bromodichloromethane	75-27-4	N.D.	0.044	0.22	mg/kg	43.94
05466	Toluene	108-88-3	N.D.	0.044	0.22	mg/kg	43.94
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.044	0.22	mg/kg	43.94
05468	Tetrachloroethene	127-18-4	N.D.	0.044	0.22	mg/kg	43.94
05469	1,3-Dichloropropane	142-28-9	N.D.	0.044	0.22	mg/kg	43.94
05470	Dibromochloromethane	124-48-1	N.D.	0.044	0.22	mg/kg	43.94
05471	1,2-Dibromoethane	106-93-4	N.D.	0.044	0.22	mg/kg	43.94
05472	Chlorobenzene	108-90-7	N.D.	0.044	0.22	mg/kg	43.94
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.044	0.22	mg/kg	43.94
05474	Ethylbenzene	100-41-4	0.62	0.044	0.22	mg/kg	43.94
05475	m+p-Xylene	1330-20-7	2.3	0.044	0.22	mg/kg	43.94
05476	o-Xylene	95-47-6	0.52	0.044	0.22	mg/kg	43.94
05477	Styrene	100-42-5	N.D.	0.044	0.22	mg/kg	43.94
05478	Bromoform	75-25-2	N.D.	0.044	0.22	mg/kg	43.94
05479	Isopropylbenzene	98-82-8	0.63	0.044	0.22	mg/kg	43.94
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.044	0.22	mg/kg	43.94
05481	Bromobenzene	108-86-1	N.D.	0.044	0.22	mg/kg	43.94
05482	1,2,3-Trichloropropane	96-18-4	N.D.	0.044	0.22	mg/kg	43.94
05483	n-Propylbenzene	103-65-1	1.2	0.044	0.22	mg/kg	43.94
05484	2-Chlorotoluene	95-49-8	N.D.	0.044	0.22	mg/kg	43.94
05485	1,3,5-Trimethylbenzene	108-67-8	2.5	0.044	0.22	mg/kg	43.94
05486	4-Chlorotoluene	106-43-4	N.D.	0.044	0.22	mg/kg	43.94
05487	tert-Butylbenzene	98-06-6	N.D.	0.044	0.22	mg/kg	43.94
05488	1,2,4-Trimethylbenzene	95-63-6	5.6	0.044	0.22	mg/kg	43.94
05489	sec-Butylbenzene	135-98-8	0.60	0.044	0.22	mg/kg	43.94
05490	p-Isopropyltoluene	99-87-6	0.89	0.044	0.22	mg/kg	43.94
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.044	0.22	mg/kg	43.94
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.044	0.22	mg/kg	43.94

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190636

1001152-SB-2-7.5-8-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 14:46 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK2-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05493	n-Butylbenzene	104-51-8	0.86	0.044	0.22	mg/kg	43.94
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.044	0.22	mg/kg	43.94
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.088	0.22	mg/kg	43.94
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.044	0.22	mg/kg	43.94
05497	Hexachlorobutadiene	87-68-3	N.D.	0.088	0.22	mg/kg	43.94
05498	Naphthalene	91-20-3	0.52	0.044	0.22	mg/kg	43.94
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.044	0.22	mg/kg	43.94

Ethanol was detected in the method blank at an estimated concentration of 7.5 mg/kg. The blank value was not subtracted from the analytical result. Ethanol is a contaminant in the methanol used to perform the high level extraction.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/22/2007 20:59	Linda C Pape	2111.49
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/23/2007 06:55	Matthew E Barton	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/25/2007 08:28	Stephanie A Selis	43.94
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 08:28	Stephanie A Selis	43.94
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/15/2007 14:46	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	10/15/2007 14:46	Client Supplied	1
06647	GC Field Preserved MeOH	SW-846 5035A	1	10/15/2007 14:46	Client Supplied	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/21/2007 12:00	Mariam G Attalla	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	1	10/15/2007 14:46	Client Supplied	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5190638

1001152-SB-4-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 17:13 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK4-6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils							
01659	TPH by NWTPH-Gx soils	n.a.	810.		89.	440.	mg/kg	2224.2
03983	EPA SW 846/8260 - Soil							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.019	0.19	mg/kg	38.7
02017	di-Isopropyl ether	108-20-3	N.D.		0.039	0.19	mg/kg	38.7
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.039	0.19	mg/kg	38.7
02019	t-Amyl methyl ether	994-05-8	N.D.		0.039	0.19	mg/kg	38.7
02020	t-Butyl alcohol	75-65-0	N.D.		0.77	3.9	mg/kg	38.7
06089	Ethanol	64-17-5	5.0	J	3.9	19.	mg/kg	38.7
06293	Acetone	67-64-1	N.D.		0.27	0.77	mg/kg	38.7
06294	Carbon Disulfide	75-15-0	N.D.		0.039	0.19	mg/kg	38.7
06296	2-Butanone	78-93-3	N.D.		0.15	0.39	mg/kg	38.7
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.039	0.19	mg/kg	38.7
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.039	0.19	mg/kg	38.7
06299	4-Methyl-2-pentanone	108-10-1	N.D.		0.12	0.39	mg/kg	38.7
06300	2-Hexanone	591-78-6	N.D.		0.12	0.39	mg/kg	38.7
07585	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		0.077	0.39	mg/kg	38.7
08199	Freon 113	76-13-1	N.D.		0.077	0.39	mg/kg	38.7
05441	EPA SW846/8260 (soil)							
05443	Dichlorodifluoromethane	75-71-8	N.D.		0.077	0.19	mg/kg	38.7
05444	Chloromethane	74-87-3	N.D.		0.077	0.19	mg/kg	38.7
05445	Vinyl Chloride	75-01-4	N.D.		0.039	0.19	mg/kg	38.7
05446	Bromomethane	74-83-9	N.D.		0.077	0.19	mg/kg	38.7
05447	Chloroethane	75-00-3	N.D.		0.077	0.19	mg/kg	38.7
05448	Trichlorofluoromethane	75-69-4	N.D.		0.077	0.19	mg/kg	38.7
05449	1,1-Dichloroethene	75-35-4	N.D.		0.039	0.19	mg/kg	38.7
05450	Methylene Chloride	75-09-2	N.D.		0.077	0.19	mg/kg	38.7
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		0.039	0.19	mg/kg	38.7
05452	1,1-Dichloroethane	75-34-3	N.D.		0.039	0.19	mg/kg	38.7
05453	2,2-Dichloropropane	594-20-7	N.D.		0.039	0.19	mg/kg	38.7
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		0.039	0.19	mg/kg	38.7
05455	Chloroform	67-66-3	N.D.		0.039	0.19	mg/kg	38.7
05456	Bromochloromethane	74-97-5	N.D.		0.039	0.19	mg/kg	38.7
05457	1,1,1-Trichloroethane	71-55-6	N.D.		0.039	0.19	mg/kg	38.7

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190638

1001152-SB-4-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 17:13 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK4-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.039	0.19	mg/kg	38.7
05459	1,1-Dichloropropene	563-58-6	N.D.	0.039	0.19	mg/kg	38.7
05460	Benzene	71-43-2	N.D.	0.019	0.19	mg/kg	38.7
05461	1,2-Dichloroethane	107-06-2	N.D.	0.039	0.19	mg/kg	38.7
05462	Trichloroethene	79-01-6	N.D.	0.039	0.19	mg/kg	38.7
05463	1,2-Dichloropropane	78-87-5	N.D.	0.039	0.19	mg/kg	38.7
05464	Dibromomethane	74-95-3	N.D.	0.039	0.19	mg/kg	38.7
05465	Bromodichloromethane	75-27-4	N.D.	0.039	0.19	mg/kg	38.7
05466	Toluene	108-88-3	N.D.	0.039	0.19	mg/kg	38.7
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.039	0.19	mg/kg	38.7
05468	Tetrachloroethene	127-18-4	N.D.	0.039	0.19	mg/kg	38.7
05469	1,3-Dichloropropane	142-28-9	N.D.	0.039	0.19	mg/kg	38.7
05470	Dibromochloromethane	124-48-1	N.D.	0.039	0.19	mg/kg	38.7
05471	1,2-Dibromoethane	106-93-4	N.D.	0.039	0.19	mg/kg	38.7
05472	Chlorobenzene	108-90-7	N.D.	0.039	0.19	mg/kg	38.7
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.039	0.19	mg/kg	38.7
05474	Ethylbenzene	100-41-4	0.26	0.039	0.19	mg/kg	38.7
05475	m+p-Xylene	1330-20-7	1.8	0.039	0.19	mg/kg	38.7
05476	o-Xylene	95-47-6	0.79	0.039	0.19	mg/kg	38.7
05477	Styrene	100-42-5	N.D.	0.039	0.19	mg/kg	38.7
05478	Bromoform	75-25-2	N.D.	0.039	0.19	mg/kg	38.7
05479	Isopropylbenzene	98-82-8	0.051 J	0.039	0.19	mg/kg	38.7
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.039	0.19	mg/kg	38.7
05481	Bromobenzene	108-86-1	N.D.	0.039	0.19	mg/kg	38.7
05482	1,2,3-Trichloropropane	96-18-4	N.D.	0.039	0.19	mg/kg	38.7
05483	n-Propylbenzene	103-65-1	0.24	0.039	0.19	mg/kg	38.7
05484	2-Chlorotoluene	95-49-8	N.D.	0.039	0.19	mg/kg	38.7
05485	1,3,5-Trimethylbenzene	108-67-8	1.0	0.039	0.19	mg/kg	38.7
05486	4-Chlorotoluene	106-43-4	N.D.	0.039	0.19	mg/kg	38.7
05487	tert-Butylbenzene	98-06-6	N.D.	0.039	0.19	mg/kg	38.7
05488	1,2,4-Trimethylbenzene	95-63-6	2.4	0.039	0.19	mg/kg	38.7
05489	sec-Butylbenzene	135-98-8	0.079 J	0.039	0.19	mg/kg	38.7
05490	p-Isopropyltoluene	99-87-6	0.13 J	0.039	0.19	mg/kg	38.7
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.039	0.19	mg/kg	38.7
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.039	0.19	mg/kg	38.7
05493	n-Butylbenzene	104-51-8	N.D.	0.039	0.19	mg/kg	38.7
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.039	0.19	mg/kg	38.7
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.077	0.19	mg/kg	38.7
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.039	0.19	mg/kg	38.7
05497	Hexachlorobutadiene	87-68-3	N.D.	0.077	0.19	mg/kg	38.7
05498	Naphthalene	91-20-3	0.24	0.039	0.19	mg/kg	38.7

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190638

1001152-SB-4-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 17:13 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK4-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.039	0.19	mg/kg	38.7

Ethanol was detected in the method blank at an estimated concentration of 7.5 mg/kg. The blank value was not subtracted from the analytical result. Ethanol is a contaminant in the methanol used to perform the high level extraction.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/22/2007 19:19	Linda C Pape	2224.2
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/25/2007 09:13	Stephanie A Selis	38.7
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 09:13	Stephanie A Selis	38.7
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/15/2007 17:13	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	10/15/2007 17:13	Client Supplied	1
06647	GC Field Preserved MeOH	SW-846 5035A	1	10/15/2007 17:13	Client Supplied	n.a.
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	1	10/15/2007 17:13	Client Supplied	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190640

1001152-TMW2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	2.0	0.047	1.0	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 10:12	James R Williams II	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 13:10	Mirit S Shenouda	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190641

1001152-TMW5-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:05 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	N.D.	0.047	1.0	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 10:15	James R Williams II	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 13:10	Mirit S Shenouda	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190643

1001152-SB7-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:48 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK7-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06135	Lead	7439-92-1	9.17	0.149	0.990	mg/kg	10
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	770.	40.	200.	mg/kg	1000
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	180.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
02858	Selected SVOA's in soil by SIM						
02863	Naphthalene	91-20-3	0.79	0.013	0.033	mg/kg	20
02864	2-Methylnaphthalene	91-57-6	1.6	0.013	0.033	mg/kg	20
02867	Acenaphthylene	208-96-8	N.D.	0.010	0.010	mg/kg	1
02868	Acenaphthene	83-32-9	0.015	0.00067	0.0017	mg/kg	1
02870	Fluorene	86-73-7	0.048	0.00067	0.0017	mg/kg	1
02871	Phenanthrene	85-01-8	0.036	0.00067	0.0017	mg/kg	1
02872	Anthracene	120-12-7	0.0044	0.00033	0.0017	mg/kg	1
02874	Fluoranthene	206-44-0	0.0017 J	0.00067	0.0017	mg/kg	1
02875	Pyrene	129-00-0	0.0021	0.00067	0.0017	mg/kg	1
02876	Benzo(a)anthracene	56-55-3	N.D.	0.00067	0.0017	mg/kg	1
02877	Chrysene	218-01-9	0.0011 J	0.00033	0.0017	mg/kg	1
02878	Benzo(b)fluoranthene	205-99-2	0.00099 J	0.00067	0.0017	mg/kg	1
02879	Benzo(k)fluoranthene	207-08-9	N.D.	0.00067	0.0017	mg/kg	1
02880	Benzo(a)pyrene	50-32-8	N.D.	0.00067	0.0017	mg/kg	1
02881	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.00067	0.0017	mg/kg	1
02882	Dibenz(a,h)anthracene	53-70-3	N.D.	0.00067	0.0017	mg/kg	1
02883	Benzo(g,h,i)perylene	191-24-2	N.D.	0.00067	0.0017	mg/kg	1

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

Due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

03983 EPA SW 846/8260 - Soil

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190643

1001152-SB7-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:48 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK7-6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.022	0.22	mg/kg	44.01
02017	di-Isopropyl ether	108-20-3	N.D.		0.044	0.22	mg/kg	44.01
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.044	0.22	mg/kg	44.01
02019	t-Amyl methyl ether	994-05-8	N.D.		0.044	0.22	mg/kg	44.01
02020	t-Butyl alcohol	75-65-0	N.D.		0.88	4.4	mg/kg	44.01
06089	Ethanol	64-17-5	5.8	J	4.4	22.	mg/kg	44.01
06293	Acetone	67-64-1	N.D.		0.31	0.88	mg/kg	44.01
06294	Carbon Disulfide	75-15-0	N.D.		0.044	0.22	mg/kg	44.01
06296	2-Butanone	78-93-3	N.D.		0.18	0.44	mg/kg	44.01
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.044	0.22	mg/kg	44.01
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.044	0.22	mg/kg	44.01
06299	4-Methyl-2-pentanone	108-10-1	N.D.		0.13	0.44	mg/kg	44.01
06300	2-Hexanone	591-78-6	N.D.		0.13	0.44	mg/kg	44.01
07585	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		0.088	0.44	mg/kg	44.01
08199	Freon 113	76-13-1	N.D.		0.088	0.44	mg/kg	44.01
05441	EPA SW846/8260 (soil)							
05443	Dichlorodifluoromethane	75-71-8	N.D.		0.088	0.22	mg/kg	44.01
05444	Chloromethane	74-87-3	N.D.		0.088	0.22	mg/kg	44.01
05445	Vinyl Chloride	75-01-4	N.D.		0.044	0.22	mg/kg	44.01
05446	Bromomethane	74-83-9	N.D.		0.088	0.22	mg/kg	44.01
05447	Chloroethane	75-00-3	N.D.		0.088	0.22	mg/kg	44.01
05448	Trichlorofluoromethane	75-69-4	N.D.		0.088	0.22	mg/kg	44.01
05449	1,1-Dichloroethene	75-35-4	N.D.		0.044	0.22	mg/kg	44.01
05450	Methylene Chloride	75-09-2	N.D.		0.088	0.22	mg/kg	44.01
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		0.044	0.22	mg/kg	44.01
05452	1,1-Dichloroethane	75-34-3	N.D.		0.044	0.22	mg/kg	44.01
05453	2,2-Dichloropropane	594-20-7	N.D.		0.044	0.22	mg/kg	44.01
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		0.044	0.22	mg/kg	44.01
05455	Chloroform	67-66-3	N.D.		0.044	0.22	mg/kg	44.01
05456	Bromochloromethane	74-97-5	N.D.		0.044	0.22	mg/kg	44.01
05457	1,1,1-Trichloroethane	71-55-6	N.D.		0.044	0.22	mg/kg	44.01
05458	Carbon Tetrachloride	56-23-5	N.D.		0.044	0.22	mg/kg	44.01
05459	1,1-Dichloropropene	563-58-6	N.D.		0.044	0.22	mg/kg	44.01
05460	Benzene	71-43-2	N.D.		0.022	0.22	mg/kg	44.01
05461	1,2-Dichloroethane	107-06-2	N.D.		0.044	0.22	mg/kg	44.01
05462	Trichloroethene	79-01-6	N.D.		0.044	0.22	mg/kg	44.01
05463	1,2-Dichloropropane	78-87-5	N.D.		0.044	0.22	mg/kg	44.01
05464	Dibromomethane	74-95-3	N.D.		0.044	0.22	mg/kg	44.01

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190643

1001152-SB7-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:48 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK7-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05465	Bromodichloromethane	75-27-4	N.D.	0.044	0.22	mg/kg	44.01
05466	Toluene	108-88-3	N.D.	0.044	0.22	mg/kg	44.01
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.044	0.22	mg/kg	44.01
05468	Tetrachloroethene	127-18-4	N.D.	0.044	0.22	mg/kg	44.01
05469	1,3-Dichloropropane	142-28-9	N.D.	0.044	0.22	mg/kg	44.01
05470	Dibromochloromethane	124-48-1	N.D.	0.044	0.22	mg/kg	44.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.044	0.22	mg/kg	44.01
05472	Chlorobenzene	108-90-7	N.D.	0.044	0.22	mg/kg	44.01
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.044	0.22	mg/kg	44.01
05474	Ethylbenzene	100-41-4	0.66	0.044	0.22	mg/kg	44.01
05475	m+p-Xylene	1330-20-7	5.9	0.044	0.22	mg/kg	44.01
05476	o-Xylene	95-47-6	1.7	0.044	0.22	mg/kg	44.01
05477	Styrene	100-42-5	N.D.	0.044	0.22	mg/kg	44.01
05478	Bromoform	75-25-2	N.D.	0.044	0.22	mg/kg	44.01
05479	Isopropylbenzene	98-82-8	1.5	0.044	0.22	mg/kg	44.01
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.044	0.22	mg/kg	44.01
05481	Bromobenzene	108-86-1	N.D.	0.044	0.22	mg/kg	44.01
05482	1,2,3-Trichloropropane	96-18-4	N.D.	0.044	0.22	mg/kg	44.01
05483	n-Propylbenzene	103-65-1	2.1	0.044	0.22	mg/kg	44.01
05484	2-Chlorotoluene	95-49-8	N.D.	0.044	0.22	mg/kg	44.01
05485	1,3,5-Trimethylbenzene	108-67-8	4.3	0.044	0.22	mg/kg	44.01
05486	4-Chlorotoluene	106-43-4	N.D.	0.044	0.22	mg/kg	44.01
05487	tert-Butylbenzene	98-06-6	N.D.	0.044	0.22	mg/kg	44.01
05488	1,2,4-Trimethylbenzene	95-63-6	11.	0.044	0.22	mg/kg	44.01
05489	sec-Butylbenzene	135-98-8	1.2	0.044	0.22	mg/kg	44.01
05490	p-Isopropyltoluene	99-87-6	1.8	0.044	0.22	mg/kg	44.01
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.044	0.22	mg/kg	44.01
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.044	0.22	mg/kg	44.01
05493	n-Butylbenzene	104-51-8	1.7	0.044	0.22	mg/kg	44.01
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.044	0.22	mg/kg	44.01
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.088	0.22	mg/kg	44.01
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.044	0.22	mg/kg	44.01
05497	Hexachlorobutadiene	87-68-3	N.D.	0.088	0.22	mg/kg	44.01
05498	Naphthalene	91-20-3	1.8	0.044	0.22	mg/kg	44.01
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.044	0.22	mg/kg	44.01

Ethanol was detected in the method blank at an estimated concentration of 7.5 mg/kg. The blank value was not subtracted from the analytical result. Ethanol is a contaminant in the methanol used to perform the high level extraction.

State of Washington Lab Certification No. C259

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5190643

1001152-SB7-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:48 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK7-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06135	Lead	SW-846 6020	1	11/05/2007 19:41	David K Beck	10
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 19:10	Linda C Pape	1000
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/09/2007 09:39	Heather E Williams	1
02858	Selected SVOA's in soil by SIM	SW-846 8270C SIM	1	10/23/2007 21:42	William T Parker	1
02858	Selected SVOA's in soil by SIM	SW-846 8270C SIM	1	10/31/2007 06:20	William T Parker	20
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/25/2007 09:59	Stephanie A Selis	44.01
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 09:59	Stephanie A Selis	44.01
00381	BNA Soil Extraction	SW-846 3550B	1	10/22/2007 16:50	Adrienne E Fellenbaum	1
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 15:53	Robin L Rochow	n.a.
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/17/2007 08:48	Client Supplied	1
06150	ICP/MS SW-846 Solid digest	SW-846 3050B	1	11/01/2007 20:20	Annamaria Stipkovits	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 22:50	Karen L Beyer	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	1	10/17/2007 08:48	Client Supplied	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	2	10/17/2007 08:48	Client Supplied	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5190644

1001152-SB9-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:29 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06135	Lead	7439-92-1	8.37	0.146	0.971	mg/kg	10
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	1,200.	200.	1,000.	mg/kg	5000
02858	Selected SVOA's in soil by SIM						
02863	Naphthalene	91-20-3	0.33	0.0013	0.0033	mg/kg	1
02867	Acenaphthylene	208-96-8	N.D.	0.00067	0.0033	mg/kg	1
02868	Acenaphthene	83-32-9	0.0021 J	0.0013	0.0033	mg/kg	1
02870	Fluorene	86-73-7	0.0062	0.0013	0.0033	mg/kg	1
02871	Phenanthrene	85-01-8	0.0043	0.0013	0.0033	mg/kg	1
02872	Anthracene	120-12-7	0.00081 J	0.00067	0.0033	mg/kg	1
02874	Fluoranthene	206-44-0	N.D.	0.0013	0.0033	mg/kg	1
02875	Pyrene	129-00-0	N.D.	0.0013	0.0033	mg/kg	1
02876	Benzo(a)anthracene	56-55-3	N.D.	0.0013	0.0033	mg/kg	1
02877	Chrysene	218-01-9	N.D.	0.00067	0.0033	mg/kg	1
02878	Benzo(b)fluoranthene	205-99-2	N.D.	0.0013	0.0033	mg/kg	1
02879	Benzo(k)fluoranthene	207-08-9	N.D.	0.0013	0.0033	mg/kg	1
02880	Benzo(a)pyrene	50-32-8	N.D.	0.0013	0.0033	mg/kg	1
02881	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0013	0.0033	mg/kg	1
02882	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0013	0.0033	mg/kg	1
02883	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0013	0.0033	mg/kg	1

Surrogate recoveries are outside of QC limits for the initial GC/MS semivolatile analysis. The analysis was repeated outside of the required hold time and the surrogate recoveries are within the limits. The data reported is from the initial extraction of the sample.

Due to sample matrix interferences observed during the extraction, the normal reporting limits were not attained.

03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.025	0.25	mg/kg	49.21
02017	di-Isopropyl ether	108-20-3	N.D.	0.049	0.25	mg/kg	49.21
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.049	0.25	mg/kg	49.21
02019	t-Amyl methyl ether	994-05-8	N.D.	0.049	0.25	mg/kg	49.21
02020	t-Butyl alcohol	75-65-0	N.D.	0.98	4.9	mg/kg	49.21

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190644

1001152-SB9-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:29 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06089	Ethanol	64-17-5	6.7 J	4.9	25.	mg/kg	49.21
06293	Acetone	67-64-1	N.D.	0.34	0.98	mg/kg	49.21
06294	Carbon Disulfide	75-15-0	N.D.	0.049	0.25	mg/kg	49.21
06296	2-Butanone	78-93-3	N.D.	0.20	0.49	mg/kg	49.21
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.049	0.25	mg/kg	49.21
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.049	0.25	mg/kg	49.21
06299	4-Methyl-2-pentanone	108-10-1	N.D.	0.15	0.49	mg/kg	49.21
06300	2-Hexanone	591-78-6	N.D.	0.15	0.49	mg/kg	49.21
07585	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	0.098	0.49	mg/kg	49.21
08199	Freon 113	76-13-1	N.D.	0.098	0.49	mg/kg	49.21
05441	EPA SW846/8260 (soil)						
05443	Dichlorodifluoromethane	75-71-8	N.D.	0.098	0.25	mg/kg	49.21
05444	Chloromethane	74-87-3	N.D.	0.098	0.25	mg/kg	49.21
05445	Vinyl Chloride	75-01-4	N.D.	0.049	0.25	mg/kg	49.21
05446	Bromomethane	74-83-9	N.D.	0.098	0.25	mg/kg	49.21
05447	Chloroethane	75-00-3	N.D.	0.098	0.25	mg/kg	49.21
05448	Trichlorofluoromethane	75-69-4	N.D.	0.098	0.25	mg/kg	49.21
05449	1,1-Dichloroethene	75-35-4	N.D.	0.049	0.25	mg/kg	49.21
05450	Methylene Chloride	75-09-2	N.D.	0.098	0.25	mg/kg	49.21
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.049	0.25	mg/kg	49.21
05452	1,1-Dichloroethane	75-34-3	N.D.	0.049	0.25	mg/kg	49.21
05453	2,2-Dichloropropane	594-20-7	N.D.	0.049	0.25	mg/kg	49.21
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.049	0.25	mg/kg	49.21
05455	Chloroform	67-66-3	N.D.	0.049	0.25	mg/kg	49.21
05456	Bromochloromethane	74-97-5	N.D.	0.049	0.25	mg/kg	49.21
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.049	0.25	mg/kg	49.21
05458	Carbon Tetrachloride	56-23-5	N.D.	0.049	0.25	mg/kg	49.21
05459	1,1-Dichloropropene	563-58-6	N.D.	0.049	0.25	mg/kg	49.21
05460	Benzene	71-43-2	0.038 J	0.025	0.25	mg/kg	49.21
05461	1,2-Dichloroethane	107-06-2	N.D.	0.049	0.25	mg/kg	49.21
05462	Trichloroethene	79-01-6	N.D.	0.049	0.25	mg/kg	49.21
05463	1,2-Dichloropropane	78-87-5	N.D.	0.049	0.25	mg/kg	49.21
05464	Dibromomethane	74-95-3	N.D.	0.049	0.25	mg/kg	49.21
05465	Bromodichloromethane	75-27-4	N.D.	0.049	0.25	mg/kg	49.21
05466	Toluene	108-88-3	N.D.	0.049	0.25	mg/kg	49.21
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.049	0.25	mg/kg	49.21
05468	Tetrachloroethene	127-18-4	N.D.	0.049	0.25	mg/kg	49.21
05469	1,3-Dichloropropane	142-28-9	N.D.	0.049	0.25	mg/kg	49.21
05470	Dibromochloromethane	124-48-1	N.D.	0.049	0.25	mg/kg	49.21

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190644

1001152-SB9-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:29 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05471	1,2-Dibromoethane	106-93-4	N.D.		0.049	0.25	mg/kg	49.21
05472	Chlorobenzene	108-90-7	N.D.		0.049	0.25	mg/kg	49.21
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.049	0.25	mg/kg	49.21
05474	Ethylbenzene	100-41-4	1.7		0.049	0.25	mg/kg	49.21
05475	m+p-Xylene	1330-20-7	25.		0.049	0.25	mg/kg	49.21
05476	o-Xylene	95-47-6	6.0		0.049	0.25	mg/kg	49.21
05477	Styrene	100-42-5	N.D.		0.049	0.25	mg/kg	49.21
05478	Bromoform	75-25-2	N.D.		0.049	0.25	mg/kg	49.21
05479	Isopropylbenzene	98-82-8	4.1		0.049	0.25	mg/kg	49.21
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.049	0.25	mg/kg	49.21
05481	Bromobenzene	108-86-1	N.D.		0.049	0.25	mg/kg	49.21
05482	1,2,3-Trichloropropane	96-18-4	3.6		0.049	0.25	mg/kg	49.21
05483	n-Propylbenzene	103-65-1	5.2		0.049	0.25	mg/kg	49.21
05484	2-Chlorotoluene	95-49-8	N.D.		0.049	0.25	mg/kg	49.21
05485	1,3,5-Trimethylbenzene	108-67-8	8.0		0.049	0.25	mg/kg	49.21
05486	4-Chlorotoluene	106-43-4	N.D.		0.049	0.25	mg/kg	49.21
05487	tert-Butylbenzene	98-06-6	0.15	J	0.049	0.25	mg/kg	49.21
05488	1,2,4-Trimethylbenzene	95-63-6	26.		0.49	2.5	mg/kg	492.13
05489	sec-Butylbenzene	135-98-8	2.9		0.049	0.25	mg/kg	49.21
05490	p-Isopropyltoluene	99-87-6	3.5		0.049	0.25	mg/kg	49.21
05491	1,3-Dichlorobenzene	541-73-1	N.D.		0.049	0.25	mg/kg	49.21
05492	1,4-Dichlorobenzene	106-46-7	N.D.		0.049	0.25	mg/kg	49.21
05493	n-Butylbenzene	104-51-8	3.2		0.049	0.25	mg/kg	49.21
05494	1,2-Dichlorobenzene	95-50-1	N.D.		0.049	0.25	mg/kg	49.21
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		0.098	0.25	mg/kg	49.21
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.		0.049	0.25	mg/kg	49.21
05497	Hexachlorobutadiene	87-68-3	N.D.		0.098	0.25	mg/kg	49.21
05498	Naphthalene	91-20-3	5.6		0.049	0.25	mg/kg	49.21
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.		0.049	0.25	mg/kg	49.21

Ethanol was detected in the method blank at an estimated concentration of 8.0 mg/kg. The blank value was not subtracted from the analytical result. Ethanol is a contaminant in the methanol used to perform the high level extraction.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190644

1001152-SB9-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:29 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-6

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06135	Lead	SW-846 6020	1	11/05/2007 19:44	David K Beck	10
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 08:50	Linda C Pape	5000
02858	Selected SVOA's in soil by SIM	SW-846 8270C SIM	1	10/31/2007 06:47	William T Parker	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/26/2007 07:41	Susan McMahon-Luu	49.21
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 10:44	Stephanie A Selis	492.13
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/26/2007 07:41	Susan McMahon-Luu	49.21
00381	BNA Soil Extraction	SW-846 3550B	1	10/22/2007 16:50	Adrienne E Fellenbaum	1
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 15:56	Lois E Hiltz	n.a.
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/17/2007 08:29	Client Supplied	1
06150	ICP/MS SW-846 Solid digest	SW-846 3050B	1	11/01/2007 20:20	Annamaria Stipkovits	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	1	10/17/2007 08:29	Client Supplied	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	2	10/17/2007 08:29	Client Supplied	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190645

1001152-SB9-3-4-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:23 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils							
01659	TPH by NWTPH-Gx soils	n.a.	1,400.		200.	1,000.	mg/kg	5000
02214	TPH by NWTPH-Dx(soils) w/SiGel							
02097	Diesel Range Organics	n.a.	3.2	J	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.		10.	30.	mg/kg	1
03983	EPA SW 846/8260 - Soil							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.021	0.21	mg/kg	42.66
02017	di-Isopropyl ether	108-20-3	N.D.		0.043	0.21	mg/kg	42.66
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.043	0.21	mg/kg	42.66
02019	t-Amyl methyl ether	994-05-8	N.D.		0.043	0.21	mg/kg	42.66
02020	t-Butyl alcohol	75-65-0	N.D.		0.85	4.3	mg/kg	42.66
06089	Ethanol	64-17-5	5.6	J	4.3	21.	mg/kg	42.66
06293	Acetone	67-64-1	N.D.		0.30	0.85	mg/kg	42.66
06294	Carbon Disulfide	75-15-0	N.D.		0.043	0.21	mg/kg	42.66
06296	2-Butanone	78-93-3	N.D.		0.17	0.43	mg/kg	42.66
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.043	0.21	mg/kg	42.66
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.043	0.21	mg/kg	42.66
06299	4-Methyl-2-pentanone	108-10-1	N.D.		0.13	0.43	mg/kg	42.66
06300	2-Hexanone	591-78-6	N.D.		0.13	0.43	mg/kg	42.66
07585	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		0.085	0.43	mg/kg	42.66
08199	Freon 113	76-13-1	N.D.		0.085	0.43	mg/kg	42.66
05441	EPA SW846/8260 (soil)							
05443	Dichlorodifluoromethane	75-71-8	N.D.		0.085	0.21	mg/kg	42.66
05444	Chloromethane	74-87-3	N.D.		0.085	0.21	mg/kg	42.66
05445	Vinyl Chloride	75-01-4	N.D.		0.043	0.21	mg/kg	42.66
05446	Bromomethane	74-83-9	N.D.		0.085	0.21	mg/kg	42.66
05447	Chloroethane	75-00-3	N.D.		0.085	0.21	mg/kg	42.66
05448	Trichlorofluoromethane	75-69-4	N.D.		0.085	0.21	mg/kg	42.66
05449	1,1-Dichloroethene	75-35-4	N.D.		0.043	0.21	mg/kg	42.66
05450	Methylene Chloride	75-09-2	N.D.		0.085	0.21	mg/kg	42.66
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		0.043	0.21	mg/kg	42.66

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190645

1001152-SB9-3-4-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:23 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05452	1,1-Dichloroethane	75-34-3	N.D.		0.043	0.21	mg/kg	42.66
05453	2,2-Dichloropropane	594-20-7	N.D.		0.043	0.21	mg/kg	42.66
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		0.043	0.21	mg/kg	42.66
05455	Chloroform	67-66-3	N.D.		0.043	0.21	mg/kg	42.66
05456	Bromochloromethane	74-97-5	N.D.		0.043	0.21	mg/kg	42.66
05457	1,1,1-Trichloroethane	71-55-6	N.D.		0.043	0.21	mg/kg	42.66
05458	Carbon Tetrachloride	56-23-5	N.D.		0.043	0.21	mg/kg	42.66
05459	1,1-Dichloropropene	563-58-6	N.D.		0.043	0.21	mg/kg	42.66
05460	Benzene	71-43-2	N.D.		0.021	0.21	mg/kg	42.66
05461	1,2-Dichloroethane	107-06-2	N.D.		0.043	0.21	mg/kg	42.66
05462	Trichloroethene	79-01-6	N.D.		0.043	0.21	mg/kg	42.66
05463	1,2-Dichloropropane	78-87-5	N.D.		0.043	0.21	mg/kg	42.66
05464	Dibromomethane	74-95-3	N.D.		0.043	0.21	mg/kg	42.66
05465	Bromodichloromethane	75-27-4	N.D.		0.043	0.21	mg/kg	42.66
05466	Toluene	108-88-3	N.D.		0.043	0.21	mg/kg	42.66
05467	1,1,2-Trichloroethane	79-00-5	N.D.		0.043	0.21	mg/kg	42.66
05468	Tetrachloroethene	127-18-4	N.D.		0.043	0.21	mg/kg	42.66
05469	1,3-Dichloropropane	142-28-9	N.D.		0.043	0.21	mg/kg	42.66
05470	Dibromochloromethane	124-48-1	N.D.		0.043	0.21	mg/kg	42.66
05471	1,2-Dibromoethane	106-93-4	N.D.		0.043	0.21	mg/kg	42.66
05472	Chlorobenzene	108-90-7	N.D.		0.043	0.21	mg/kg	42.66
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.043	0.21	mg/kg	42.66
05474	Ethylbenzene	100-41-4	0.21	J	0.043	0.21	mg/kg	42.66
05475	m+p-Xylene	1330-20-7	1.9		0.043	0.21	mg/kg	42.66
05476	o-Xylene	95-47-6	0.72		0.043	0.21	mg/kg	42.66
05477	Styrene	100-42-5	N.D.		0.043	0.21	mg/kg	42.66
05478	Bromoform	75-25-2	N.D.		0.043	0.21	mg/kg	42.66
05479	Isopropylbenzene	98-82-8	1.4		0.043	0.21	mg/kg	42.66
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.043	0.21	mg/kg	42.66
05481	Bromobenzene	108-86-1	N.D.		0.043	0.21	mg/kg	42.66
05482	1,2,3-Trichloropropane	96-18-4	N.D.		0.043	0.21	mg/kg	42.66
05483	n-Propylbenzene	103-65-1	1.9		0.043	0.21	mg/kg	42.66
05484	2-Chlorotoluene	95-49-8	N.D.		0.043	0.21	mg/kg	42.66
05485	1,3,5-Trimethylbenzene	108-67-8	3.5		0.043	0.21	mg/kg	42.66
05486	4-Chlorotoluene	106-43-4	N.D.		0.043	0.21	mg/kg	42.66
05487	tert-Butylbenzene	98-06-6	N.D.		0.043	0.21	mg/kg	42.66
05488	1,2,4-Trimethylbenzene	95-63-6	8.3		0.043	0.21	mg/kg	42.66
05489	sec-Butylbenzene	135-98-8	1.7		0.043	0.21	mg/kg	42.66
05490	p-Isopropyltoluene	99-87-6	2.2		0.043	0.21	mg/kg	42.66
05491	1,3-Dichlorobenzene	541-73-1	N.D.		0.043	0.21	mg/kg	42.66
05492	1,4-Dichlorobenzene	106-46-7	N.D.		0.043	0.21	mg/kg	42.66

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190645

1001152-SB9-3-4-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 08:23 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK9-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05493	n-Butylbenzene	104-51-8	1.5	0.043	0.21	mg/kg	42.66
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.043	0.21	mg/kg	42.66
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.085	0.21	mg/kg	42.66
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.043	0.21	mg/kg	42.66
05497	Hexachlorobutadiene	87-68-3	N.D.	0.085	0.21	mg/kg	42.66
05498	Naphthalene	91-20-3	2.5	0.043	0.21	mg/kg	42.66
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.043	0.21	mg/kg	42.66

Ethanol was detected in the method blank at an estimated concentration of 7.5 mg/kg. The blank value was not subtracted from the analytical result. Ethanol is a contaminant in the methanol used to perform the high level extraction.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 09:30	Linda C Pape	5000
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/09/2007 09:58	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/25/2007 11:07	Stephanie A Selis	42.66
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 11:07	Stephanie A Selis	42.66
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 15:59	Lois E Hiltz	n.a.
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	1	10/17/2007 08:23	Client Supplied	1
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	2	10/17/2007 08:23	Client Supplied	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 22:50	Karen L Beyer	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190647

1001152-SB5-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 09:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK5-6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils							
01659	TPH by NWTPH-Gx soils	n.a.	210.		20.	100.	mg/kg	500
02214	TPH by NWTPH-Dx(soils) w/SiGel							
02097	Diesel Range Organics	n.a.	43.		3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.		10.	30.	mg/kg	1
03983	EPA SW 846/8260 - Soil							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.026	0.26	mg/kg	52.97
02017	di-Isopropyl ether	108-20-3	N.D.		0.053	0.26	mg/kg	52.97
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.053	0.26	mg/kg	52.97
02019	t-Amyl methyl ether	994-05-8	N.D.		0.053	0.26	mg/kg	52.97
02020	t-Butyl alcohol	75-65-0	N.D.		1.1	5.3	mg/kg	52.97
06089	Ethanol	64-17-5	6.4	J	5.3	26.	mg/kg	52.97
06293	Acetone	67-64-1	N.D.		0.37	1.1	mg/kg	52.97
06294	Carbon Disulfide	75-15-0	N.D.		0.053	0.26	mg/kg	52.97
06296	2-Butanone	78-93-3	N.D.		0.21	0.53	mg/kg	52.97
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.053	0.26	mg/kg	52.97
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.053	0.26	mg/kg	52.97
06299	4-Methyl-2-pentanone	108-10-1	N.D.		0.16	0.53	mg/kg	52.97
06300	2-Hexanone	591-78-6	N.D.		0.16	0.53	mg/kg	52.97
07585	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		0.11	0.53	mg/kg	52.97
08199	Freon 113	76-13-1	N.D.		0.11	0.53	mg/kg	52.97
05441	EPA SW846/8260 (soil)							
05443	Dichlorodifluoromethane	75-71-8	N.D.		0.11	0.26	mg/kg	52.97
05444	Chloromethane	74-87-3	N.D.		0.11	0.26	mg/kg	52.97
05445	Vinyl Chloride	75-01-4	N.D.		0.053	0.26	mg/kg	52.97
05446	Bromomethane	74-83-9	N.D.		0.11	0.26	mg/kg	52.97
05447	Chloroethane	75-00-3	N.D.		0.11	0.26	mg/kg	52.97
05448	Trichlorofluoromethane	75-69-4	N.D.		0.11	0.26	mg/kg	52.97
05449	1,1-Dichloroethene	75-35-4	N.D.		0.053	0.26	mg/kg	52.97
05450	Methylene Chloride	75-09-2	N.D.		0.11	0.26	mg/kg	52.97
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		0.053	0.26	mg/kg	52.97

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190647

1001152-SB5-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 09:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK5-6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05452	1,1-Dichloroethane	75-34-3	N.D.		0.053	0.26	mg/kg	52.97
05453	2,2-Dichloropropane	594-20-7	N.D.		0.053	0.26	mg/kg	52.97
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		0.053	0.26	mg/kg	52.97
05455	Chloroform	67-66-3	N.D.		0.053	0.26	mg/kg	52.97
05456	Bromochloromethane	74-97-5	N.D.		0.053	0.26	mg/kg	52.97
05457	1,1,1-Trichloroethane	71-55-6	N.D.		0.053	0.26	mg/kg	52.97
05458	Carbon Tetrachloride	56-23-5	N.D.		0.053	0.26	mg/kg	52.97
05459	1,1-Dichloropropene	563-58-6	N.D.		0.053	0.26	mg/kg	52.97
05460	Benzene	71-43-2	N.D.		0.026	0.26	mg/kg	52.97
05461	1,2-Dichloroethane	107-06-2	N.D.		0.053	0.26	mg/kg	52.97
05462	Trichloroethene	79-01-6	N.D.		0.053	0.26	mg/kg	52.97
05463	1,2-Dichloropropane	78-87-5	N.D.		0.053	0.26	mg/kg	52.97
05464	Dibromomethane	74-95-3	N.D.		0.053	0.26	mg/kg	52.97
05465	Bromodichloromethane	75-27-4	N.D.		0.053	0.26	mg/kg	52.97
05466	Toluene	108-88-3	N.D.		0.053	0.26	mg/kg	52.97
05467	1,1,2-Trichloroethane	79-00-5	N.D.		0.053	0.26	mg/kg	52.97
05468	Tetrachloroethene	127-18-4	N.D.		0.053	0.26	mg/kg	52.97
05469	1,3-Dichloropropane	142-28-9	N.D.		0.053	0.26	mg/kg	52.97
05470	Dibromochloromethane	124-48-1	N.D.		0.053	0.26	mg/kg	52.97
05471	1,2-Dibromoethane	106-93-4	N.D.		0.053	0.26	mg/kg	52.97
05472	Chlorobenzene	108-90-7	N.D.		0.053	0.26	mg/kg	52.97
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.053	0.26	mg/kg	52.97
05474	Ethylbenzene	100-41-4	0.086	J	0.053	0.26	mg/kg	52.97
05475	m+p-Xylene	1330-20-7	0.46		0.053	0.26	mg/kg	52.97
05476	o-Xylene	95-47-6	0.057	J	0.053	0.26	mg/kg	52.97
05477	Styrene	100-42-5	N.D.		0.053	0.26	mg/kg	52.97
05478	Bromoform	75-25-2	N.D.		0.053	0.26	mg/kg	52.97
05479	Isopropylbenzene	98-82-8	0.21	J	0.053	0.26	mg/kg	52.97
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.053	0.26	mg/kg	52.97
05481	Bromobenzene	108-86-1	N.D.		0.053	0.26	mg/kg	52.97
05482	1,2,3-Trichloropropane	96-18-4	N.D.		0.053	0.26	mg/kg	52.97
05483	n-Propylbenzene	103-65-1	0.44		0.053	0.26	mg/kg	52.97
05484	2-Chlorotoluene	95-49-8	N.D.		0.053	0.26	mg/kg	52.97
05485	1,3,5-Trimethylbenzene	108-67-8	0.94		0.053	0.26	mg/kg	52.97
05486	4-Chlorotoluene	106-43-4	N.D.		0.053	0.26	mg/kg	52.97
05487	tert-Butylbenzene	98-06-6	N.D.		0.053	0.26	mg/kg	52.97
05488	1,2,4-Trimethylbenzene	95-63-6	2.4		0.053	0.26	mg/kg	52.97
05489	sec-Butylbenzene	135-98-8	0.26	J	0.053	0.26	mg/kg	52.97
05490	p-Isopropyltoluene	99-87-6	0.36		0.053	0.26	mg/kg	52.97
05491	1,3-Dichlorobenzene	541-73-1	N.D.		0.053	0.26	mg/kg	52.97
05492	1,4-Dichlorobenzene	106-46-7	N.D.		0.053	0.26	mg/kg	52.97

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190647

1001152-SB5-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 09:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK5-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05493	n-Butylbenzene	104-51-8	0.33	0.053	0.26	mg/kg	52.97
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.053	0.26	mg/kg	52.97
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.11	0.26	mg/kg	52.97
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.053	0.26	mg/kg	52.97
05497	Hexachlorobutadiene	87-68-3	N.D.	0.11	0.26	mg/kg	52.97
05498	Naphthalene	91-20-3	1.3	0.053	0.26	mg/kg	52.97
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.053	0.26	mg/kg	52.97

Ethanol was detected in the method blank at an estimated concentration of 7.5 mg/kg. The blank value was not subtracted from the analytical result. Ethanol is a contaminant in the methanol used to perform the high level extraction.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 19:50	Linda C Pape	500
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/09/2007 10:57	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/25/2007 12:15	Stephanie A Selis	52.97
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/25/2007 12:15	Stephanie A Selis	52.97
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:03	Robin L Rochow	n.a.
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	1	10/17/2007 09:21	Client Supplied	1
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	2	10/17/2007 09:21	Client Supplied	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/23/2007 11:00	Olivia Arosemena	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190648

1001152-SB10-6-6.5-101707 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 15:53 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK106

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	1,100.	80.	400.	mg/kg	2000
	The analysis was requested with insufficient time remaining in the hold time. The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	93.	36.	84.	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	120.	360.	mg/kg	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 23:16	Linda C Pape	2000
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/07/2007 14:28	Heather E Williams	1
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:06	Robin L Rochow	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 09:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190650

1001152-SB8-6-7-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 16:34 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK8-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02006	TPH by NWTPH-Gx soils						
02007	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time.						
	The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
05878	BTEX						
02174	Benzene	71-43-2	N.D.	0.005	0.02	mg/kg	25
02177	Toluene	108-88-3	N.D.	0.005	0.02	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.005	0.02	mg/kg	25
02182	Total Xylenes	1330-20-7	N.D.	0.02	0.05	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time.						
	The sample was analyzed 1 day outside the method hold time.						

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02006	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 02:02	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/07/2007 14:48	Heather E Williams	1
05878	BTEX	SW-846 8021B	1	10/31/2007 02:02	Linda C Pape	25
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:08	Lois E Hiltz	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 09:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190650

1001152-SB8-6-7-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 16:34 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK8-6

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 5190651

1001152-TMW5-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:05 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	100. J	75.	240.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	94.	470.	ug/l	1
08357	Selected SVOAs by 8270 SIM						
08362	Naphthalene	91-20-3	1.9	0.0095	0.047	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.0095	0.047	ug/l	1
08366	Acenaphthene	83-32-9	0.020 J	0.0095	0.047	ug/l	1
08368	Fluorene	86-73-7	0.014 J	0.0095	0.047	ug/l	1
08369	Phenanthrene	85-01-8	N.D.	0.0095	0.047	ug/l	1
08370	Anthracene	120-12-7	N.D.	0.0095	0.047	ug/l	1
08372	Fluoranthene	206-44-0	N.D.	0.0095	0.047	ug/l	1
08373	Pyrene	129-00-0	N.D.	0.0095	0.047	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.0095	0.047	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.0095	0.047	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	0.047	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	0.047	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.0095	0.047	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	0.047	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	0.047	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	0.047	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 00:04	Matthew E Barton	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 03:14	William T Parker	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 5190651

1001152-TMW5-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:05 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-5

00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. WW 5190652

1001152-TMW4-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 14:35 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	N.D.	0.047	1.0	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	540.	75.	240.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	94.	470.	ug/l	1
08273	TPH by NWTPH-Gx waters						
01645	TPH by NWTPH-Gx waters	n.a.	1,100.	50.	250.	ug/l	1
08357	Selected SVOAs by 8270 SIM						
08362	Naphthalene	91-20-3	0.69	0.0095	0.047	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.030	0.047	ug/l	1
08366	Acenaphthene	83-32-9	0.11	0.0095	0.047	ug/l	1
08368	Fluorene	86-73-7	0.30	0.0095	0.047	ug/l	1
08369	Phenanthrene	85-01-8	0.032 J	0.0095	0.047	ug/l	1
08370	Anthracene	120-12-7	0.042 J	0.0095	0.047	ug/l	1
08372	Fluoranthene	206-44-0	N.D.	0.0095	0.047	ug/l	1
08373	Pyrene	129-00-0	N.D.	0.0095	0.047	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.0095	0.047	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.0095	0.047	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	0.047	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	0.047	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.0095	0.047	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	0.047	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	0.047	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	0.047	ug/l	1
	Due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.						
05382	EPA SW846/8260 (water)						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190652

1001152-TMW4-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 14:35 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-4

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.		1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	0.7	J	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.		1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.5	4.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	3.	J	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.		1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	3.	J	1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.		1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	6.		1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.		1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190652

1001152-TMW4-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 14:35 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-4

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05428	tert-Butylbenzene	98-06-6	N.D.		1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	12.		1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	6.		1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	4.	J	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	2.	J	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.		1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.		2.	5.	ug/l	1
05439	Naphthalene	91-20-3	N.D.		1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		5.	80.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.	10.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.							
08203	Freon 113	76-13-1	N.D.		2.	10.	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190652

1001152-TMW4-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 14:35 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 08:40	James R Williams II	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 00:23	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 01:38	Steven A Skiles	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 03:41	William T Parker	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 04:45	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 04:45	Holly Berry	1
00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 01:38	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 04:45	Holly Berry	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 13:10	Mirit S Shenouda	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190653

1001152-TMW-6-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:55 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08273	TPH by NWTPH-Gx waters							
01645	TPH by NWTPH-Gx waters	n.a.	100.	J	50.	250.	ug/l	1

State of Washington Lab Certification No. C259
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 02:07	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 02:07	Steven A Skiles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190654

1001152-TMW-3-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:00 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	0.064 J	0.047	1.0	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	1,600. J	750.	2,400.	ug/l	10
02096	Heavy Range Organics	n.a.	N.D.	940.	4,700.	ug/l	10
	Due to the nature of the sample extract matrix, a dilution was used for the analysis. The reporting limits were raised accordingly.						
08273	TPH by NWTPH-Gx waters						
01645	TPH by NWTPH-Gx waters	n.a.	890.	50.	250.	ug/l	1
08357	Selected SVOAs by 8270 SIM						
08362	Naphthalene	91-20-3	1.9	0.0095	0.047	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.0095	0.047	ug/l	1
08366	Acenaphthene	83-32-9	0.010 J	0.0095	0.047	ug/l	1
08368	Fluorene	86-73-7	0.012 J	0.0095	0.047	ug/l	1
08369	Phenanthrene	85-01-8	N.D.	0.0095	0.047	ug/l	1
08370	Anthracene	120-12-7	0.030 J	0.0095	0.047	ug/l	1
08372	Fluoranthene	206-44-0	N.D.	0.0095	0.047	ug/l	1
08373	Pyrene	129-00-0	N.D.	0.0095	0.047	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.0095	0.047	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.0095	0.047	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	0.047	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	0.047	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.0095	0.047	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	0.047	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	0.047	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	0.047	ug/l	1
05382	EPA SW846/8260 (water)						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190654

1001152-TMW-3-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:00 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.		1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.		1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	0.7	J	0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	2.	J	0.5	4.	ug/l	1
05417	o-Xylene	95-47-6	0.9	J	0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	7.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.		1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	9.		1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.		1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	15.		1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.		1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	1.	J	1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	49.		1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190654

1001152-TMW-3-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:00 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05430	sec-Butylbenzene	135-98-8	5. J	1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	5.	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	1. J	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	5.	ug/l	1
05439	Naphthalene	91-20-3	3. J	1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	80.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	10.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190654

1001152-TMW-3-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:00 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 22:25	David K Beck	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 10:42	Matthew E Barton	10
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 02:36	Steven A Skiles	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 04:07	William T Parker	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 05:09	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 05:09	Holly Berry	1
00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 02:36	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 05:09	Holly Berry	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 19:25	James L Mertz	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190655

1001152-TMW-1-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	0.12 J	0.047	1.0	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	N.D.	440.	1,400.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	560.	2,800.	ug/l	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.						
08273	TPH by NWTPH-Gx waters						
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	50.	250.	ug/l	1
05382	EPA SW846/8260 (water)						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190655

1001152-TMW-1-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05407	Toluene	108-88-3	N.D.	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	4.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	5.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190655

1001152-TMW-1-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	80.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	10.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 22:27	David K Beck	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 01:02	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 03:06	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 03:34	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 03:34	Holly Berry	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 03:06	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 03:34	Holly Berry	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 19:25	James L Mertz	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190655

1001152-TMW-1-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190656

1001152-TMW5-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:05 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKMW5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08273	TPH by NWTPH-Gx waters						
01645	TPH by NWTPH-Gx waters	n.a.	610.	50.	250.	ug/l	1
05382	EPA SW846/8260 (water)						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	6.	0.5	4.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190656

1001152-TMW5-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:05 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKMW5

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05417	o-Xylene	95-47-6	1.	J	0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	10.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.		1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	7.		1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.		1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	5.	J	1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.		1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.		1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	39.		1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	5.	J	1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	2.	J	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.		1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.		1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.		2.	5.	ug/l	1
05439	Naphthalene	91-20-3	1.	J	1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		5.	80.	ug/l	1
06302	Acetone	67-64-1	17.	J	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	5.	ug/l	1
06305	2-Butanone	78-93-3	4.	J	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190656

1001152-TMW5-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 15:05 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKMW5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 03:35	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 05:32	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 05:32	Holly Berry	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 03:35	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 05:32	Holly Berry	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190658

1001152-SB-3-5.10-6.4-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 15:18 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK3-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time.						
	The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 11:33	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/07/2007 15:07	Heather E Williams	1
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:12	Lois E Hiltz	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 09:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190659

1001152-SB-14-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 12:12 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK146

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time.						
	The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 12:13	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/07/2007 15:27	Heather E Williams	1
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:14	Lois E Hiltz	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 09:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190661

1001152-TMW-7-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:25 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	0.055 J	0.047	1.0	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	N.D.	75.	230.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	94.	470.	ug/l	1
08273	TPH by NWTPH-Gx waters						
01645	TPH by NWTPH-Gx waters	n.a.	N.D.	50.	250.	ug/l	1
08357	Selected SVOAs by 8270 SIM						
08362	Naphthalene	91-20-3	0.012 J	0.0095	0.048	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.0095	0.048	ug/l	1
08366	Acenaphthene	83-32-9	N.D.	0.0095	0.048	ug/l	1
08368	Fluorene	86-73-7	N.D.	0.0095	0.048	ug/l	1
08369	Phenanthrene	85-01-8	0.016 J	0.0095	0.048	ug/l	1
08370	Anthracene	120-12-7	N.D.	0.0095	0.048	ug/l	1
08372	Fluoranthene	206-44-0	0.014 J	0.0095	0.048	ug/l	1
08373	Pyrene	129-00-0	0.021 J	0.0095	0.048	ug/l	1
08374	Benzo(a)anthracene	56-55-3	0.011 J	0.0095	0.048	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.0095	0.048	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	0.048	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	0.048	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.0095	0.048	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	0.048	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	0.048	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	0.048	ug/l	1
05382	EPA SW846/8260 (water)						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190661

1001152-TMW-7-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:25 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	4.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190661

1001152-TMW-7-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:25 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	5.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	80.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	10.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190661

1001152-TMW-7-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:25 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM7

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 22:30	David K Beck	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 01:41	Matthew E Barton	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 04:05	Steven A Skiles	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 04:34	William T Parker	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 05:56	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 05:56	Holly Berry	1
00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 04:05	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 05:56	Holly Berry	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 19:25	James L Mertz	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190662

1001152-TMW-6-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:55 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	0.079 J	0.047	1.0	ug/l	1
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	140. J	75.	230.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	94.	470.	ug/l	1
08357	Selected SVOAs by 8270 SIM						
08362	Naphthalene	91-20-3	0.12	0.0095	0.047	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.0095	0.047	ug/l	1
08366	Acenaphthene	83-32-9	N.D.	0.0095	0.047	ug/l	1
08368	Fluorene	86-73-7	0.010 J	0.0095	0.047	ug/l	1
08369	Phenanthrene	85-01-8	N.D.	0.0095	0.047	ug/l	1
08370	Anthracene	120-12-7	N.D.	0.0095	0.047	ug/l	1
08372	Fluoranthene	206-44-0	N.D.	0.0095	0.047	ug/l	1
08373	Pyrene	129-00-0	N.D.	0.0095	0.047	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.0095	0.047	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.0095	0.047	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	0.047	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	0.047	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.0095	0.047	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	0.047	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	0.047	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	0.047	ug/l	1
05382	EPA SW846/8260 (water)						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190662

1001152-TMW-6-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:55 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
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Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	4.	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	4.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190662

1001152-TMW-6-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:55 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	5.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	80.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	5.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	10.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190662

1001152-TMW-6-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 13:55 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM6

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 22:32	David K Beck	1
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 02:01	Matthew E Barton	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 05:00	William T Parker	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 06:19	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 06:19	Holly Berry	1
00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 06:19	Holly Berry	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 19:25	James L Mertz	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5190663

1001152-TMW-2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKMW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08357	Selected SVOAs by 8270 SIM						
08362	Naphthalene	91-20-3	0.54	0.0095	0.047	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.	0.060	0.060	ug/l	1
08366	Acenaphthene	83-32-9	0.15	0.0095	0.047	ug/l	1
08368	Fluorene	86-73-7	0.60	0.0095	0.047	ug/l	1
08369	Phenanthrene	85-01-8	0.14	0.0095	0.047	ug/l	1
08370	Anthracene	120-12-7	0.020 J	0.0095	0.047	ug/l	1
08372	Fluoranthene	206-44-0	N.D.	0.0095	0.047	ug/l	1
08373	Pyrene	129-00-0	0.011 J	0.0095	0.047	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.	0.0095	0.047	ug/l	1
08375	Chrysene	218-01-9	N.D.	0.0095	0.047	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	0.047	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	0.047	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.	0.0095	0.047	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	0.047	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	0.047	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	0.047	ug/l	1

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

Due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 05:27	William T Parker	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190663

1001152-TMW-2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKMW2

00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190664

1001152-TMW2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKM-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel						
02095	Diesel Range Organics	n.a.	940.	75.	240.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	94.	470.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 02:20	Matthew E Barton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190665

1001152-TMW-8-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 17:10 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM8

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel							
02095	Diesel Range Organics	n.a.	2,400.		76.	240.	ug/l	1
02096	Heavy Range Organics	n.a.	260.	J	95.	470.	ug/l	1
08357	Selected SVOAs by 8270 SIM							
08362	Naphthalene	91-20-3	0.41		0.0095	0.047	ug/l	1
08365	Acenaphthylene	208-96-8	N.D.		0.0095	0.047	ug/l	1
08366	Acenaphthene	83-32-9	0.038	J	0.0095	0.047	ug/l	1
08368	Fluorene	86-73-7	0.11		0.0095	0.047	ug/l	1
08369	Phenanthrene	85-01-8	N.D.		0.0095	0.047	ug/l	1
08370	Anthracene	120-12-7	0.038	J	0.0095	0.047	ug/l	1
08372	Fluoranthene	206-44-0	N.D.		0.0095	0.047	ug/l	1
08373	Pyrene	129-00-0	0.011	J	0.0095	0.047	ug/l	1
08374	Benzo(a)anthracene	56-55-3	N.D.		0.0095	0.047	ug/l	1
08375	Chrysene	218-01-9	N.D.		0.0095	0.047	ug/l	1
08376	Benzo(b)fluoranthene	205-99-2	N.D.		0.0095	0.047	ug/l	1
08377	Benzo(k)fluoranthene	207-08-9	N.D.		0.0095	0.047	ug/l	1
08378	Benzo(a)pyrene	50-32-8	N.D.		0.0095	0.047	ug/l	1
08379	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		0.0095	0.047	ug/l	1
08380	Dibenz(a,h)anthracene	53-70-3	N.D.		0.0095	0.047	ug/l	1
08381	Benzo(g,h,i)perylene	191-24-2	N.D.		0.0095	0.047	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/24/2007 02:40	Matthew E Barton	1
08357	Selected SVOAs by 8270 SIM	SW-846 8270C SIM	1	10/31/2007 05:53	William T Parker	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190665

1001152-TMW-8-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 17:10 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKTM8

00813	BNA Water Extraction	SW-846 3510C	1	10/23/2007 03:30	Sherry L Morrow	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 16:50	JoElla L Rice	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190666

1001152-TMW-8-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 17:10 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-8

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06035	Lead	7439-92-1	0.26	J	0.047	1.0	ug/l	1
08273	TPH by NWTPH-Gx waters							
01645	TPH by NWTPH-Gx waters	n.a.	870.		50.	250.	ug/l	1
05382	EPA SW846/8260 (water)							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.		1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	8.		0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	13.		0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	1.	J	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.		1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	12.		0.5	4.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190666

1001152-TMW-8-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 17:10 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-8

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05416	m+p-Xylene	1330-20-7	4.	J	0.5	4.	ug/l	1
05417	o-Xylene	95-47-6	0.5	J	0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	7.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.		1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	5.		1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.		1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	12.		1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.		1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.		1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	12.		1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	3.	J	1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	3.	J	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.		1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.		1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.		2.	5.	ug/l	1
05439	Naphthalene	91-20-3	N.D.		1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	7.	J	5.	80.	ug/l	1
06302	Acetone	67-64-1	16.	J	6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	5.	ug/l	1
06305	2-Butanone	78-93-3	4.	J	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190666

1001152-TMW-8-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 17:10 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKT-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	10.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	11/06/2007 22:35	David K Beck	1
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 04:34	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/27/2007 06:43	Holly Berry	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/27/2007 06:43	Holly Berry	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 04:34	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/27/2007 06:43	Holly Berry	1
06050	ICP/MS SW-846 Water	SW-846 3010A modified	1	11/01/2007 19:25	James L Mertz	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5190667

1001152-TMW-2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKW-2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08273	TPH by NWTPH-Gx waters							
01645	TPH by NWTPH-Gx waters	n.a.	2,700.		50.	250.	ug/l	1
05382	EPA SW846/8260 (water)							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.	5.	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05394	2,2-Dichloropropane	594-20-7	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.		1.	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05400	1,1-Dichloropropene	563-58-6	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	23.		0.5	4.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	4.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	1.	J	0.5	4.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.		1.	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	4.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.	5.	ug/l	1
05415	Ethylbenzene	100-41-4	52.		0.5	4.	ug/l	1
05416	m+p-Xylene	1330-20-7	210.		0.5	4.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190667

1001152-TMW-2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKW-2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05417	o-Xylene	95-47-6	110.		0.5	4.	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05420	Isopropylbenzene	98-82-8	18.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.	5.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.		1.	5.	ug/l	1
05424	n-Propylbenzene	103-65-1	21.		1.	5.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.		1.	5.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	42.		1.	5.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.		1.	5.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.		1.	5.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	120.		1.	5.	ug/l	1
05430	sec-Butylbenzene	135-98-8	7.		1.	5.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	6.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05434	n-Butylbenzene	104-51-8	5.	J	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.		2.	5.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.		1.	5.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.		2.	5.	ug/l	1
05439	Naphthalene	91-20-3	24.		1.	5.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	4.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	4.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	4.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	4.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		5.	80.	ug/l	1
06302	Acetone	67-64-1	21.		6.	20.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	5.	ug/l	1
06305	2-Butanone	78-93-3	4.	J	3.	10.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	10.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	10.	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.	10.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5190667

1001152-TMW-2-101707 Water Sample
Facility# 1001152
Tekoa, WA

Collected:10/17/2007 16:40 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TKW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.						
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of Washington Lab Certification No. C259
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08273	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/24/2007 05:04	Steven A Skiles	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/28/2007 02:53	Stephanie A Selis	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/28/2007 02:53	Stephanie A Selis	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/24/2007 05:04	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/28/2007 02:53	Stephanie A Selis	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190668

1001152-SB-13-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 11:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK136

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06135	Lead	7439-92-1	17.5	0.147	0.980	mg/kg	10
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time.						
	The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
02858	Selected SVOA's in soil by SIM						
02863	Naphthalene	91-20-3	0.0011 J	0.00067	0.0017	mg/kg	1
02867	Acenaphthylene	208-96-8	0.0012 J	0.00033	0.0017	mg/kg	1
02868	Acenaphthene	83-32-9	N.D.	0.00067	0.0017	mg/kg	1
02870	Fluorene	86-73-7	N.D.	0.00067	0.0017	mg/kg	1
02871	Phenanthrene	85-01-8	0.0010 J	0.00067	0.0017	mg/kg	1
02872	Anthracene	120-12-7	N.D.	0.00033	0.0017	mg/kg	1
02874	Fluoranthene	206-44-0	0.00073 J	0.00067	0.0017	mg/kg	1
02875	Pyrene	129-00-0	0.00085 J	0.00067	0.0017	mg/kg	1
02876	Benzo(a)anthracene	56-55-3	N.D.	0.00067	0.0017	mg/kg	1
02877	Chrysene	218-01-9	0.00080 J	0.00033	0.0017	mg/kg	1
02878	Benzo(b)fluoranthene	205-99-2	0.00073 J	0.00067	0.0017	mg/kg	1
02879	Benzo(k)fluoranthene	207-08-9	0.0012 J	0.00067	0.0017	mg/kg	1
02880	Benzo(a)pyrene	50-32-8	N.D.	0.00067	0.0017	mg/kg	1
02881	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.00067	0.0017	mg/kg	1
02882	Dibenz(a,h)anthracene	53-70-3	N.D.	0.00067	0.0017	mg/kg	1
02883	Benzo(g,h,i)perylene	191-24-2	N.D.	0.00067	0.0017	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0004	0.004	mg/kg	0.85
02017	di-Isopropyl ether	108-20-3	N.D.	0.0008	0.004	mg/kg	0.85
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.0008	0.004	mg/kg	0.85
02019	t-Amyl methyl ether	994-05-8	N.D.	0.0008	0.004	mg/kg	0.85
02020	t-Butyl alcohol	75-65-0	N.D.	0.017	0.085	mg/kg	0.85

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190668

1001152-SB-13-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 11:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK136

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06089	Ethanol	64-17-5	N.D.	0.085	0.42	mg/kg	0.85
06293	Acetone	67-64-1	0.053	0.006	0.017	mg/kg	0.85
06294	Carbon Disulfide	75-15-0	N.D.	0.0008	0.004	mg/kg	0.85
06296	2-Butanone	78-93-3	0.005 J	0.003	0.008	mg/kg	0.85
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.0008	0.004	mg/kg	0.85
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.0008	0.004	mg/kg	0.85
06299	4-Methyl-2-pentanone	108-10-1	N.D.	0.003	0.008	mg/kg	0.85
06300	2-Hexanone	591-78-6	N.D.	0.003	0.008	mg/kg	0.85
08199	Freon 113	76-13-1	N.D.	0.002	0.008	mg/kg	0.85
05441	EPA SW846/8260 (soil)						
05443	Dichlorodifluoromethane	75-71-8	N.D.	0.002	0.004	mg/kg	0.85
05444	Chloromethane	74-87-3	N.D.	0.002	0.004	mg/kg	0.85
05445	Vinyl Chloride	75-01-4	N.D.	0.0008	0.004	mg/kg	0.85
05446	Bromomethane	74-83-9	N.D.	0.002	0.004	mg/kg	0.85
05447	Chloroethane	75-00-3	N.D.	0.002	0.004	mg/kg	0.85
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.004	mg/kg	0.85
05449	1,1-Dichloroethene	75-35-4	N.D.	0.0008	0.004	mg/kg	0.85
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.004	mg/kg	0.85
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.0008	0.004	mg/kg	0.85
05452	1,1-Dichloroethane	75-34-3	N.D.	0.0008	0.004	mg/kg	0.85
05453	2,2-Dichloropropane	594-20-7	N.D.	0.0008	0.004	mg/kg	0.85
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.0008	0.004	mg/kg	0.85
05455	Chloroform	67-66-3	N.D.	0.0008	0.004	mg/kg	0.85
05456	Bromochloromethane	74-97-5	N.D.	0.0008	0.004	mg/kg	0.85
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.0008	0.004	mg/kg	0.85
05458	Carbon Tetrachloride	56-23-5	N.D.	0.0008	0.004	mg/kg	0.85
05459	1,1-Dichloropropene	563-58-6	N.D.	0.0008	0.004	mg/kg	0.85
05460	Benzene	71-43-2	N.D.	0.0004	0.004	mg/kg	0.85
05461	1,2-Dichloroethane	107-06-2	N.D.	0.0008	0.004	mg/kg	0.85
05462	Trichloroethene	79-01-6	N.D.	0.0008	0.004	mg/kg	0.85
05463	1,2-Dichloropropane	78-87-5	N.D.	0.0008	0.004	mg/kg	0.85
05464	Dibromomethane	74-95-3	N.D.	0.0008	0.004	mg/kg	0.85
05465	Bromodichloromethane	75-27-4	N.D.	0.0008	0.004	mg/kg	0.85
05466	Toluene	108-88-3	N.D.	0.0008	0.004	mg/kg	0.85
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.0008	0.004	mg/kg	0.85
05468	Tetrachloroethene	127-18-4	N.D.	0.0008	0.004	mg/kg	0.85
05469	1,3-Dichloropropane	142-28-9	N.D.	0.0008	0.004	mg/kg	0.85
05470	Dibromochloromethane	124-48-1	N.D.	0.0008	0.004	mg/kg	0.85
05471	1,2-Dibromoethane	106-93-4	N.D.	0.0008	0.004	mg/kg	0.85

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190668

1001152-SB-13-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 11:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK136

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05472	Chlorobenzene	108-90-7	N.D.	0.0008	0.004	mg/kg	0.85
05473	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.0008	0.004	mg/kg	0.85
05474	Ethylbenzene	100-41-4	N.D.	0.0008	0.004	mg/kg	0.85
05475	m+p-Xylene	1330-20-7	N.D.	0.0008	0.004	mg/kg	0.85
05476	o-Xylene	95-47-6	N.D.	0.0008	0.004	mg/kg	0.85
05477	Styrene	100-42-5	N.D.	0.0008	0.004	mg/kg	0.85
05478	Bromoform	75-25-2	N.D.	0.0008	0.004	mg/kg	0.85
05479	Isopropylbenzene	98-82-8	N.D.	0.0008	0.004	mg/kg	0.85
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.0008	0.004	mg/kg	0.85
05481	Bromobenzene	108-86-1	N.D.	0.0008	0.004	mg/kg	0.85
05482	1,2,3-Trichloropropane	96-18-4	N.D.	0.0008	0.004	mg/kg	0.85
05483	n-Propylbenzene	103-65-1	N.D.	0.0008	0.004	mg/kg	0.85
05484	2-Chlorotoluene	95-49-8	N.D.	0.0008	0.004	mg/kg	0.85
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.0008	0.004	mg/kg	0.85
05486	4-Chlorotoluene	106-43-4	N.D.	0.0008	0.004	mg/kg	0.85
05487	tert-Butylbenzene	98-06-6	N.D.	0.0008	0.004	mg/kg	0.85
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.0008	0.004	mg/kg	0.85
05489	sec-Butylbenzene	135-98-8	N.D.	0.0008	0.004	mg/kg	0.85
05490	p-Isopropyltoluene	99-87-6	N.D.	0.0008	0.004	mg/kg	0.85
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.0008	0.004	mg/kg	0.85
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.0008	0.004	mg/kg	0.85
05493	n-Butylbenzene	104-51-8	N.D.	0.0008	0.004	mg/kg	0.85
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.0008	0.004	mg/kg	0.85
05495	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.002	0.004	mg/kg	0.85
05496	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.0008	0.004	mg/kg	0.85
05497	Hexachlorobutadiene	87-68-3	N.D.	0.002	0.004	mg/kg	0.85
05498	Naphthalene	91-20-3	N.D.	0.0008	0.004	mg/kg	0.85
05499	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.0008	0.004	mg/kg	0.85

2-Chloroethyl vinyl ether is an acid labile compound and cannot be reported in this sample due to the acid preservation of the samples and standards.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190668

1001152-SB-13-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 11:21 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK136

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06135	Lead	SW-846 6020	1	11/05/2007 19:46	David K Beck	10
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 12:54	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/07/2007 15:46	Heather E Williams	1
02858	Selected SVOA's in soil by SIM	SW-846 8270C SIM	1	10/24/2007 03:04	William T Parker	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/24/2007 18:39	Kenneth L Boley Jr	0.85
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/24/2007 18:39	Kenneth L Boley Jr	0.85
00381	BNA Soil Extraction	SW-846 3550B	1	10/22/2007 16:50	Adrienne E Fellenbaum	1
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:17	Lois E Hiltz	n.a.
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/16/2007 11:21	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	10/16/2007 11:21	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	3	10/16/2007 11:21	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	4	10/16/2007 11:21	Client Supplied	1
06150	ICP/MS SW-846 Solid digest	SW-846 3050B	1	11/01/2007 20:20	Annamaria Stipkovits	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 09:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190669

1001152-SB-2-7.5-8-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 14:46 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK-27

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06135	Lead	7439-92-1	7.58	0.147	0.980	mg/kg	10
02858	Selected SVOA's in soil by SIM						
02863	Naphthalene	91-20-3	0.23	0.00067	0.0017	mg/kg	1
02867	Acenaphthylene	208-96-8	N.D.	0.0090	0.0090	mg/kg	1
02868	Acenaphthene	83-32-9	0.015	0.00067	0.0017	mg/kg	1
02870	Fluorene	86-73-7	0.052	0.00067	0.0017	mg/kg	1
02871	Phenanthrene	85-01-8	0.033	0.00067	0.0017	mg/kg	1
02872	Anthracene	120-12-7	0.0016 J	0.00033	0.0017	mg/kg	1
02874	Fluoranthene	206-44-0	0.00079 J	0.00067	0.0017	mg/kg	1
02875	Pyrene	129-00-0	0.00088 J	0.00067	0.0017	mg/kg	1
02876	Benzo(a)anthracene	56-55-3	N.D.	0.00067	0.0017	mg/kg	1
02877	Chrysene	218-01-9	0.00051 J	0.00033	0.0017	mg/kg	1
02878	Benzo(b)fluoranthene	205-99-2	N.D.	0.00067	0.0017	mg/kg	1
02879	Benzo(k)fluoranthene	207-08-9	N.D.	0.00067	0.0017	mg/kg	1
02880	Benzo(a)pyrene	50-32-8	N.D.	0.00067	0.0017	mg/kg	1
02881	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.00067	0.0017	mg/kg	1
02882	Dibenz(a,h)anthracene	53-70-3	N.D.	0.00067	0.0017	mg/kg	1
02883	Benzo(g,h,i)perylene	191-24-2	N.D.	0.00067	0.0017	mg/kg	1

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

Due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5190669

1001152-SB-2-7.5-8-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 14:46 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 07:59
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK-27

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06135	Lead	SW-846 6020	1	11/05/2007 19:49	David K Beck	10
02858	Selected SVOA's in soil by SIM	SW-846 8270C SIM	1	10/31/2007 16:47	Timothy J Trees	1
00381	BNA Soil Extraction	SW-846 3550B	1	10/22/2007 16:50	Adrienne E Fellenbaum	1
06150	ICP/MS SW-846 Solid digest	SW-846 3050B	1	11/01/2007 20:20	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5190670

1001152-SB-4-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 17:13 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK-46

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06135	Lead	7439-92-1	9.89	0.146	0.971	mg/kg	10
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	230.	36.	84.	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	120.	360.	mg/kg	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
02858	Selected SVOA's in soil by SIM						
02863	Naphthalene	91-20-3	0.20	0.00067	0.0017	mg/kg	1
02867	Acenaphthylene	208-96-8	N.D.	0.015	0.015	mg/kg	1
02868	Acenaphthene	83-32-9	0.032	0.00067	0.0017	mg/kg	1
02870	Fluorene	86-73-7	0.10	0.00067	0.0017	mg/kg	1
02871	Phenanthrene	85-01-8	0.27	0.00067	0.0017	mg/kg	1
02872	Anthracene	120-12-7	0.015	0.00033	0.0017	mg/kg	1
02874	Fluoranthene	206-44-0	0.023	0.00067	0.0017	mg/kg	1
02875	Pyrene	129-00-0	0.022	0.00067	0.0017	mg/kg	1
02876	Benzo(a)anthracene	56-55-3	0.0067	0.00067	0.0017	mg/kg	1
02877	Chrysene	218-01-9	0.012	0.00033	0.0017	mg/kg	1
02878	Benzo(b)fluoranthene	205-99-2	0.012	0.00067	0.0017	mg/kg	1
02879	Benzo(k)fluoranthene	207-08-9	0.0055	0.00067	0.0017	mg/kg	1
02880	Benzo(a)pyrene	50-32-8	0.0073	0.00067	0.0017	mg/kg	1
02881	Indeno(1,2,3-cd)pyrene	193-39-5	0.0047	0.00067	0.0017	mg/kg	1
02882	Dibenz(a,h)anthracene	53-70-3	0.0014 J	0.00067	0.0017	mg/kg	1
02883	Benzo(g,h,i)perylene	191-24-2	0.0049	0.00067	0.0017	mg/kg	1

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

Due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190670

1001152-SB-4-6-7-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 17:13 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK-46

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor

Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06135	Lead	SW-846 6020	1	11/05/2007 19:51	David K Beck	10
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/07/2007 16:06	Heather E Williams	1
02858	Selected SVOA's in soil by SIM	SW-846 8270C SIM	1	10/31/2007 17:13	Timothy J Trees	1
00381	BNA Soil Extraction	SW-846 3550B	1	10/22/2007 16:50	Adrienne E Fellenbaum	1
06150	ICP/MS SW-846 Solid digest	SW-846 3050B	1	11/01/2007 20:20	Annamaria Stipkovits	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 09:30	Denise L Trimby	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5190672

1001152-SB-12-6-6.4-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 09:44 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK126

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time. The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.0006 J	0.0003	0.003	mg/kg	0.51
05466	Toluene	108-88-3	0.012	0.0005	0.003	mg/kg	0.51
05474	Ethylbenzene	100-41-4	0.006	0.0005	0.003	mg/kg	0.51
06301	Xylene (Total)	1330-20-7	0.006	0.0005	0.003	mg/kg	0.51

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample. The areas for chlorobenzene-d5 and 1,4-dichlorobenzene-d4 were less than 15% of the respective areas in the continuing calibration standard.

The analysis could not be performed according to the high level method, because no sample volume was submitted for that analysis.

Toluene is detected in the method blank at an estimated concentration of 0.002 mg/kg. The blank value was not subtracted from the analytical result.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5190672

1001152-SB-12-6-6.4-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 09:44 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK126

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 13:35	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/09/2007 10:18	Heather E Williams	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	10/30/2007 23:31	Susan McMahon-Luu	0.51
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:19	Lois E Hiltz	n.a.
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/16/2007 09:44	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	10/16/2007 09:44	Client Supplied	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 22:50	Karen L Beyer	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5190674

1001152-SB6-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 08:42 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK6-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	7.3	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time. The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.	0.025	0.25	mg/kg	50.71
05466	Toluene	108-88-3	N.D.	0.051	0.25	mg/kg	50.71
05474	Ethylbenzene	100-41-4	N.D.	0.051	0.25	mg/kg	50.71
06301	Xylene (Total)	1330-20-7	N.D.	0.051	0.25	mg/kg	50.71
	The surrogate standards were spiked during the preparation of the sample dilution.						

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 14:16	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/09/2007 10:37	Heather E Williams	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	10/30/2007 18:00	Susan McMahon-Luu	50.71
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:23	Lois E Hiltz	n.a.
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	1	10/16/2007 08:42	Client Supplied	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5190674

1001152-SB6-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 08:42 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK6-6

06171	GC/MS - Field Preserved MeOH	SW-846 5035A	2	10/16/2007 08:42	Client Supplied	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/22/2007 22:50	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 5190677

1001152-SB11-5.8-6.2-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 10:37 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK115

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.0	5.0	mg/kg	25
	The analysis was requested with insufficient time remaining in the hold time. The sample was analyzed 1 day outside the method hold time.						
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.0	7.0	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	10.	30.	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.	0.025	0.25	mg/kg	50.57
05466	Toluene	108-88-3	N.D.	0.051	0.25	mg/kg	50.57
05474	Ethylbenzene	100-41-4	N.D.	0.051	0.25	mg/kg	50.57
06301	Xylene (Total)	1330-20-7	N.D.	0.051	0.25	mg/kg	50.57
	The surrogate standards were spiked during the preparation of the sample dilution.						

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/31/2007 17:07	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	11/09/2007 11:17	Heather E Williams	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	10/30/2007 18:22	Susan McMahon-Luu	50.57
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/30/2007 16:26	Lois E Hiltz	n.a.
06171	GC/MS - Field Preserved MeOH	SW-846 5035A	1	10/16/2007 10:37	Client Supplied	1

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Analysis Report

Lancaster Laboratories Sample No. SW 5190677

1001152-SB11-5.8-6.2-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 10:37 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK115

06171	GC/MS - Field Preserved MeOH	SW-846 5035A	2	10/16/2007 10:37	Client Supplied	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/23/2007 11:00	Olivia Arosemena	1

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Analysis Report

Lancaster Laboratories Sample No. SW 5190680

1001152-SB10-6-6.5-101507 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/15/2007 15:53 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

T10-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05441	EPA SW846/8260 (soil)						
05460	Benzene	71-43-2	N.D.	0.013	0.13	mg/kg	25.59
05466	Toluene	108-88-3	N.D.	0.026	0.13	mg/kg	25.59
05474	Ethylbenzene	100-41-4	0.13	0.026	0.13	mg/kg	25.59
05475	m+p-Xylene	1330-20-7	0.19	0.026	0.13	mg/kg	25.59
05476	o-Xylene	95-47-6	0.035 J	0.026	0.13	mg/kg	25.59

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/26/2007 06:56	Susan McMahon-Luu	25.59
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/15/2007 15:53	Client Supplied	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	1	10/15/2007 15:53	Client Supplied	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	2	10/15/2007 15:53	Client Supplied	1

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Analysis Report

Lancaster Laboratories Sample No. SW 5190681

1001152-SB14-6-6.5-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 12:20 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

T14-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.0007 J	0.0003	0.003	mg/kg	0.58
05466	Toluene	108-88-3	0.017	0.0006	0.003	mg/kg	0.58
05474	Ethylbenzene	100-41-4	0.006	0.0006	0.003	mg/kg	0.58
06301	Xylene (Total)	1330-20-7	0.007	0.0006	0.003	mg/kg	0.58

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample. The areas for chlorobenzene-d5 and 1,4-dichlorobenzene-d4 were less than 15% of the respective areas in the continuing calibration standard.

The analysis could not be performed according to the high level method, because no sample volume was submitted for that analysis.

Toluene is detected in the method blank at an estimated concentration of 0.002 mg/kg. The blank value was not subtracted from the analytical result.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	10/30/2007 22:45	Susan McMahon-Luu	0.58
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/16/2007 12:20	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	10/16/2007 12:20	Client Supplied	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5190684

1001152-SB3-5.10-6.4-101607 Soil Sample
Facility# 1001152
Tekoa, WA

Collected:10/16/2007 15:18 by KN

Account Number: 12094

Submitted: 10/19/2007 09:15
Reported: 12/18/2007 at 08:00
Discard: 01/18/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TK-35

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.0008 J	0.0003	0.003	mg/kg	0.6
05466	Toluene	108-88-3	0.011	0.0006	0.003	mg/kg	0.6
05474	Ethylbenzene	100-41-4	0.006	0.0006	0.003	mg/kg	0.6
06301	Xylene (Total)	1330-20-7	0.006	0.0006	0.003	mg/kg	0.6

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample. The areas for chlorobenzene-d5 and 1,4-dichlorobenzene-d4 were less than 15% of the respective areas in the continuing calibration standard.

The analysis could not be performed according to the high level method, because no sample volume was submitted for that analysis.

Toluene is detected in the method blank at an estimated concentration of 0.002 mg/kg. The blank value was not subtracted from the analytical result.

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	10/30/2007 23:08	Susan McMahon-Luu	0.6
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	10/16/2007 15:18	Client Supplied	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	10/16/2007 15:18	Client Supplied	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07292A33B	Sample number(s): 5190636,5190638								
TPH by NWTPH-Gx soils	N.D.	1.0	5.0	mg/kg	106		67-119		
Batch number: 072930008A	Sample number(s): 5190633,5190636								
Diesel Range Organics	N.D.	3.0	7.0	mg/kg	89		60-120		
Heavy Range Organics	N.D.	10.	30.	mg/kg					
Batch number: 072930021A	Sample number(s): 5190648,5190650,5190658-5190659,5190668,5190670								
Diesel Range Organics	N.D.	3.0	7.0	mg/kg	84		60-120		
Heavy Range Organics	N.D.	10.	30.	mg/kg					
Batch number: 072950004A	Sample number(s): 5190651-5190652,5190654-5190655,5190661-5190662,5190664-5190665								
Diesel Range Organics	N.D.	80.	250.	ug/l	79	85	61-106	8	20
Heavy Range Organics	N.D.	100.	500.	ug/l					
Batch number: 072950014A	Sample number(s): 5190643,5190645,5190672,5190674								
Diesel Range Organics	N.D.	3.0	7.0	mg/kg	74		60-120		
Heavy Range Organics	N.D.	10.	30.	mg/kg					
Batch number: 072950028A	Sample number(s): 5190647,5190677								
Diesel Range Organics	N.D.	3.0	7.0	mg/kg	72		60-120		
Heavy Range Organics	N.D.	10.	30.	mg/kg					
Batch number: 07295SLB026	Sample number(s): 5190643-5190644,5190668-5190670								
Naphthalene	N.D.	0.00067	0.0017	mg/kg	86		63-116		
2-Methylnaphthalene	N.D.	0.00067	0.0017	mg/kg	90		64-119		
Acenaphthylene	N.D.	0.00033	0.0017	mg/kg	87		61-109		
Acenaphthene	N.D.	0.00067	0.0017	mg/kg	89		65-120		
Fluorene	N.D.	0.00067	0.0017	mg/kg	93		62-132		
Phenanthrene	N.D.	0.00067	0.0017	mg/kg	94		64-118		
Anthracene	N.D.	0.00033	0.0017	mg/kg	90		73-105		
Fluoranthene	N.D.	0.00067	0.0017	mg/kg	98		71-124		
Pyrene	N.D.	0.00067	0.0017	mg/kg	94		65-127		
Benzo(a)anthracene	N.D.	0.00067	0.0017	mg/kg	96		74-120		
Chrysene	N.D.	0.00033	0.0017	mg/kg	97		75-126		
Benzo(b)fluoranthene	N.D.	0.00067	0.0017	mg/kg	97		72-134		
Benzo(k)fluoranthene	N.D.	0.00067	0.0017	mg/kg	100		72-128		
Benzo(a)pyrene	N.D.	0.00067	0.0017	mg/kg	92		59-126		
Indeno(1,2,3-cd)pyrene	N.D.	0.00067	0.0017	mg/kg	98		62-132		
Dibenz(a,h)anthracene	N.D.	0.00067	0.0017	mg/kg	99		35-137		
Benzo(g,h,i)perylene	N.D.	0.00067	0.0017	mg/kg	97		62-135		
Batch number: 07295WAF026	Sample number(s): 5190651-5190652,5190654,5190661-5190663,5190665								
Naphthalene	N.D.	0.010	0.050	ug/l	85	85	68-120	0	30
Acenaphthylene	N.D.	0.010	0.050	ug/l	95	95	65-113	0	30
Acenaphthene	N.D.	0.010	0.050	ug/l	86	87	71-122	1	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Fluorene	N.D.	0.010	0.050	ug/l	91	91	71-124	1	30
Phenanthrene	N.D.	0.010	0.050	ug/l	88	89	70-125	0	30
Anthracene	N.D.	0.010	0.050	ug/l	89	90	64-126	1	30
Fluoranthene	N.D.	0.010	0.050	ug/l	93	92	69-131	0	30
Pyrene	N.D.	0.010	0.050	ug/l	89	88	69-130	0	30
Benzo(a)anthracene	N.D.	0.010	0.050	ug/l	90	89	68-129	1	30
Chrysene	N.D.	0.010	0.050	ug/l	92	92	69-128	0	30
Benzo(b)fluoranthene	N.D.	0.010	0.050	ug/l	88	88	56-138	1	30
Benzo(k)fluoranthene	N.D.	0.010	0.050	ug/l	94	94	62-135	0	30
Benzo(a)pyrene	N.D.	0.010	0.050	ug/l	89	90	61-124	1	30
Indeno(1,2,3-cd)pyrene	N.D.	0.010	0.050	ug/l	94	95	62-129	1	30
Dibenz(a,h)anthracene	N.D.	0.010	0.050	ug/l	95	95	39-130	0	30
Benzo(g,h,i)perylene	N.D.	0.010	0.050	ug/l	86	87	64-126	2	30
Batch number: 07297A07A	Sample number(s): 5190652-5190656,5190661,5190666-5190667								
TPH by NWTPH-Gx waters	N.D.	50.	250.	ug/l	94	101	75-135	7	30
Batch number: 07303A02A	Sample number(s): 5190633,5190644-5190645,5190650,5190658-5190659,5190668,5190672,5190674,5190677								
TPH by NWTPH-Gx soils	N.D.	1.0	5.0	mg/kg	98		67-119		
TPH by NWTPH-Gx soils	N.D.	1.0	5.0	mg/kg	98		67-119		
Benzene	N.D.	0.005	0.02	mg/kg	93		76-118		
Toluene	N.D.	0.005	0.02	mg/kg	83		72-115		
Ethylbenzene	N.D.	0.005	0.02	mg/kg	87		77-115		
Total Xylenes	N.D.	0.02	0.05	mg/kg	88		78-115		
Batch number: 07303A02B	Sample number(s): 5190643,5190647-5190648								
TPH by NWTPH-Gx soils	N.D.	1.0	5.0	mg/kg	98		67-119		
Batch number: 073046050001A	Sample number(s): 5190640-5190641,5190652								
Lead	N.D.	0.047	1.0	ug/l	104		90-115		
Batch number: 073056050002A	Sample number(s): 5190654-5190655,5190661-5190662,5190666								
Lead	N.D.	0.047	1.0	ug/l	104		90-115		
Batch number: 073056150001A	Sample number(s): 5190643-5190644,5190668-5190670								
Lead	0.0344 J	0.0150	0.100	mg/kg	109		82-118		
Batch number: A073031AA	Sample number(s): 5190672,5190681,5190684								
Benzene	N.D.	0.0005	0.005	mg/kg	106	103	84-115	2	30
Toluene	0.002 J	0.001	0.005	mg/kg	111	108	81-116	2	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	89	87	82-115	2	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	88	85	82-117	3	30
Batch number: Q072981AA	Sample number(s): 5190633,5190636,5190638,5190643-5190645,5190647								
Methyl Tertiary Butyl Ether	N.D.	0.025	0.25	mg/kg	104	105	72-117	1	30
di-Isopropyl ether	N.D.	0.050	0.25	mg/kg	107	107	72-120	0	30
Ethyl t-butyl ether	N.D.	0.050	0.25	mg/kg	106	108	72-115	2	30
t-Amyl methyl ether	N.D.	0.050	0.25	mg/kg	104	105	73-116	1	30
t-Butyl alcohol	N.D.	1.0	5.0	mg/kg	97	104	59-154	7	30
Dichlorodifluoromethane	N.D.	0.10	0.25	mg/kg	82	69	28-121	18	30
Chloromethane	N.D.	0.10	0.25	mg/kg	90	88	44-115	2	30
Vinyl Chloride	N.D.	0.050	0.25	mg/kg	89	84	52-111	7	30
Bromomethane	N.D.	0.10	0.25	mg/kg	117	117	53-124	0	30
Chloroethane	N.D.	0.10	0.25	mg/kg	122*	118	63-120	3	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result		Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	N.D.		0.10	0.25	mg/kg	104	97	58-125	7	30
1,1-Dichloroethene	N.D.		0.050	0.25	mg/kg	111	107	83-121	4	30
Methylene Chloride	N.D.		0.10	0.25	mg/kg	102	104	75-120	2	30
trans-1,2-Dichloroethene	N.D.		0.050	0.25	mg/kg	107	104	84-116	3	30
1,1-Dichloroethane	N.D.		0.050	0.25	mg/kg	112	111	82-116	1	30
2,2-Dichloropropane	N.D.		0.050	0.25	mg/kg	118	118	72-123	0	30
cis-1,2-Dichloroethene	N.D.		0.050	0.25	mg/kg	103	103	84-113	0	30
Chloroform	N.D.		0.050	0.25	mg/kg	115	114	81-117	1	30
Bromochloromethane	N.D.		0.050	0.25	mg/kg	103	105	83-119	2	30
1,1,1-Trichloroethane	N.D.		0.050	0.25	mg/kg	120	117	74-127	3	30
Carbon Tetrachloride	N.D.		0.050	0.25	mg/kg	118	116	76-122	2	30
1,1-Dichloropropene	N.D.		0.050	0.25	mg/kg	106	104	75-121	2	30
Benzene	N.D.		0.025	0.25	mg/kg	104	104	84-115	0	30
1,2-Dichloroethane	N.D.		0.050	0.25	mg/kg	123	127*	76-126	3	30
Trichloroethene	N.D.		0.050	0.25	mg/kg	106	106	81-114	1	30
1,2-Dichloropropane	N.D.		0.050	0.25	mg/kg	105	106	78-119	1	30
Dibromomethane	N.D.		0.050	0.25	mg/kg	107	108	79-118	1	30
Bromodichloromethane	N.D.		0.050	0.25	mg/kg	114	118*	77-116	3	30
Toluene	N.D.		0.050	0.25	mg/kg	103	104	81-116	1	30
1,1,2-Trichloroethane	N.D.		0.050	0.25	mg/kg	98	101	81-112	3	30
Tetrachloroethene	N.D.		0.050	0.25	mg/kg	105	104	77-120	1	30
1,3-Dichloropropane	N.D.		0.050	0.25	mg/kg	100	102	80-115	2	30
Dibromochloromethane	N.D.		0.050	0.25	mg/kg	114*	115*	80-113	1	30
1,2-Dibromoethane	N.D.		0.050	0.25	mg/kg	102	100	77-114	2	30
Chlorobenzene	N.D.		0.050	0.25	mg/kg	104	104	81-112	1	30
1,1,1,2-Tetrachloroethane	N.D.		0.050	0.25	mg/kg	106	107	78-115	0	30
Ethylbenzene	N.D.		0.050	0.25	mg/kg	105	104	82-115	1	30
m+p-Xylene	N.D.		0.050	0.25	mg/kg	104	104	82-117	0	30
o-Xylene	N.D.		0.050	0.25	mg/kg	103	105	82-117	1	30
Styrene	N.D.		0.050	0.25	mg/kg	100	102	79-108	2	30
Bromoform	N.D.		0.050	0.25	mg/kg	103	105	63-120	2	30
Isopropylbenzene	N.D.		0.050	0.25	mg/kg	96	96	82-110	1	30
1,1,2,2-Tetrachloroethane	N.D.		0.050	0.25	mg/kg	95	98	64-121	3	30
Bromobenzene	N.D.		0.050	0.25	mg/kg	100	103	84-109	3	30
1,2,3-Trichloropropane	N.D.		0.050	0.25	mg/kg	98	100	69-119	2	30
n-Propylbenzene	N.D.		0.050	0.25	mg/kg	99	102	76-122	3	30
2-Chlorotoluene	N.D.		0.050	0.25	mg/kg	99	103	73-114	5	30
1,3,5-Trimethylbenzene	N.D.		0.050	0.25	mg/kg	101	106	74-112	4	30
4-Chlorotoluene	N.D.		0.050	0.25	mg/kg	99	103	75-110	4	30
tert-Butylbenzene	N.D.		0.050	0.25	mg/kg	98	100	72-113	2	30
1,2,4-Trimethylbenzene	N.D.		0.050	0.25	mg/kg	103	109	74-117	6	30
sec-Butylbenzene	N.D.		0.050	0.25	mg/kg	97	100	66-120	3	30
p-Isopropyltoluene	N.D.		0.050	0.25	mg/kg	99	101	72-113	1	30
1,3-Dichlorobenzene	N.D.		0.050	0.25	mg/kg	100	103	76-112	3	30
1,4-Dichlorobenzene	N.D.		0.050	0.25	mg/kg	99	103	78-108	4	30
n-Butylbenzene	N.D.		0.050	0.25	mg/kg	94	98	59-120	5	30
1,2-Dichlorobenzene	N.D.		0.050	0.25	mg/kg	101	103	81-109	2	30
1,2-Dibromo-3-chloropropane	N.D.		0.10	0.25	mg/kg	135*	105	58-127	26	30
1,2,4-Trichlorobenzene	N.D.		0.050	0.25	mg/kg	95	101	60-116	6	30
Hexachlorobutadiene	N.D.		0.10	0.25	mg/kg	76	81	33-136	6	30
Naphthalene	N.D.		0.050	0.25	mg/kg	97	101	62-116	4	30
1,2,3-Trichlorobenzene	N.D.		0.050	0.25	mg/kg	92	99	63-120	7	30
Ethanol	7.5	J	5.0	25.	mg/kg	93	93	48-149	0	30
Acetone	N.D.		0.35	1.0	mg/kg	53	62	18-200	15	30
Carbon Disulfide	N.D.		0.050	0.25	mg/kg	107	103	74-117	3	30

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Butanone	N.D.	0.20	0.50	mg/kg	66	73	39-170	9	30
trans-1,3-Dichloropropene	N.D.	0.050	0.25	mg/kg	105	107	79-112	2	30
cis-1,3-Dichloropropene	N.D.	0.050	0.25	mg/kg	106	105	80-111	1	30
4-Methyl-2-pentanone	N.D.	0.15	0.50	mg/kg	100	102	51-141	2	30
2-Hexanone	N.D.	0.15	0.50	mg/kg	82	88	38-154	7	30
2-Chloroethyl Vinyl Ether	N.D.	0.10	0.50	mg/kg	94	96	26-148	1	30
Freon 113	N.D.	0.10	0.50	mg/kg	103	96	68-121	7	30
Batch number: Q072982AA	Sample number(s): 5190644,5190680								
Methyl Tertiary Butyl Ether	N.D.	0.025	0.25	mg/kg	105	104	72-117	0	30
di-Isopropyl ether	N.D.	0.050	0.25	mg/kg	106	108	72-120	2	30
Ethyl t-butyl ether	N.D.	0.050	0.25	mg/kg	107	107	72-115	0	30
t-Amyl methyl ether	N.D.	0.050	0.25	mg/kg	105	106	73-116	1	30
t-Butyl alcohol	N.D.	1.0	5.0	mg/kg	102	104	59-154	2	30
Dichlorodifluoromethane	N.D.	0.10	0.25	mg/kg	71	67	28-121	6	30
Chloromethane	N.D.	0.10	0.25	mg/kg	89	89	44-115	1	30
Vinyl Chloride	N.D.	0.050	0.25	mg/kg	84	86	52-111	2	30
Bromomethane	N.D.	0.10	0.25	mg/kg	102	110	53-124	7	30
Chloroethane	N.D.	0.10	0.25	mg/kg	112	108	63-120	3	30
Trichlorofluoromethane	N.D.	0.10	0.25	mg/kg	91	98	58-125	8	30
1,1-Dichloroethene	N.D.	0.050	0.25	mg/kg	111	114	83-121	3	30
Methylene Chloride	N.D.	0.10	0.25	mg/kg	107	107	75-120	0	30
trans-1,2-Dichloroethene	N.D.	0.050	0.25	mg/kg	111	113	84-116	3	30
1,1-Dichloroethane	N.D.	0.050	0.25	mg/kg	110	114	82-116	4	30
2,2-Dichloropropane	N.D.	0.050	0.25	mg/kg	118	120	72-123	2	30
cis-1,2-Dichloroethene	N.D.	0.050	0.25	mg/kg	106	109	84-113	3	30
Chloroform	N.D.	0.050	0.25	mg/kg	116	116	81-117	0	30
Bromochloromethane	N.D.	0.050	0.25	mg/kg	108	108	83-119	0	30
1,1,1-Trichloroethane	N.D.	0.050	0.25	mg/kg	118	123	74-127	4	30
Carbon Tetrachloride	N.D.	0.050	0.25	mg/kg	114	122	76-122	7	30
1,1-Dichloropropene	N.D.	0.050	0.25	mg/kg	106	109	75-121	3	30
Benzene	N.D.	0.025	0.25	mg/kg	106	107	84-115	1	30
1,2-Dichloroethane	N.D.	0.050	0.25	mg/kg	123	123	76-126	0	30
Trichloroethene	N.D.	0.050	0.25	mg/kg	108	113	81-114	4	30
1,2-Dichloropropane	N.D.	0.050	0.25	mg/kg	105	107	78-119	1	30
Dibromomethane	N.D.	0.050	0.25	mg/kg	114	111	79-118	3	30
Bromodichloromethane	N.D.	0.050	0.25	mg/kg	117*	120*	77-116	2	30
Toluene	N.D.	0.050	0.25	mg/kg	104	107	81-116	3	30
1,1,2-Trichloroethane	N.D.	0.050	0.25	mg/kg	104	102	81-112	2	30
Tetrachloroethene	N.D.	0.050	0.25	mg/kg	108	112	77-120	4	30
1,3-Dichloropropane	N.D.	0.050	0.25	mg/kg	102	104	80-115	2	30
Dibromochloromethane	N.D.	0.050	0.25	mg/kg	117*	118*	80-113	1	30
1,2-Dibromoethane	N.D.	0.050	0.25	mg/kg	103	105	77-114	2	30
Chlorobenzene	N.D.	0.050	0.25	mg/kg	106	106	81-112	0	30
1,1,1,2-Tetrachloroethane	N.D.	0.050	0.25	mg/kg	111	109	78-115	2	30
Ethylbenzene	N.D.	0.050	0.25	mg/kg	105	107	82-115	2	30
m+p-Xylene	N.D.	0.050	0.25	mg/kg	106	109	82-117	3	30
o-Xylene	N.D.	0.050	0.25	mg/kg	106	107	82-117	1	30
Styrene	N.D.	0.050	0.25	mg/kg	103	104	79-108	1	30
Bromoform	N.D.	0.050	0.25	mg/kg	104	105	63-120	1	30
Isopropylbenzene	N.D.	0.050	0.25	mg/kg	96	98	82-110	1	30
1,1,2,2-Tetrachloroethane	N.D.	0.050	0.25	mg/kg	94	96	64-121	2	30
Bromobenzene	N.D.	0.050	0.25	mg/kg	104	104	84-109	1	30
1,2,3-Trichloropropane	N.D.	0.050	0.25	mg/kg	102	102	69-119	1	30
n-Propylbenzene	N.D.	0.050	0.25	mg/kg	101	102	76-122	1	30

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result		Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Chlorotoluene	N.D.		0.050	0.25	mg/kg	101	102	73-114	0	30
1,3,5-Trimethylbenzene	N.D.		0.050	0.25	mg/kg	102	104	74-112	1	30
4-Chlorotoluene	N.D.		0.050	0.25	mg/kg	102	104	75-110	1	30
tert-Butylbenzene	N.D.		0.050	0.25	mg/kg	102	101	72-113	1	30
sec-Butylbenzene	N.D.		0.050	0.25	mg/kg	99	101	66-120	2	30
p-Isopropyltoluene	N.D.		0.050	0.25	mg/kg	101	103	72-113	1	30
1,3-Dichlorobenzene	N.D.		0.050	0.25	mg/kg	103	102	76-112	1	30
1,4-Dichlorobenzene	N.D.		0.050	0.25	mg/kg	105	104	78-108	1	30
n-Butylbenzene	N.D.		0.050	0.25	mg/kg	96	99	59-120	2	30
1,2-Dichlorobenzene	N.D.		0.050	0.25	mg/kg	105	104	81-109	1	30
1,2-Dibromo-3-chloropropane	N.D.		0.10	0.25	mg/kg	94	101	58-127	7	30
1,2,4-Trichlorobenzene	N.D.		0.050	0.25	mg/kg	96	98	60-116	2	30
Hexachlorobutadiene	N.D.		0.10	0.25	mg/kg	76	83	33-136	8	30
Naphthalene	N.D.		0.050	0.25	mg/kg	94	94	62-116	0	30
1,2,3-Trichlorobenzene	N.D.		0.050	0.25	mg/kg	95	96	63-120	2	30
Ethanol	8.0	J	5.0	25.	mg/kg	100	100	48-149	0	30
Acetone	N.D.		0.35	1.0	mg/kg	88	89	18-200	1	30
Carbon Disulfide	N.D.		0.050	0.25	mg/kg	109	112	74-117	3	30
2-Butanone	N.D.		0.20	0.50	mg/kg	89	91	39-170	2	30
trans-1,3-Dichloropropene	N.D.		0.050	0.25	mg/kg	107	106	79-112	1	30
cis-1,3-Dichloropropene	N.D.		0.050	0.25	mg/kg	108	107	80-111	1	30
4-Methyl-2-pentanone	N.D.		0.15	0.50	mg/kg	100	100	51-141	0	30
2-Hexanone	N.D.		0.15	0.50	mg/kg	94	94	38-154	0	30
2-Chloroethyl Vinyl Ether	N.D.		0.10	0.50	mg/kg	96	96	26-148	1	30
Freon 113	N.D.		0.10	0.50	mg/kg	97	102	68-121	5	30
Batch number: R073031AA	Sample number(s): 5190674,5190677									
Benzene	N.D.		0.025	0.25	mg/kg	101		84-115		
Toluene	N.D.		0.050	0.25	mg/kg	102		81-116		
Ethylbenzene	N.D.		0.050	0.25	mg/kg	104		82-115		
Xylene (Total)	N.D.		0.050	0.25	mg/kg	104		82-117		
Batch number: W073001AA	Sample number(s): 5190652,5190654-5190656,5190661-5190662,5190666									
Ethanol	N.D.		50.	250.	ug/l	92		31-166		
Methyl Tertiary Butyl Ether	N.D.		0.5	4.	ug/l	105		73-119		
di-Isopropyl ether	N.D.		0.5	4.	ug/l	114		70-123		
Ethyl t-butyl ether	N.D.		0.5	4.	ug/l	111		74-120		
t-Amyl methyl ether	N.D.		0.5	4.	ug/l	107		79-113		
t-Butyl alcohol	N.D.		5.	80.	ug/l	103		74-117		
Dichlorodifluoromethane	N.D.		2.	5.	ug/l	120		33-125		
Chloromethane	N.D.		1.	5.	ug/l	109		47-122		
Vinyl Chloride	N.D.		1.	5.	ug/l	104		54-123		
Bromomethane	N.D.		1.	5.	ug/l	90		49-117		
Chloroethane	N.D.		1.	5.	ug/l	97		54-117		
Trichlorofluoromethane	N.D.		2.	5.	ug/l	114		59-128		
1,1-Dichloroethene	N.D.		0.8	5.	ug/l	105		76-122		
Methylene Chloride	N.D.		2.	5.	ug/l	111		85-120		
trans-1,2-Dichloroethene	N.D.		0.8	5.	ug/l	106		83-117		
1,1-Dichloroethane	N.D.		1.	5.	ug/l	117		83-127		
2,2-Dichloropropane	N.D.		1.	5.	ug/l	108		74-130		
cis-1,2-Dichloroethene	N.D.		0.8	5.	ug/l	105		84-117		
Chloroform	N.D.		0.8	5.	ug/l	111		77-125		
Bromochloromethane	N.D.		1.	5.	ug/l	103		83-121		
1,1,1-Trichloroethane	N.D.		0.8	5.	ug/l	112		83-127		
Carbon Tetrachloride	N.D.		1.	5.	ug/l	110		77-130		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1-Dichloropropene	N.D.	1.	5.	ug/l	113		84-116		
Benzene	N.D.	0.5	4.	ug/l	113		78-119		
1,2-Dichloroethane	N.D.	0.5	4.	ug/l	116		69-135		
Trichloroethene	N.D.	1.	5.	ug/l	106		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	114		80-117		
Dibromomethane	N.D.	1.	5.	ug/l	107		87-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	107		83-121		
Toluene	N.D.	0.5	4.	ug/l	109		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	105		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	105		76-118		
1,3-Dichloropropane	N.D.	1.	5.	ug/l	109		84-119		
Dibromochloromethane	N.D.	1.	5.	ug/l	103		78-119		
1,2-Dibromoethane	N.D.	0.5	4.	ug/l	103		81-114		
Chlorobenzene	N.D.	0.8	5.	ug/l	107		85-115		
1,1,1,2-Tetrachloroethane	N.D.	1.	5.	ug/l	101		83-114		
Ethylbenzene	N.D.	0.5	4.	ug/l	109		82-119		
m+p-Xylene	N.D.	0.5	4.	ug/l	108		83-113		
o-Xylene	N.D.	0.5	4.	ug/l	107		83-113		
Styrene	N.D.	1.	5.	ug/l	103		82-111		
Bromoform	N.D.	1.	5.	ug/l	85		69-118		
Isopropylbenzene	N.D.	1.	5.	ug/l	107		80-113		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	103		72-119		
Bromobenzene	N.D.	1.	5.	ug/l	104		82-110		
1,2,3-Trichloropropane	N.D.	1.	5.	ug/l	105		78-117		
n-Propylbenzene	N.D.	1.	5.	ug/l	117		78-119		
2-Chlorotoluene	N.D.	1.	5.	ug/l	111		78-115		
1,3,5-Trimethylbenzene	N.D.	1.	5.	ug/l	112		78-116		
4-Chlorotoluene	N.D.	1.	5.	ug/l	109		80-112		
tert-Butylbenzene	N.D.	1.	5.	ug/l	109		74-114		
1,2,4-Trimethylbenzene	N.D.	1.	5.	ug/l	113		78-117		
sec-Butylbenzene	N.D.	1.	5.	ug/l	116		72-120		
p-Isopropyltoluene	N.D.	1.	5.	ug/l	114		72-118		
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	109		81-114		
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	108		84-116		
n-Butylbenzene	N.D.	1.	5.	ug/l	113		75-120		
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	107		81-112		
1,2-Dibromo-3-chloropropane	N.D.	2.	5.	ug/l	99		62-128		
1,2,4-Trichlorobenzene	N.D.	1.	5.	ug/l	98		65-114		
Hexachlorobutadiene	N.D.	2.	5.	ug/l	91		62-119		
Naphthalene	N.D.	1.	5.	ug/l	96		61-116		
1,2,3-Trichlorobenzene	N.D.	1.	5.	ug/l	98		67-114		
Acetone	N.D.	6.	20.	ug/l	118		40-200		
Carbon Disulfide	N.D.	1.	5.	ug/l	102		69-119		
2-Butanone	N.D.	3.	10.	ug/l	101		52-163		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	104		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	107		78-114		
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	99		70-130		
2-Hexanone	N.D.	3.	10.	ug/l	99		61-140		
2-Chloroethyl Vinyl Ether	N.D.	2.	10.	ug/l	100		66-125		
Freon 113	N.D.	2.	10.	ug/l	122		66-125		
Batch number: W073011AA	Sample number(s): 5190667								
Ethanol	N.D.	50.	250.	ug/l	91		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	4.	ug/l	100		73-119		
di-Isopropyl ether	N.D.	0.5	4.	ug/l	107		70-123		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethyl t-butyl ether	N.D.	0.5	4.	ug/l	104		74-120		
t-Amyl methyl ether	N.D.	0.5	4.	ug/l	102		79-113		
t-Butyl alcohol	N.D.	5.	80.	ug/l	110		74-117		
Dichlorodifluoromethane	N.D.	2.	5.	ug/l	104		33-125		
Chloromethane	N.D.	1.	5.	ug/l	98		47-122		
Vinyl Chloride	N.D.	1.	5.	ug/l	97		54-123		
Bromomethane	N.D.	1.	5.	ug/l	83		49-117		
Chloroethane	N.D.	1.	5.	ug/l	88		54-117		
Trichlorofluoromethane	N.D.	2.	5.	ug/l	102		59-128		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	101		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	108		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	101		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	112		83-127		
2,2-Dichloropropane	N.D.	1.	5.	ug/l	101		74-130		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	103		84-117		
Chloroform	N.D.	0.8	5.	ug/l	105		77-125		
Bromochloromethane	N.D.	1.	5.	ug/l	101		83-121		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	105		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	102		77-130		
1,1-Dichloropropene	N.D.	1.	5.	ug/l	109		84-116		
Benzene	N.D.	0.5	4.	ug/l	108		78-119		
1,2-Dichloroethane	N.D.	0.5	4.	ug/l	109		69-135		
Trichloroethene	N.D.	1.	5.	ug/l	104		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	109		80-117		
Dibromomethane	N.D.	1.	5.	ug/l	100		87-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	105		83-121		
Toluene	N.D.	0.5	4.	ug/l	110		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	103		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	107		76-118		
1,3-Dichloropropane	N.D.	1.	5.	ug/l	107		84-119		
Dibromochloromethane	N.D.	1.	5.	ug/l	105		78-119		
1,2-Dibromoethane	N.D.	0.5	4.	ug/l	105		81-114		
Chlorobenzene	N.D.	0.8	5.	ug/l	108		85-115		
1,1,1,2-Tetrachloroethane	N.D.	1.	5.	ug/l	101		83-114		
Ethylbenzene	N.D.	0.5	4.	ug/l	107		82-119		
m+p-Xylene	N.D.	0.5	4.	ug/l	108		83-113		
o-Xylene	N.D.	0.5	4.	ug/l	105		83-113		
Styrene	N.D.	1.	5.	ug/l	101		82-111		
Bromoform	N.D.	1.	5.	ug/l	90		69-118		
Isopropylbenzene	N.D.	1.	5.	ug/l	107		80-113		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	103		72-119		
Bromobenzene	N.D.	1.	5.	ug/l	107		82-110		
1,2,3-Trichloropropane	N.D.	1.	5.	ug/l	105		78-117		
n-Propylbenzene	N.D.	1.	5.	ug/l	116		78-119		
2-Chlorotoluene	N.D.	1.	5.	ug/l	111		78-115		
1,3,5-Trimethylbenzene	N.D.	1.	5.	ug/l	111		78-116		
4-Chlorotoluene	N.D.	1.	5.	ug/l	111		80-112		
tert-Butylbenzene	N.D.	1.	5.	ug/l	112		74-114		
1,2,4-Trimethylbenzene	N.D.	1.	5.	ug/l	110		78-117		
sec-Butylbenzene	N.D.	1.	5.	ug/l	113		72-120		
p-Isopropyltoluene	N.D.	1.	5.	ug/l	111		72-118		
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	108		81-114		
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	108		84-116		
n-Butylbenzene	N.D.	1.	5.	ug/l	110		75-120		
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	108		81-112		

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,2-Dibromo-3-chloropropane	N.D.	2.	5.	ug/l	95		62-128		
1,2,4-Trichlorobenzene	N.D.	1.	5.	ug/l	101		65-114		
Hexachlorobutadiene	N.D.	2.	5.	ug/l	92		62-119		
Naphthalene	N.D.	1.	5.	ug/l	98		61-116		
1,2,3-Trichlorobenzene	N.D.	1.	5.	ug/l	101		67-114		
Acetone	N.D.	6.	20.	ug/l	110		40-200		
Carbon Disulfide	N.D.	1.	5.	ug/l	101		69-119		
2-Butanone	N.D.	3.	10.	ug/l	96		52-163		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	103		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	105		78-114		
4-Methyl-2-pentanone	N.D.	3.	10.	ug/l	94		70-130		
2-Hexanone	N.D.	3.	10.	ug/l	94		61-140		
2-Chloroethyl Vinyl Ether	N.D.	2.	10.	ug/l	97		66-125		
Freon 113	N.D.	2.	10.	ug/l	114		66-125		
Batch number: X072971AA	Sample number(s): 5190668								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	94	95	72-117	0	30
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	77	77	72-120	0	30
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	87	91	72-115	4	30
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	93	96	73-116	4	30
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	107	107	59-154	0	30
Dichlorodifluoromethane	N.D.	0.002	0.005	mg/kg	114	112	28-121	2	30
Chloromethane	N.D.	0.002	0.005	mg/kg	92	92	44-115	1	30
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	95	94	52-111	2	30
Bromomethane	N.D.	0.002	0.005	mg/kg	109	104	53-124	5	30
Chloroethane	N.D.	0.002	0.005	mg/kg	98	96	63-120	2	30
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	119	116	58-125	3	30
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	96	94	83-121	2	30
Methylene Chloride	N.D.	0.002	0.005	mg/kg	81	80	75-120	2	30
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	98	94	84-116	3	30
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	93	92	82-116	1	30
2,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	110	107	72-123	2	30
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	95	93	84-113	2	30
Chloroform	N.D.	0.001	0.005	mg/kg	108	104	81-117	4	30
Bromochloromethane	N.D.	0.001	0.005	mg/kg	96	98	83-119	2	30
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	115	110	74-127	4	30
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	116	111	76-122	4	30
1,1-Dichloropropene	N.D.	0.001	0.005	mg/kg	95	92	75-121	4	30
Benzene	N.D.	0.0005	0.005	mg/kg	92	91	84-115	1	30
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	114	112	76-126	2	30
Trichloroethene	N.D.	0.001	0.005	mg/kg	101	99	81-114	1	30
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	86	84	78-119	2	30
Dibromomethane	N.D.	0.001	0.005	mg/kg	97	93	79-118	4	30
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	106	104	77-116	2	30
Toluene	N.D.	0.001	0.005	mg/kg	93	93	81-116	0	30
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	93	94	81-112	1	30
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	106	105	77-120	1	30
1,3-Dichloropropane	N.D.	0.001	0.005	mg/kg	90	90	80-115	1	30
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	104	104	80-113	0	30
1,2-Dibromoethane	N.D.	0.001	0.005	mg/kg	95	97	77-114	1	30
Chlorobenzene	N.D.	0.001	0.005	mg/kg	98	97	81-112	0	30
1,1,1,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	103	103	78-115	0	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	98	98	82-115	0	30
m+p-Xylene	N.D.	0.001	0.005	mg/kg	95	96	82-117	1	30
o-Xylene	N.D.	0.001	0.005	mg/kg	98	98	82-117	0	30

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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Styrene	N.D.	0.001	0.005	mg/kg	96	97	79-108	1	30
Bromoform	N.D.	0.001	0.005	mg/kg	97	97	63-120	0	30
Isopropylbenzene	N.D.	0.001	0.005	mg/kg	98	99	82-110	0	30
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	85	85	64-121	0	30
Bromobenzene	N.D.	0.001	0.005	mg/kg	100	99	84-109	0	30
1,2,3-Trichloropropane	N.D.	0.001	0.005	mg/kg	96	97	69-119	1	30
n-Propylbenzene	N.D.	0.001	0.005	mg/kg	95	94	76-122	1	30
2-Chlorotoluene	N.D.	0.001	0.005	mg/kg	93	94	73-114	0	30
1,3,5-Trimethylbenzene	N.D.	0.001	0.005	mg/kg	97	96	74-112	1	30
4-Chlorotoluene	N.D.	0.001	0.005	mg/kg	95	94	75-110	1	30
tert-Butylbenzene	N.D.	0.001	0.005	mg/kg	94	93	72-113	1	30
1,2,4-Trimethylbenzene	N.D.	0.001	0.005	mg/kg	99	98	74-117	1	30
sec-Butylbenzene	N.D.	0.001	0.005	mg/kg	95	94	66-120	1	30
p-Isopropyltoluene	N.D.	0.001	0.005	mg/kg	98	97	72-113	1	30
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98	97	76-112	0	30
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	97	97	78-108	0	30
n-Butylbenzene	N.D.	0.001	0.005	mg/kg	92	91	59-120	0	30
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	99	99	81-109	0	30
1,2-Dibromo-3-chloropropane	N.D.	0.002	0.005	mg/kg	79	82	58-127	3	30
1,2,4-Trichlorobenzene	N.D.	0.001	0.005	mg/kg	91	94	60-116	4	30
Hexachlorobutadiene	N.D.	0.002	0.005	mg/kg	105	102	33-136	3	30
Naphthalene	N.D.	0.001	0.005	mg/kg	85	88	62-116	3	30
1,2,3-Trichlorobenzene	N.D.	0.001	0.005	mg/kg	92	94	63-120	2	30
Ethanol	N.D.	0.10	0.50	mg/kg	108	105	48-149	3	30
Acetone	N.D.	0.007	0.020	mg/kg	88	87	18-200	1	30
Carbon Disulfide	N.D.	0.001	0.005	mg/kg	79	78	74-117	2	30
2-Butanone	N.D.	0.004	0.010	mg/kg	72	73	39-170	0	30
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	94	96	79-112	2	30
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	89	89	80-111	0	30
4-Methyl-2-pentanone	N.D.	0.003	0.010	mg/kg	76	75	51-141	1	30
2-Hexanone	N.D.	0.003	0.010	mg/kg	74	75	38-154	1	30
Freon 113	N.D.	0.002	0.010	mg/kg	84	80	68-121	4	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07292A33B	Sample number(s): 5190636,5190638 UNSPK: P184510								
TPH by NWTPH-Gx soils	84	84	39-118	0	30				
Batch number: 072930008A	Sample number(s): 5190633,5190636 BKG: P190632								
Diesel Range Organics						17.	N.D.	200* (1)	20
Heavy Range Organics						32.	N.D.	200* (1)	20
Batch number: 072930021A	Sample number(s): 5190648,5190650,5190658-5190659,5190668,5190670 BKG: 5190670								
Diesel Range Organics						230.	120.	65* (1)	20
Heavy Range Organics						N.D.	N.D.	0 (1)	20
Batch number: 072950014A	Sample number(s): 5190643,5190645,5190672,5190674 BKG: P190671								
Diesel Range Organics						N.D.	N.D.	0 (1)	20

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Heavy Range Organics						N.D.	N.D.	0 (1)	20
Batch number: 072950028A	Sample number(s): 5190647,5190677 BKG: P190646								
Diesel Range Organics						40.	160.	120*	20
Heavy Range Organics						16. J	25. J	42* (1)	20
Batch number: 07295SLB026	Sample number(s): 5190643-5190644,5190668-5190670 UNSPK: 5190643								
Naphthalene	-436 (2)	182 (2)	53-124	28	30				
2-Methylnaphthalene	-468 (2)	2123 (2)	60-120	45*	30				
Acenaphthylene	77	75	57-112	3	30				
Acenaphthene	51	53	36-139	2	30				
Fluorene	63	74	61-124	5	30				
Phenanthrene	49	73	38-148	14	30				
Anthracene	52*	44*	67-114	14	30				
Fluoranthene	65	67	24-154	3	30				
Pyrene	60	64	25-175	6	30				
Benzo(a)anthracene	64	66	62-130	3	30				
Chrysene	63	67	61-128	5	30				
Benzo(b)fluoranthene	60	65	50-140	7	30				
Benzo(k)fluoranthene	59	60	56-132	1	30				
Benzo(a)pyrene	60	63	29-153	5	30				
Indeno(1,2,3-cd)pyrene	62	65	55-135	4	30				
Dibenz(a,h)anthracene	62	64	39-130	3	30				
Benzo(g,h,i)perylene	62	65	46-138	4	30				
Batch number: 07297A07A	Sample number(s): 5190652-5190656,5190661,5190666-5190667 UNSPK: 5190655								
TPH by NWTPH-Gx waters	113		63-154						
Batch number: 07303A02A	Sample number(s): 5190633,5190644-5190645,5190650,5190658-5190659,5190668,5190672,5190674,5190677 UNSPK: P190861								
TPH by NWTPH-Gx soils	90	81	39-118	11	30				
TPH by NWTPH-Gx soils	90	81	39-118	11	30				
Benzene	83	90	52-135	8	30				
Toluene	74	80	59-129	8	30				
Ethylbenzene	78	85	56-132	9	30				
Total Xylenes	79	85	54-134	8	30				
Batch number: 07303A02B	Sample number(s): 5190643,5190647-5190648 UNSPK: P190861								
TPH by NWTPH-Gx soils	90	81	39-118	11	30				
Batch number: 073046050001A	Sample number(s): 5190640-5190641,5190652 UNSPK: 5190652 BKG: 5190652								
Lead	106	106	75-125	0	20	N.D.	N.D.	0 (1)	20
Batch number: 073056050002A	Sample number(s): 5190654-5190655,5190661-5190662,5190666 UNSPK: P199848 BKG: P199848								
Lead	102	102	75-125	0	20	0.17 J	0.17 J	4 (1)	20
Batch number: 073056150001A	Sample number(s): 5190643-5190644,5190668-5190670 UNSPK: P200516 BKG: P200516								
Lead	2224 (2)	8107 (2)	75-125	6	20	1,380.	1,450.	5	20

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Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: A073031AA	Sample number(s): 5190672,5190681,5190684 UNSPK: 5190672								
Benzene	139*		66-112						
Toluene	177*		50-121						
Ethylbenzene	176*		54-116						
Xylene (Total)	239*		52-117						
Batch number: R073031AA	Sample number(s): 5190674,5190677 UNSPK: P188236								
Benzene	72	62*	66-112	14	30				
Toluene	78	67	50-121	15	30				
Ethylbenzene	79	66	54-116	16	30				
Xylene (Total)	80	67	52-117	17	30				
Batch number: W073001AA	Sample number(s): 5190652,5190654-5190656,5190661-5190662,5190666 UNSPK: 5190655								
Ethanol	104	102	32-164	2	30				
Methyl Tertiary Butyl Ether	110	109	69-127	1	30				
di-Isopropyl ether	121	120	68-129	1	30				
Ethyl t-butyl ether	117	117	78-119	0	30				
t-Amyl methyl ether	112	113	72-125	1	30				
t-Butyl alcohol	111	105	70-121	5	30				
Dichlorodifluoromethane	140	143	41-149	2	30				
Chloromethane	127	133	47-133	5	30				
Vinyl Chloride	120	124	55-130	3	30				
Bromomethane	94	97	52-129	3	30				
Chloroethane	107	110	57-130	3	30				
Trichlorofluoromethane	133	134	67-150	1	30				
1,1-Dichloroethene	120	122	87-145	2	30				
Methylene Chloride	117	116	79-133	0	30				
trans-1,2-Dichloroethene	118	118	82-133	0	30				
1,1-Dichloroethane	130	126	85-135	3	30				
2,2-Dichloropropane	121	122	79-146	1	30				
cis-1,2-Dichloroethene	116	115	83-126	2	30				
Chloroform	122	118	83-139	3	30				
Bromochloromethane	109	108	82-129	1	30				
1,1,1-Trichloroethane	125	126	81-142	1	30				
Carbon Tetrachloride	124	125	82-149	1	30				
1,1-Dichloropropene	129	128	86-134	1	30				
Benzene	125	123	83-128	1	30				
1,2-Dichloroethane	123	121	70-143	1	30				
Trichloroethene	120	118	83-136	2	30				
1,2-Dichloropropane	122	122	83-129	0	30				
Dibromomethane	109	110	82-128	1	30				
Bromodichloromethane	115	116	80-137	0	30				
Toluene	120	119	83-127	1	30				
1,1,2-Trichloroethane	109	110	77-125	1	30				
Tetrachloroethene	117	116	78-133	1	30				
1,3-Dichloropropane	113	113	82-121	0	30				
Dibromochloromethane	109	106	82-119	2	30				
1,2-Dibromoethane	109	107	78-120	2	30				
Chlorobenzene	115	116	83-120	1	30				
1,1,1,2-Tetrachloroethane	109	106	83-119	3	30				
Ethylbenzene	119	117	82-129	1	30				
m+p-Xylene	118	117	82-130	0	30				
o-Xylene	116	113	82-130	2	30				

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Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Styrene	110	110	69-131	0	30				
Bromoform	90	88	64-119	2	30				
Isopropylbenzene	118	117	81-130	1	30				
1,1,2,2-Tetrachloroethane	106	106	73-121	0	30				
Bromobenzene	112	111	83-121	1	30				
1,2,3-Trichloropropane	111	109	73-125	2	30				
n-Propylbenzene	131	128	74-138	2	30				
2-Chlorotoluene	120	119	78-121	1	30				
1,3,5-Trimethylbenzene	122	121	77-124	0	30				
4-Chlorotoluene	118	119	81-123	1	30				
tert-Butylbenzene	124	122	76-128	2	30				
1,2,4-Trimethylbenzene	122	120	80-125	2	30				
sec-Butylbenzene	129	127	73-137	1	30				
p-Isopropyltoluene	125	125	72-128	0	30				
1,3-Dichlorobenzene	116	115	79-123	1	30				
1,4-Dichlorobenzene	114	114	81-122	0	30				
n-Butylbenzene	127	125	73-134	2	30				
1,2-Dichlorobenzene	114	114	82-117	0	30				
1,2-Dibromo-3-chloropropane	101	101	52-137	1	30				
1,2,4-Trichlorobenzene	106	104	60-121	2	30				
Hexachlorobutadiene	108	105	51-135	3	30				
Naphthalene	102	102	57-125	0	30				
1,2,3-Trichlorobenzene	106	106	65-127	0	30				
Acetone	111	115	48-143	4	30				
Carbon Disulfide	121	119	74-135	2	30				
2-Butanone	104	105	57-137	0	30				
trans-1,3-Dichloropropene	110	108	77-123	1	30				
cis-1,3-Dichloropropene	116	114	80-126	1	30				
4-Methyl-2-pentanone	105	105	68-133	1	30				
2-Hexanone	103	102	60-135	1	30				
2-Chloroethyl Vinyl Ether	14	0*	1-156	200*	30				
Freon 113	142	140	78-146	2	30				
Batch number: W073011AA	Sample number(s): 5190667 UNSPK: 5190667								
Ethanol	95	93	32-164	2	30				
Methyl Tertiary Butyl Ether	100	101	69-127	0	30				
di-Isopropyl ether	107	108	68-129	1	30				
Ethyl t-butyl ether	106	108	78-119	2	30				
t-Amyl methyl ether	104	106	72-125	1	30				
t-Butyl alcohol	109	110	70-121	0	30				
Dichlorodifluoromethane	125	119	41-149	5	30				
Chloromethane	113	115	47-133	1	30				
Vinyl Chloride	110	106	55-130	3	30				
Bromomethane	87	95	52-129	9	30				
Chloroethane	98	90	57-130	8	30				
Trichlorofluoromethane	120	116	67-150	4	30				
1,1-Dichloroethene	113	113	87-145	0	30				
Methylene Chloride	111	113	79-133	2	30				
trans-1,2-Dichloroethene	109	112	82-133	2	30				
1,1-Dichloroethane	117	118	85-135	2	30				
2,2-Dichloropropane	111	112	79-146	0	30				
cis-1,2-Dichloroethene	107	109	83-126	1	30				
Chloroform	112	113	83-139	1	30				

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromochloromethane	106	106	82-129	1	30				
1,1,1-Trichloroethane	114	116	81-142	2	30				
Carbon Tetrachloride	113	115	82-149	1	30				
1,1-Dichloropropene	121	118	86-134	3	30				
Benzene	109	116	83-128	3	30				
1,2-Dichloroethane	148*	151*	70-143	2	30				
Trichloroethene	113	114	83-136	1	30				
1,2-Dichloropropane	117	117	83-129	0	30				
Dibromomethane	101	102	82-128	0	30				
Bromodichloromethane	108	110	80-137	2	30				
Toluene	113	114	83-127	0	30				
1,1,2-Trichloroethane	143*	145*	77-125	2	30				
Tetrachloroethene	114	116	78-133	1	30				
1,3-Dichloropropane	106	106	82-121	1	30				
Dibromochloromethane	104	105	82-119	1	30				
1,2-Dibromoethane	104	104	78-120	0	30				
Chlorobenzene	112	111	83-120	0	30				
1,1,1,2-Tetrachloroethane	105	106	83-119	1	30				
Ethylbenzene	115	117	82-129	1	30				
m+p-Xylene	108 (2)	113 (2)	82-130	1	30				
o-Xylene	111 (2)	118 (2)	82-130	1	30				
Styrene	122	122	69-131	0	30				
Bromoform	90	89	64-119	0	30				
Isopropylbenzene	117	114	81-130	1	30				
1,1,2,2-Tetrachloroethane	103	106	73-121	3	30				
Bromobenzene	109	112	83-121	3	30				
1,2,3-Trichloropropane	106	108	73-125	2	30				
n-Propylbenzene	128	125	74-138	1	30				
2-Chlorotoluene	122*	124*	78-121	2	30				
1,3,5-Trimethylbenzene	124	121	77-124	1	30				
4-Chlorotoluene	119	117	81-123	2	30				
tert-Butylbenzene	124	122	76-128	1	30				
1,2,4-Trimethylbenzene	135 (2)	126 (2)	80-125	1	30				
sec-Butylbenzene	127	125	73-137	1	30				
p-Isopropyltoluene	124	123	72-128	1	30				
1,3-Dichlorobenzene	112	113	79-123	0	30				
1,4-Dichlorobenzene	111	112	81-122	0	30				
n-Butylbenzene	124	122	73-134	1	30				
1,2-Dichlorobenzene	110	112	82-117	1	30				
1,2-Dibromo-3-chloropropane	105	103	52-137	2	30				
1,2,4-Trichlorobenzene	107	107	60-121	0	30				
Hexachlorobutadiene	103	100	51-135	3	30				
Naphthalene	109	109	57-125	0	30				
1,2,3-Trichlorobenzene	108	104	65-127	3	30				
Acetone	96	94	48-143	2	30				
Carbon Disulfide	109	114	74-135	4	30				
2-Butanone	92	94	57-137	3	30				
trans-1,3-Dichloropropene	103	103	77-123	0	30				
cis-1,3-Dichloropropene	107	108	80-126	1	30				
4-Methyl-2-pentanone	95	97	68-133	3	30				
2-Hexanone	95	97	60-135	1	30				
2-Chloroethyl Vinyl Ether	0*	0*	1-156	0	30				
Freon 113	132	133	78-146	1	30				

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Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: X072971AA	Sample number(s): 5190668 UNSPK: P187671								
Methyl Tertiary Butyl Ether	106		59-119						
di-Isopropyl ether	84		58-113						
Ethyl t-butyl ether	105		60-112						
t-Amyl methyl ether	114*		63-112						
t-Butyl alcohol	121		51-134						
Dichlorodifluoromethane	150*		19-107						
Chloromethane	108		38-115						
Vinyl Chloride	109*		41-104						
Bromomethane	122*		50-114						
Chloroethane	112		52-114						
Trichlorofluoromethane	155*		39-122						
1,1-Dichloroethene	117		64-118						
Methylene Chloride	87		50-127						
trans-1,2-Dichloroethene	112*		60-110						
1,1-Dichloroethane	105		65-115						
2,2-Dichloropropane	132*		64-115						
cis-1,2-Dichloroethene	107		67-110						
Chloroform	124*		69-117						
Bromochloromethane	108		72-114						
1,1,1-Trichloroethane	138*		64-118						
Carbon Tetrachloride	144*		56-120						
1,1-Dichloropropene	112		57-114						
Benzene	105		66-112						
1,2-Dichloroethane	132*		62-130						
Trichloroethene	122		48-131						
1,2-Dichloropropane	95		64-112						
Dibromomethane	110		69-113						
Bromodichloromethane	123*		66-119						
Toluene	106		50-121						
1,1,2-Trichloroethane	103		64-118						
Tetrachloroethene	127		40-140						
1,3-Dichloropropane	99		66-110						
Dibromochloromethane	118*		67-113						
1,2-Dibromoethane	106		66-108						
Chlorobenzene	109		58-109						
1,1,1,2-Tetrachloroethane	117*		67-110						
Ethylbenzene	111		54-116						
m+p-Xylene	109		52-117						
o-Xylene	111		52-117						
Styrene	72		48-111						
Bromoform	108		54-114						
Isopropylbenzene	115		41-120						
1,1,2,2-Tetrachloroethane	90		37-142						
Bromobenzene	112*		64-110						
1,2,3-Trichloropropane	108		57-131						
n-Propylbenzene	110		54-119						
2-Chlorotoluene	106		53-113						
1,3,5-Trimethylbenzene	111		52-117						
4-Chlorotoluene	107		52-113						
tert-Butylbenzene	109		44-118						
1,2,4-Trimethylbenzene	108		47-122						

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Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
sec-Butylbenzene	112		38-124						
p-Isopropyltoluene	113		43-117						
1,3-Dichlorobenzene	110*		47-109						
1,4-Dichlorobenzene	109		47-109						
n-Butylbenzene	109		35-120						
1,2-Dichlorobenzene	110		50-111						
1,2-Dibromo-3-chloropropane	87		39-128						
1,2,4-Trichlorobenzene	99		11-121						
Hexachlorobutadiene	125		10-132						
Naphthalene	84		10-123						
1,2,3-Trichlorobenzene	100		17-124						
Ethanol	115		35-148						
Acetone	89		25-200						
Carbon Disulfide	97		51-114						
2-Butanone	75		47-148						
trans-1,3-Dichloropropene	106		60-110						
cis-1,3-Dichloropropene	100		56-112						
4-Methyl-2-pentanone	79		49-124						
2-Hexanone	77		44-139						
Freon 113	112		47-115						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07292A33B

	Trifluorotoluene-F
5190636	1*
5190638	1*
Blank	98
LCS	105
MS	96
MSD	86
Limits:	61-122

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072930008A

	Orthoterphenyl
5190633	103
5190636	114
Blank	115
DUP	118
LCS	130
Limits:	50-150

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072930021A

	Orthoterphenyl
5190648	118
5190650	108
5190658	94
5190659	105
5190668	100
5190670	116
Blank	105
DUP	116
LCS	113
Limits:	50-150

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 072950004A

	Orthoterphenyl
5190651	124
5190652	123
5190654	133
5190655	108
5190661	106
5190662	122
5190664	126
5190665	131
Blank	113
LCS	129
LCSD	133
Limits:	50-150

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072950014A

	Orthoterphenyl
5190643	103
5190645	96
5190672	105
5190674	99
Blank	101
DUP	94
LCS	104
Limits:	50-150

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072950028A

	Orthoterphenyl
5190647	79
5190677	89
Blank	95
DUP	80
LCS	99

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Surrogate Quality Control

Limits:	50-150		
Analysis Name: Selected SVOA's in soil by SIM			
Batch number: 07295SLB026			
	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5190643	887*	48	64
5190644	34*	11*	11*
5190668	74	96	138
5190669	431*	94	92
5190670	180*	75	88
Blank	92	96	106
LCS	102	98	104
MS	427*	58	68
MSD	770*	51	70
Limits:	51-143	48-122	51-155
Analysis Name: Selected SVOAs by 8270 SIM			
Batch number: 07295WAF026			
	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5190651	107	95	103
5190652	120	93	97
5190654	107	85	89
5190661	99	90	84
5190662	116	94	101
5190663	155*	89	96
5190665	130	71	96
Blank	104	102	104
LCS	105	102	102
LCSD	103	100	101
Limits:	50-153	52-132	58-141
Analysis Name: TPH by NWTPH-Gx waters			
Batch number: 07297A07A			
	Trifluorotoluene-F		
5190652	99		
5190653	98		
5190654	98		
5190655	95		
5190656	99		
5190661	98		
5190666	102		
5190667	103		
Blank	101		
LCS	104		
LCSD	102		
MS	104		
Limits:	63-135		
Analysis Name: TPH by NWTPH-Gx soils			
Batch number: 07303A02A			
	Trifluorotoluene-F	Trifluorotoluene-P	

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Surrogate Quality Control

5190633	79			
5190644	14*			
5190645	1*			
5190650	72	81		
5190658	79			
5190659	79			
5190668	78			
5190672	75			
5190674	77			
5190677	83			
Blank	88	97		
LCS	101	98		
MS	97	88		
MSD	78	90		
Limits:	61-122	55-124		

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07303A02B

	Trifluorotoluene-F	Trifluorotoluene-P
5190643	21*	
5190647	8*	
5190648	10*	
Blank	89	
LCS	101	98
MS	97	88
MSD	78	90
Limits:	61-122	55-124

Analysis Name: BTEX+MTBE by 8260B
Batch number: A073031AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190672	27*	22*	255*	35*
5190681	27*	26*	249*	35*
5190684	56*	26*	222*	39*
Blank	94	103	91	87
LCS	95	100	93	90
LCSD	95	100	93	89
MS	51*	40*	460*	66*
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (soil)
Batch number: Q072981AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190633	97	88	86	96
5190636	94	85	115	96
5190638	96	91	91	106
5190643	97	91	89	101
5190645	104	97	105	108
5190647	108	99	101	108
Blank	99	91	90	93
LCS	102	95	94	102

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Surrogate Quality Control

LCSD	96	90	89	97
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (soil)
Batch number: Q072982AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190644	96	88	80	99
5190680	113	105	113	110
Blank	104	100	97	99
LCS	108	102	100	105
LCSD	109	103	101	106
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: R073031AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190674	101	101	99	97
5190677	101	100	97	94
Blank	99	102	98	93
LCS	93	95	92	92
MS	89	91	88	92
MSD	88	91	87	88
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)
Batch number: W073001AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190652	94	95	100	95
5190654	95	97	99	94
5190655	96	97	100	94
5190656	95	97	99	96
5190661	96	95	99	94
5190662	97	96	99	94
5190666	97	98	99	94
Blank	97	97	100	94
LCS	96	97	100	95
MS	97	96	99	93
MSD	96	97	98	95
Limits:	80-116	77-113	80-113	78-113

Analysis Name: EPA SW846/8260 (water)
Batch number: W073011AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190667	94	97	101	94
Blank	95	97	100	93
LCS	95	96	100	94
MS	95	99	101	94
MSD	96	97	99	93
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1061924
Reported: 12/18/07 at 08:00 AM

Surrogate Quality Control

Analysis Name: EPA SW846/8260 (soil)
Batch number: X072971AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5190668	101	88	86	83
Blank	97	87	88	83
LCS	96	88	90	90
LCSD	95	87	91	90
MS	98	88	90	91
Limits:	71-114	70-109	70-123	70-111

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

A#12094
G#1061924
S#5190632-85

Megan A. Moeller

From: Lunde, Ashley [alunde@ensr.aecom.com]
Sent: Monday, October 22, 2007 8:30 PM
To: Megan A. Moeller
Cc: Lance, Donald
Subject: Chevron Site No. 1001152 Tekoa, WA

Megan,

I put together the following list of which soil samples we would actually like analyzed and for what. I think that we should have all of the appropriate sample containers submitted for each of these sample with the three possible exceptions noted.

Sample ID	BETX (8021B), NWTPH-Gx, NW-TPH-Dx	VOCs (8260B), NWTPH-Gx, NWTPH-Dx, PAHs (8270 SIM), Pb (7420)	Possible Missing Sample Bottles
1001152-SB1-6-7-101507	X		
1001152-SB2-7.5-8-101507		X	
1001152-SB3-5.10-6.4-101607	X		
1001152-SB4-6-7-101507		X	
1001152-SB5-6-6.5-101707	X		
1001152-SB6-6-6.5-101607	X		
1001152-SB7-6-6.5-101707		X	1 Sodium Bisulfate?
1001152-SB8-6-7-101607	X		
1001152-SB9-3-4-101707	X		
1001152-SB9-6-6.5-101707		X	1 Sodium Bisulfate?
1001152-SB10-6-6.5-101707	X		
1001152-SB11-5.8-6.2-101607	X		
1001152-SB12-6-6.4-101607	X		
1001152-SB13-6-6.5-101607		X	1 Sodium Bisulfate?
1001151-SB14-6-6.5-101607	X		

Is is possible the run the analyses without that second sodium bisulfate bottle?

You mentioned that there were a couple of samples that had only sodium bisulfate VOAs submitted (no methanols). One of the field staff thought that they submitted two methanol preserved VOAs for each soil sample. Are you sure we are missing those? If so, we will have to rework the list above but if there is any way to get these out of the bottles you have that would be great.

What we would like for groundwater are the following analyses for each of the eight submitted samples:

- VOCs (8260B)
- NWTPH-Gx
- NWTPH-Dx
- PAHs (8270 SIM)
- Dissolved Lead (6020)
- EDB (8011)

I know that the correct sample bottles were not submitted for the 8011 analysis, is there any way to extract this from the HCL preserved VOAs? The 8260B reporting limit is greater than Washington cleanup levels so the

lowest reporting limit we could get would be great.

Please do not analyze any further submitted samples that are not listed above. Sorry about all of the confusion and thanks for all of your help and willingness to pause these samples. Please give me or Don Lance a call on the morning to confirm this and let me know any further questions you have. Thanks,

Ashley Lunde
Staff Specialist II

ENSR
9521 Willows Road NE
Redmond, WA 98052-3422
Tel (425) 881-7700, ext. 158
Fax (425) 883-4473
Cell (425) 591-3318
alunde@ensr.aecom.com

Chevron Northwest Region Analysis Request/Chain of Custody

220605

Lancaster Laboratories
Where quality is a science.

Acct. #: 12094 For Lancaster Laboratories use only Sample #: 5190632-85 SCR#:

C# 1061924

Facility #: 1001152
Site Address: TUKWILA, WA
Chevron PM: Mark Inglis Lead Consultant: ENSR
Consultant/Office: Redmond, WA
Consultant Prj. Mgr.: Mike Micheals
Consultant Phone #: 425-881-7700 Fax #:
Sampler: K. Nichols / K. Kozlowska
Service Order #: ☐ Non SAR:

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	Analyses Requested: BTEX + MTBE 8021 ☐ 8260 ☒ Naphth ☐	8260 full scan	Oxygenates ____	TPH G X	TPH D NW Extended Rng. Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method ____	VPH/EPH	NWTPH HCID ☐ quantification	Preservation Codes
1001152-SB-1-3-4-101507	10.15.07	1557			X			3	3				2				
1001152 SB-1-6-7-101507		1604			X			4	2				2				
1001152-SB-3-3-4-101507		1519			X			2	4				2				
1001152 SB-2-6-7-101507		1436			X			2	4				2				
1001152-SB-2-5-8 101507		1446			X				3			1	2				
1001152-SB-2-3-4-101507		1420			X				4				2				
1001152 SB-4-6-7-101507		1713			X				3			1					
1001152 SB-4 3-3.5 101507	↓	1700			X				2								
SB-																	

Comments / Remarks
8260 - ALL SAMPLES marked 8260 MUST full SCAN!

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

	Date	Time		Date	Time
Relinquished by: K.L. Nichols	10.18.07	1113	Received by:	10/18/07	1115 AM
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by: Sheila R Moyer	10-19-07	0915
Temperature Upon Receipt 1.3 C°			Custody Seals Intact? Yes No		

3468 Rev. 8/6/01

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Chevron Northwest Region Analysis Request/Chain of Custody

220604

Lancaster Laboratories
Where quality is a science.

Acct. #: 12094 For Lancaster Laboratories use only Sample #: 5190632-85 SCR#:

C# 1061924

Facility #: 1001152
Site Address: Tekoa, WA
Chevron PM: Mark Inglis Lead Consultant: ENSR/AECOM
Consultant/Office: Redmond, WA
Consultant Prj. Mgr.: Mike Michaelis
Consultant Phone #: 425 881 7700 Fax #:
Sampler: K. Nichols / K. Kozlowska
Service Order #: ☐ Non SAR:

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	Analyses Requested / Preservation Codes: BTEX + MTBE 8021 ☐ 8260 ☒ Naphth ☐	8260 full scan	Oxygenates ___	NW TPH G X	NW TPH D ☒ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☒ Diss. ☒ Method 6020	VPH/EPH	NWTPH H HCID ☐ quantification	SIM	
						Potable ☐ NPDES ☐			H/O			H	H	O			O	
1001152-TMW2-101707	10.17.07	1640				X		1						X				
1001152-TMW5-101707	"	1505				X		1						X				
1001152-SB7-3-4-101707	"	0843			X			3	X				X					
1001152-SB7-6-6.5-101707	"	0848			X			3	X				X				X	
1001152-SB9-6-6.5-101707	"	0829			X			4	X								X	
1001152-SB9-3-4-101707	"	0823			X			3	X				X					
1001152-SB5-3-4-101707	"	0916			X			3	X				X					
1001152-SB5-6-6.5-101707	"	0921			X			3	X				X					
1001152-SB10-6-6.5-101707	10.16.07	1553			X			1					X					
1001152-SB6-3-4-101607	"	1622			X			1					X					
1001152-SB8-6-7-101607	"	1634			X			1					X					

Comments / Remarks
All samples marked 8260 are full scan!

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

	Date	Time		Date	Time
Relinquished by: K. Nichols	10.18.07	1050	Received by:	10/18	10:55 AM
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	10.19.07	0915
Temperature Upon Receipt 1.3-5.3°			Custody Seals Intact? Yes No		

3468 Rev. 8/6/01

Chevron Northwest Region Analysis Request/Chain of Custody

220613

Lancaster Laboratories
Where quality is a science.

Acct. #: 12094 For Lancaster Laboratories use only Sample #: 5190630-35 SCR#:

C# 1061924

Facility #: 1001152
Site Address: TELCA, WA
Chevron PM: MARK INGLIS Lead Consultant: ENSR/AECOM
Consultant/Office: Redmond, WA
Consultant Prj. Mgr.: MIKE MICHAELIS
Consultant Phone #: 425.881.7700 Fax #:
Sampler: K. NICHOLS / K. KOZLOWSKA
Service Order #: ☐ Non SAR:

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☒ Naphth ☐	8260 full scan	Oxygenates ___	NW TPH G (H)	NW TPH D (H) Extended Rng. ☒ Silica Gel Cleanup ☐	Lead Total (O) Diss. ☒ Method Pb 7420	VPH/EPH	NWTPH H HCID ☐ quantification	Si'M (O)			
1001152-tmw5-101707	10.17.07	1505				X								2				2			
1001152-tmw4-101707	"	1435				X				3			3	2	1			2			
1001152-tmw6-101707	"	1355				X							3								

Comments / Remarks
All samples marked 8260 are full scan!

Turnaround Time Requested (TAT) (please circle)
~~STD. TAT~~ 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

	Date	Time		Date	Time
Relinquished by: K. Nichols	10.18.07	1040	Received by:	10/18	10:45AM
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by:	Date 10-19-07	Time 0915
Temperature Upon Receipt 1.3-5.3°C			Custody Seals Intact? Yes No		

3468 Rev. 8/6/01

Chevron Northwest Region Analysis Request/Chain of Custody

220612

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 12094 Sample #: 5190632-85 SCR#: 50113

C# 10061924

Facility #: 1001152
Site Address: TEKOA, WA
Chevron PM: Mark Inglis Lead Consultant: ENSR
Consultant/Office: Redmond, WA
Consultant Prj. Mgr.: Mike Michaelis
Consultant Phone #: 425.881.7700 Fax #:
Sampler: K NICHOLS / K. KOZLOWSKA
Service Order #: Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Total Number of Containers	Analyses Requested / Preservation Codes: BTEX + MTBE 8021 8260 Naphth	8260 full scan	Oxygenates	TPH GX	TPH D Extended Rng. Silica Gel Cleanup	Lead Total Diss.	Method 6020	VPH/EPH	NWTPH HCID quantification	SIM
1001152-TMW-3-101707	10/17/07	1600				X			11	3			3	2	1				2
1001152-TMW-1-101707	"	1540				X			8	3			3	1	1				
1001152-TMW5-101707	"	1505				X			6	3			3						
1001152-SB-10-3.4-101607	10/16/07	1545			X				1					1					
1001152-SB3-5.10-6.4-101607	"	1518			X				1					1					
1001152-SB14-6-6.5-101607	"	1212			X				1					1					
1001152-SB14-3-3.5-101607	"	1215			X				1					1					

Matrix: Potable ☐ NPDES ☐

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks
All samples marked 8260 are full scan!

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

	Date	Time		Date	Time
Relinquished by:	10/18/07	1400	Received by:	10/18/07	1400
Relinquished by:	10/18/07	1130	Received by:	10/18/07	1130 PM
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	10-19-07	0915

Temperature Upon Receipt 1.3-5.3°
Custody Seals Intact? Yes No

3468 Rev. 8/6/01

Chevron Northwest Region Analysis Request/Chain of Custody

220614

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 12094 Sample #: 5190632-85 SCR#:

GT# 1061924

Facility #: 1001152
Site Address: TEKOA, WA
Chevron PM: Mark Inglis Lead Consultant: ENSR/AECOM
Consultant/Office: Redmond, WA
Consultant Prj. Mgr.: Mike Michaelis
Consultant Phone #: 425.881-7700 Fax #:
Sampler: K. Nichols / K. Kozlowska
Service Order #: ☐ Non SAR:

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable ☐ NPDES ☐)	Matrix: Oil ☐ Air ☐	Total Number of Containers	Analyses Requested: Preservation Codes	BTEX + MTBE 8021 ☐ 8260 ☒ Naphth ☐	8260 full scan	Oxygenates	TPH G ☒	TPH D ☒ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☒ Diss. ☒ Method 6020	VPH/EPH	NWTPH H HCID ☐ quantification	PSH				
									#O					H	O			O				
1001152-tmw-7-101707	10.17.07	1325				X		11		3			3	2	1			2				
1001152-tmw-6-101707	11	1355				X		8		3				2	1			2				

Comments / Remarks
All samples marked 8260 are to be run for the full scan!

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

	Date	Time		Date	Time
Relinquished by: K. L. Nichols	10.18.07	1118	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	10-19-07	0915
Temperature Upon Receipt 1.3-5.3°			Custody Seals Intact? Yes No		

3468 Rev. 8/6/01

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 12094 Sample #: 5190632-85 SCR#: 220602 49952

C# 1061924

Facility #: 1001152
Site Address: TEKOA, WA
Chevron PM: Mark Inglis Lead Consultant: ENSR/AECOM
Consultant/Office: Redmond, WA
Consultant Prj. Mgr.: Mike MICHAELIS
Consultant Phone #: 425.881.7700 Fax #:
Sampler: K. KOZLOWSKA / K. NICHOLS
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water (Potable ☐ NPDES ☐)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☒ Naphth ☐	8260 full scan	Oxygenates	NW TPH G X	NW TPH D Extended Rng. ☒ Silica Gel Cleanup ☐	Lead Total ☐ Diss. ☒ Method 6020	VPH/EPH	NWTPH H HCID ☐ quantification	STM
1001152-TMW-2-101707	10.17.07	1640				X		1									X
1001152-TMW2-101707	10.17.07	1640				X		2					X				
1001152-TMW-8-101707	10.17.07	1710				X		4					2				2
1001152-TMW-8-1017-07	10.17.07	1710				X		7	3			3		1			
1001152-TMW-2-101707	10.17.07	1640				X		7	3			3		1			

KW 10-17-07

Analyses Requested

Preservation Codes

H # O O

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks
All samples marked 8260 are full scan!

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

	Date	Time
Relinquished by:	10-11-07	1310
Relinquished by: K. Kozlowska	10.8.07	1040
Relinquished by:		
Relinquished by Commercial Carrier: UPS FedEx Other		
Temperature Upon Receipt 1.3-5.3 C°		

	Date	Time
Received by:	10.14.07	
Received by:	10/18/07	10:45AM
Received by:		
Received by:	10-19-07	0915
Custody Seals Intact? Yes No		

3468 Rev. 8/6/01

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

QUALITY • INTEGRITY • SERVICE

☐ e-Lab Analytical, Inc.
10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887
Lancaster Laboratories

☐ e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185
Lancaster Laboratories

Chain of Custody Form

acct# 12094 Cup# 1061924

Page 1 of 2

sample# 5190632-55

e-Lab Project Manager:		e-Lab Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Tekoa, WA	A	BTEX + MTBE 8260
Work Order		Project Number	1001152	B	8260 full scan
Company Name	ENSR/AECOM	Bill To Company		C	NWTPH Dx Extended Rng
Send Report To	Mike Michaelis	Invoice Attn		D	Lead Diss ; Total Method 6020
Address		Address	9521 Willows Rd NE Redmond, WA	E	~~SIM~~ SIM
City/State/Zip		City/State/Zip		F	
Phone		Phone	425 881 7700	G	
Fax		Fax		H	
e-Mail Address	mmechaelis@ensr.aecom.com	e-Mail Address		I	
				J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	1001152-SB-13-6-6.5-101607	10.16.07	1121	soil	✓	6	X	X	X		X						
2	1001152-SB-2-7.5-8-101507	10.15.07	1446	"	✓	1					X						
3	1001152-SB-4-6-7-101507	10.15.07	1713	"	✓	3			X		X						
4	1001152-SB-13-3-4-101607	10.16.07	1106	"	✓	3	X		X								
5	1001152-SB-12-6-6.4-101607	10.16.07	0944	"	✓	2	X		X								
6	1001152-SB-6-2.8-3.4-101607	10.16.07	0833	"	✓	3	X		X								
7	1001152-SB6-6-6.5-101607	10.16.07	0842	"	✓	3	X		X								
8	1001152-SB12-3-3.6-101607	10.16.07	0933	"	✓	4	X		X								
9	1001152-SB11-3-3.8-101607	10.16.07	1023	"	✓	3	X		X								
10	1001152-SB11-5.8-6.2-101607	10.16.07	1037	"	✓	3	X		X								

Sampler(s) Please Print & Sign	Shipment Method	Required Turnaround Time: (Check Box)	Results Due Date:
K. Nichols	Fed Ex Air	STD	

Relinquished by:	Date:	Time:	Received by:	Notes:
K. Nichols	10-18-07	1130		
Relinquished by:	Date:	Time:	Received by (Laboratory):	
	10-19-07	0915		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-lab Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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☐ e-Lab Analytical, Inc.
10450 Stancliff Rd. #210
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(Tel) 281.530.5656
(Fax) 281.530.5887

Lancaster Laboratories acct#120941 Cup#1061924 Sample#5190632-85

Chain of Custody Form

Page 2 of 2

☐ e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Lancaster Laboratories

e-Lab Project Manager:		e-Lab Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Tekoa, WA	A	BTEX + MTBE 8260
Work Order		Project Number	1001152	B	8260 full scan
Company Name	ENSR/AECOM	Bill To Company		C	NWTPH-Dx Extended Rng
Send Report To	Mike Mechaelis	Invoice Attn		D	Lead Diss, Total Method 6020
Address	SAME	Address	9521 Willows Rd NE Redmond, WA	E	SIM
City/State/Zip		City/State/Zip		F	
Phone		Phone	425 881 7700	G	
Fax		Fax		H	
e-Mail Address		e-Mail Address		I	
				J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	1001152-SB-4-3-3.5-10507	10.15.07	1700	soil	✓	2			X								
2	1001152-SB9-6-7-101607	10.16.07	1634	"	✓	3	X										
3	1001152-SB10-6-6.5-101507	10.15.07	1553	"	✓	3	X	X									
4	1001152-SB14-6-6.5-101607	10.16.07	1220	"	✓	2	X										
5	1001152-SB9-3-4-101607	10.16.07	1622	"	✓	1	X										
6	1001152-SB14-3-3.5-101607	10.16.07	1215	"	✓	2	X										
7	1001152-SB3-5.10-6.4-10.1607	10.1607	1518	"	✓	2	X										
8	1001152-SB10-3-4-101607	10.16.07	1545	"	✓	2	X										
9																	
10																	

Sampler(s) Please Print & Sign	Shipment Method	Required Turnaround Time: (Check Box)	Results Due Date:
K Nichols	FedEx Air	Std	

Relinquished by:	Date:	Time:	Received by:	Notes:
K Nichols	10.18.07	1130		
Relinquished by:	Date:	Time:	Received by (Laboratory):	
	10-19-07	0915	Shirley Moyer	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-lab Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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