



ASSOCIATED
ENVIRONMENTAL
GROUP, LLC

Final Cleanup Report for Former Restover Truck Stop

Conducted on:

Restover Truck Stop

2725 – 93rd Avenue Southwest
Olympia, Washington 98512-9132
Facility Site ID: 244
VCP ID: SW1426

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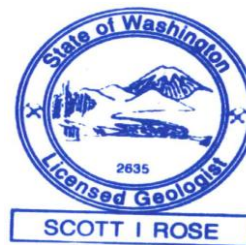
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1.0 INTRODUCTION

Associated Environmental Group, LLC (AEG) has completed a Remedial Action at the former Restover Truck Stop, located at 2725 – 93rd Avenue Southwest in Olympia, Washington (Site). The Remedial Action consisted of removing five underground storage tanks (USTs), excavating petroleum-contaminated soil (PCS), transporting/disposing of PCS at an approved off-Site facility, treating the groundwater, and backfilling the excavation once clearance samples were obtained.

1.1 Site and Vicinity Area Background

The Site is located southwest of the intersection between 93rd Avenue Southwest and the I-5 south exit/entrance at exit 99 in Olympia, Washington. The former Restover Truck Stop occupies Thurston County parcel number 12721210200 and is approximately 5.5 acres. Figure 1, *Vicinity Map*, presents the general vicinity of the Site. The Site's layout and former structures can be seen in Figure 2, *Site Map*.

The former Restover Truck Stop was comprised of a vehicle fueling area, retail sales, a convenience store, a restaurant, and a motel. The truck stop was operated by Cosden Oil, Inc., since 1969, through a lease agreement with the owners of the property. The Site ceased operations in April 2014. Three 10,000-gallon diesel USTs, one 10,000-gallon regular gasoline UST, and one 6,000-gallon premium gasoline UST were incorporated into a UST nest located north of the convenience store. Four gasoline dispensers under a canopy were located east of the convenience store and eight diesel fuel dispensers under a canopy were located west of the convenience store.

According to the Washington State Department of Ecology (Ecology) records, the four 10,000-gallon USTs were installed in 1969 and upgraded in 1991, and the 6,000-gallon UST was installed in 1971 and upgraded in 1991. The gasoline USTs were constructed of single-wall fiberglass with single-wall product lines protected with automatic line leak detection. The diesel UST was a steel "STP tank" with sacrificial anodes for corrosion protection, steel product lines, and a release detection mechanism.

1.2 Previous Environmental Activities

In 1971, a shallow domestic water well located north of 93rd Avenue was reported contaminated with petroleum hydrocarbons. Subsequently, and through 1982, petroleum product was reported in other shallow wells, successively farther from the former truck stop.

From 1976 to 1984, Ecology performed a number of investigations at the Restover Truck Stop, which resulted in enforcement actions to halt the release of petroleum hydrocarbons to the subsurface. Ecology estimated that approximately 65,000 gallons of gasoline were lost between

1974 and 1981. In 1979, approximately 2,000 gallons of leaded gasoline and diesel/oil was released to the ground when a logging truck struck a fuel dispenser.

In 1983, Ecology issued Restover Truck Stop a notice of violation and ordered that the USTs be leak tested. Results of the tests confirmed that at least one diesel tank was leaking. Subsequently, in 1983 and 1984, Ecology installed six groundwater-monitoring wells and discovered petroleum product in the groundwater.

1.1.1 Remedial Investigation – Ecology, 1985 - 1988

In 1985, Ecology contracted Golder to perform a remedial investigation (RI). The RI's primary focus was on groundwater characterization (water level measurements, hydraulic gradients, hydraulic conductivity, and groundwater sampling/contaminate migration). Golder's investigation revealed dissolved-phase gasoline petroleum hydrocarbons as the groundwater contaminant, with a plume extending approximately 1,500 to 2,000 feet to the north and 1,500 feet east and west (Ecology and Environment, Inc. 1991). At the peak of the investigation, a total of 42 monitoring wells were installed and screened in the shallow aquifer. Three of the wells were installed and screened in the lower aquifer, and 11 wells were later abandoned.

1.1.2 Feasibility Study – Ecology and Environment, Inc., 1991

In 1991, Ecology and Environment, Inc. conducted a feasibility study (FS) to evaluate selected remedial action alternatives for this facility. Five remediation alternatives were evaluated. Of the five options, Vapor Extraction, and Air Stripping Groundwater Treatment remediation were recommended (Ecology and Environment, Inc., 1991).

1.1.3 Cleanup Action Plan – 1992

In 1992, Ecology prepared a Cleanup Action Plan to present the remediation alternatives for the Restover Truck Stop facility. Ecology modified the Vapor Extraction and the Air Stripping Groundwater Treatment remediation alternatives recommended in the 1991 FS.

An Interim Action consisting of an air sparge/vapor extraction system (VES) was initiated in the summer of 1993. Operation of the VES was terminated in the fall of 1997, since benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations had substantially decreased, and continued operation of the system was no longer cost efficient.

By late 1998 and early 1999, the VES and most of the remaining monitoring wells were decommissioned, and with the continued decrease of BTEX concentrations in groundwater sampled from well WDOE-6A, the groundwater monitoring program was reduced to a five-year cycle.

In 2001, a restrictive covenant was filed on the property by Ecology to address residual contamination in the groundwater.

1.1.4 Groundwater Sampling of Monitoring Well WDOE-6A – Ecology, 2002 and 2005

In February 2002, Ecology collected a groundwater sample from well WDOE-6A and submitted it for laboratory analysis of gasoline-range petroleum hydrocarbons (TPH) and associated volatile organic compounds (VOCs). Ecology reported the following findings:

“All four BTEX compounds were detected in the well, with an average total concentration of 254 µg/l. The TPH-G [Gasoline-range Total Petroleum Hydrocarbons] concentration in the well was 6,100 µg/l. Model Toxic Control Act cleanup standards were exceeded in WDOE-6A for benzene, ethylbenzene, and total xylene, as well as for TPH. Well WDOE-6A continues to have elevated BTEX concentrations” (Ecology, 2002).

Groundwater analytical results for a groundwater sampling event at the Site in 2005 showed similar findings, with gasoline-range TPH and benzene concentrations of 3,400 micrograms per liter (µg/l) and 5.5 µg/l, respectively.

1.1.5 In-Situ Bioremediation – AEG, 2012

In March 2012, AEG conducted groundwater monitoring/sampling activities at the Site. Groundwater analytical results from AEG’s sampling event confirmed that dissolved gasoline-range TPH was steadily decreasing (although above Ecology MTCA Method A cleanup level), with low to no detectable concentrations of associated BTEX constituents. Subsequently, AEG received authorization from Ecology to remediate the residual gasoline-range TPH at monitoring well WDOE-6A.

In an effort to accelerate the biodegradation of TPH-G and benzene in groundwater, in May 2012, approximately 800 pounds of Regenesys’ Oxygen Releasing Compound-Advanced (ORC-A®) was injected by AEG and subcontractor Environmental Services Network NW, Inc. (ESN) into the subsurface in the vicinity of well WDOE-6A. This action appeared to have limited effect in groundwater and it was suggested that there may be a pocket of residual contamination at well WDOE-6A. Based on this information, it was decided to excavate the well and the adjacent soil.

1.1.6 Soil Excavation, Monitoring Well Installation, and Groundwater Sampling – 2013

On April 9, 2013, approximately 46.5 tons of PCS was excavated at the location of monitoring well WDOE-6A. Soils were excavated to a depth of 16 feet below ground surface (bgs), immediately above the saturated zone. When it was estimated that the contaminated soil had been

removed, soil samples were collected from the base of the excavation at 16 feet bgs, and from the north sidewall at 11 feet bgs, and field screened with a photoionization detector (PID). Results of the field screening indicated 7.6 parts per million (ppm) of total volatile constituents at 16 feet bgs, and did not detect volatile constituents in the sidewall. To accelerate the microbial degradation of any remaining petroleum hydrocarbons in soil, 175 pounds of Regensis' ORC-A[®] powder was added to the groundwater accumulated at the base of the excavation. Because groundwater was encountered at approximately 16 feet bgs, further excavation to a deeper depth was not possible.

After collection of the soil samples for field screening, the excavation was backfilled with recycled concrete backfill material. The excavation backfill was then compacted and the area repaved with asphalt. The final dimension of the excavation was approximately 8 feet long by 6 feet wide by 16 feet in depth.

During excavation, groundwater monitoring well WDOE-6A was removed and transported off Site for disposal. To replace well WDOE-6A, AEG and subcontractor ESN drilled and installed a new monitoring well approximately 5 feet west of the excavation on April 17, 2013. The well, designated WDOE-6AR, was drilled and constructed using a 9-inch outside diameter/4 ¼-inch inside diameter hollow-stemmed auger. The well was constructed using 2-inch PVC well screen and casing to a depth of 21 feet bgs. The screened interval was installed from 5 to 20 feet bgs. After construction, the well was developed and allowed to equilibrate with the formation for approximately 12 days before it was sampled.

On April 29, 2013, AEG sampled well WDOE-6AR and analyzed for gasoline-range TPH and BTEX. Analytical results indicated gasoline-range TPH at 5,900 µg/l. Benzene was not detected. The gasoline-range TPH concentration was higher than the previous sampling at well WDOE-6A.

1.1.7 Phase I and Phase II Environmental Site Assessments - 2013

Robinson Noble, Inc. submitted a Phase I and Phase II Environmental Site Assessment report in November 2013, on behalf of the Confederated Tribes of the Chehalis Reservation. The Phase II limited subsurface investigation was completed November 7 and 8, 2013. Site activities included collecting soil and groundwater samples from 18 borings drilled on Site using direct-push drilling methods. The 18 borings were completed to a depth of 20 feet bgs and designated B-1 through B-18. An additional boring, B-19, was advanced to the north of the Site, across 93rd Avenue SW.

During borehole drilling, PID readings were detected in boreholes B-1 and B-4, and soil samples were submitted to an on-Site mobile laboratory provided by Libby Environmental, Inc. and analyzed for gasoline-, diesel-, and oil-range TPH, as well as VOCs.

Soil analytical results indicated elevated concentrations of gasoline-range TPH in borings B-1 at 16 feet bgs, and boring B-4 at 10 feet bgs, and BTEX concentrations in boring B-4 at 10 feet bgs. An elevated benzene concentration was detected in the soil sample taken from B-14 at 8 feet bgs.

Groundwater was encountered in each of the borings at approximately 17 feet bgs, and groundwater samples were collected using temporary screens placed from 15 to 20 feet bgs. Elevated concentrations of gasoline-range TPH were detected in the samples collected from boreholes B-1, B-6, B-8, B-13, B-14, and B-16. Benzene exceeded MTCA groundwater cleanup levels in the groundwater samples from borings B-4, B-14, and B-16. The groundwater sample from boring B-14 also contained concentrations of ethylbenzene, total xylenes, and naphthalene exceeding the MTCA Method A cleanup levels.

Robinson Noble, Inc., in their 2013 Phase I and Phase II Site Assessment Report, concluded that because of the areal extent of soil and groundwater contamination at the Site:

“...additional investigation and remediation will be needed to achieve NFA status. Based on the currently available data, it is likely that final remediation efforts will involve excavation of impacted soils and treatment of impacted groundwater. Since it appears that the area of impacted soils extends below the convenience store and truck-fueling islands, the excavation will require demolition of these structures.” (Robinson Noble, 2013).

1.1.8 Helium Test – 2014

On March 22, 2014, SME Solutions, LLC (SME) was retained to conduct a helium test of the Site’s UST system and product lines associated with the UST system. The helium test indicated that a release point existed at the Tank #1 and Tank #2 CFN diesel USTs. The other three USTs or their turbine units failed in some extent as well. The UST system product lines passed the helium test. The helium test determined that the UST nest area was a source of petroleum contamination for this Site.

Based on the results from Robinson Noble, Inc.’s Limited Phase II ESA in 2013, and the failure of the product lines during the helium gas test, AEG recommended demolition of the structures, including the convenience store, gasoline fuel pump islands, the diesel pump islands, and the UST nest.

1.1.9 Phase II Supplemental Subsurface Investigation – AEG, 2014

From October 29 through November 3, 2014, AEG supervised the advancement of soil borings B-1 through B-27 to a maximum depth of 25 feet bgs. The objective of the investigation was to further explore environmental conditions in the immediate areas of the gasoline and diesel fuel

dispenser islands and in the vicinity of the USTs, to try to define the vertical and horizontal extents of soil contamination, and to try to define the boundaries of the groundwater plume. The findings and conclusions for the Phase II Supplemental Subsurface Investigation were as follows:

- *Subsurface soil at the Site appears to be affected by gasoline-range TPH at concentrations above the Ecology MTCA Method A cleanup levels beneath the gasoline-fuel dispenser islands, portions of the diesel-fuel dispenser islands, the convenience store, and west of the underground storage tanks.*
- *The contaminated groundwater plume beneath the property appears to be centered between the UST nest and the northern portion of convenience store. The plume appears to extend in the following directions:*
 - *To the east of the gasoline fuel dispenser islands,*
 - *To the west past the diesel fuel dispensers,*
 - *To the south of the convenience store, and*
 - *To the north, possibly beyond the property boundary at 93rd Avenue SW.*

Following the investigation, AEG recommended the following:

- *Decommissioning and removal of the underground storage tanks,*
- *Demolition of surface structures where affected soil and groundwater was detected,*
- *Excavation and removal of the affected soil to the depth of groundwater,*
- *Backfilling the excavated pit area using clean, imported soil and surface repaving,*
- *Treatment of residual soil contamination via in-situ chemical oxidation followed by enhanced in-situ biologic degradation through the addition of an oxygen releasing agent to stimulate the natural biological activity,*
- *Installation of monitoring wells to monitor the effectiveness of the biodegradation process through groundwater sampling,*
- *A professional topographic survey of the wells to assist in determining the direction of groundwater flow beneath the Site,*
- *Remediation of affected groundwater through physical or chemical processes, and*
- *Establish a quarterly groundwater monitoring and sampling program following MTCA Cleanup Regulation Table 830-1.*

1.3 Site Geology and Hydrogeology

Regional Geology

According to the *Geologic Map of Washington, Southwest Quadrant*, the regional area is underlain by non-glacial age alluvium deposits and glacial Quaternary age undifferentiated outwash deposits and Vashon Till deposits (Walsh, T.J., Korosec, M.A., et al, 1987). The alluvium deposits typically consist of “silt, sand, gravel deposited in streambeds and fans”. The undifferentiated outwash deposits typically consist of “recessional and pro-glacial stratified sand and gravel, locally contains silt and clay (a part of the Vashon Drift)”. The till deposits typically consist of “unsorted highly compacted mixture of clay, silt, sand, and gravel” (Walsh, T.J., Korosec, M.A., et al, 1987).

Hydrogeology

According to Drost, B. W., G.L. Turney, N.P. Dion, and M.A. Jones in *Hydrology and Quality of Ground Water in Northern Thurston County, Washington* (1998), the Site is underlain by two aquifers, separated by glacial till. The shallow aquifer has been identified as Qvr, recessional outwash, and the deeper aquifer has been identified as Qva, advance outwash. Ecology describes the upper aquifer as extending downward to a depth of approximately 25 feet bgs. The glacial till ranges in thickness from 1 to 10 feet. The lower aquifer is at least 40 feet thick. The till retards the vertical flow of groundwater from the upper to the lower aquifer.

An Ecology Cleanup Action Plan (1992) for the Site states that the upper aquifer groundwater flows to the north and west. The maximum seasonal variation of the water table in the upper aquifer is about 9 feet. The saturated thickness varies from approximately 1 foot to approximately 20 feet. Linear groundwater flow rates vary from approximately 50 to 200 feet per year, as determined by short duration constant rate pump tests conducted by Ecology.

Groundwater in the lower aquifer flows to the southwest. The maximum seasonal variation of the water table is about 9 feet. Groundwater flow rates average from 20 to 60 feet per year as determined by rising head slug tests. Linear flow rates through the till range from 0.01 feet per year to 30 feet per year, as determined by laboratory permeability tests.

Based on the Phase II Supplemental Subsurface Investigation and most current excavation observation, subsurface soils at the Site generally consist of outwash deposits, including medium dense to dense sands, dense gravel and sandy gravel overlaying a glacial till at approximately 20 feet bgs.

The nearest waterways include Salmon Creek, located approximately 1.7 miles southwest of the Site, and Black Lake, located approximately 2.5 miles to the northwest at its closest point.

2.0 OBJECTIVES AND SCOPE OF WORK

AEG was retained to perform a Remedial Action at the Site, which included decommissioning five USTs, excavating and disposing of approximately 19,000 cubic yards of PCS, and treating the groundwater.

Specific tasks performed included:

- Conducting both public and private utility locates for the Site and vicinity. The public rights of way locates were performed by the Underground Utilities Locate Center; Applied Professional Services, Inc. (APS) provided private utility locates for the Site.
- Continuously logging the subsurface media during the investigation, to observe and document soil lithology, color, moisture content, and sensory evidence of impairment.
- Collecting performance and confirmation soil samples for laboratory analyses at various depths, based on the field observations.
- Collecting pre-treatment and post-treatment groundwater samples from the pump and treat system.
- Installing three groundwater monitoring wells on the property line to the north of the excavation, which is historically the direction of groundwater flow.
- Transporting and submitting soil and groundwater samples to Libby Analytical (Libby), a Washington State certified analytical laboratory, for analyses.
- Evaluating laboratory analytical results and comparing data to the Washington State Department of Ecology's (Ecology's) Model Toxics Control Act (MTCA) Method A cleanup levels for soil and groundwater.
- Preparing this report presenting final documentation of the field activities and methodologies, and summarizing the analytical results, conclusions, and recommendations.

3.0 FIELD ACTIVITIES

3.1 UST Decommissioning

Five USTs were removed in July 2015. Ecology's UST database describes each UST as follows: Tank 1 - 10,000-gallon diesel fuel, Tank 2 - 10,000-gallon diesel fuel, Tank 3 - 10,000-gallon leaded gasoline, Tank 4 - 10,000-gallon unleaded gasoline, and Tank 5 - 6,000-gallon unleaded gasoline. The USTs are all described to be single-wall steel tanks with single-wall flexible piped supply lines. Both AEG and staff from The Vertex Companies, Inc. (Vertex; consultant for Colony Insurance) observed the tank integrity and structural issues (Points of Release) during removal that lead to the contamination of soil and groundwater within the UST nest area. During UST removal, the main supply lines were taken apart and disposed of while sampling occurred. The USTs were cleaned inside, certified inert, decommissioned, and disposed of off Site at an appropriate facility.

During UST excavation, performance samples were collected for analysis for gasoline-, diesel-, and oil-range TPH and BTEX. Sampling continued to the north directly adjacent to the sidewalk and east as far as practicable to maintain easement buffers of 93rd Avenue SW and the southbound I-5 on-ramp, respectively. Table 1, *Summary of Soil Analyticals*, provides a summary of the data for all soil samples collected.

The locations of the Site features and sample locations are illustrated on Figure 3, *UST, Dispensers & Line Samples*. Photographs from the investigation are presented in Appendix A, *Site Photographs*. Laboratory analytical results are provided in Appendix B, *Supporting Documents, Laboratory Analytical Results*.

3.2 Dispenser Decommissioning

To understand potential sources of leaks at the Site, a careful investigation of the gasoline and diesel supply lines and dispenser islands was performed during decommissioning. Vertex and AEG were on Site during the removal of the lines and dispensers. Duplicate samples were collected by Vertex at the time of excavation/exposure. Areas between dispensers and under dispensers were removed to just below the supply lines while the islands were being demolished and removed from the Site. Some fuel lines were observed to be cemented in the concrete slab instead of in a subgrade fill, as is the industry standard. Points of release were observed within these lines on the diesel/commercial side and gasoline side. Once the dispensers were removed, and soil samples collected, excavation continued deeper by way of performance sampling until confirmation samples were obtained. Sample locations are illustrated on Figure 3, *UST, Dispensers & Line Samples*, Figure 4, *Gasoline Dispenser Soil Sampling Locations*, Figure 5, *Diesel Dispenser Soil Sampling Locations*, and Figure 6, *UST and West UST Soil Sampling Locations*.

3.3 *Soil Excavation to depth*

Excavation began around the removed USTs and below the supply lines on the northeast corner of the property. The groundwater was encountered at approximately 18 feet bgs during the summer, which spread the soil excavation laterally where contamination existed. During this time, Libby Environmental mobile laboratory was on Site to analyze performance and confirmation soil samples collected from the excavation as it was expanded vertically and laterally. Excavation continued until a confirmation sample demonstrated clean limits (i.e., below MTCA cleanup levels) were achieved. During this process, there were areas that did not have contaminants above cleanup levels and this clean soil was stockpiled while excavation continued. To reach clean limits within the base of the excavation, the water table was penetrated at first to see how deep the smear zone soil was to see if a confining layer existed. The geology proved to be beneficial based on a till encountered at 20 to 23 feet bgs on average throughout the excavation. The saturated soil (generally 18 to 20 feet bgs) was removed, which proved to be contaminated being in the smear zone. Confirmation sampling below the saturated soil involved use of the excavator bucket to scrape off the upper 6 inches (approximate) of the till. Then, the till (a non-hydrated, aquitard material, which consisted of over-compacted clays, silts, and gravel conglomerate) was sampled in the center of the excavator bucket. Confirmation sample results showed that about 6 inches of over excavated material, into the till and below, were non-detect for Site contaminants. Therefore, the standard operating procedure throughout the base of the excavation was to remove the top 6 inches of the till layer (about 2 feet below the exposed water table elevation) and haul off any material in the smear zone to reduce as much source material as possible. This procedure extended laterally until sidewall confirmation samples were obtained showing clean limits were achieved. Sample locations and selected results are illustrated on Figure 7, *Selected Analytical Results*.

Contaminated soil above cleanup levels was directly loaded into truck and trailer combinations and transported to the Cowlitz County Landfill for disposal. Approximately 19,000 cubic yards of contaminated material was removed from the excavation.

To reduce the amount of water being mixed with soil as the smear zone below water was being excavated, a dewatering/treatment system was implemented (see Section 3.4 for details). Once clean confirmation samples were obtained in the eastern portion of the excavation, below the gasoline dispensers, backfilling began with quarry spalls to fill the 2- to 3-foot zone of groundwater present in the base of the excavation.

Following the placement of quarry spalls in the eastern portion of the excavation, and prior to backfilling, while the excavators were able to navigate on top of the spalls, approximately 8,400 pounds of RegenOx Part A, 1,040 pounds of RegenOx Part B, and 1,120 pounds of ORC Advanced

Pellets were distributed 10 foot on center throughout the eastern half. Excavator buckets were filled with the correct mixture ratios of the chemicals and mixed into the groundwater and spall combination.

Above the spalls, the remaining clean overburden soil that was temporarily stockpiled on Site was used to fill approximately a 120-foot by 120-foot by 15-foot deep portion of the east half of the excavation, which reached to approximately 6 to 8 feet bgs. The remainder of the east half of the excavation was backfilled with imported material to match surface grade. This consisted of 3-inch-minus, angular-engineered, crushed basalt rock from Black Lake Quarry. A CAT 6-foot drum vibratory roller was utilized for compaction while coming up in lifts of approximately 12 to 18 inches.

After the eastern half of the excavation was backfilled, additional quarry spalls were imported from the same quarry to fill the base of the western half of the excavation from approximately 16 to 23 feet bgs.

Backfilling continued on the western half of the excavation by way of import from Black Lake Quarry. During this past winter, 2016, the water table seasonally increased in elevation from 18 feet bgs to 8 feet bgs. Quarry spalls were used to backfill to the groundwater level. Once spalls displaced the groundwater and it regained equilibrium, the groundwater elevation was again 8 feet bgs. From 8 feet to 2 feet bgs, 3-inch-minus engineered gravel was imported and a base coarse 1.25-inch minus was used to the surface.

3.4 Groundwater Treatment System

Initially, water samples were collected from the excavation pit using a bailer to assess the concentrations of contaminants and water quality parameters to design the treatment system. The Baker Corp. designed and supplied a treatment system for the excavation pit water. The system included six 21,000-gallon Baker “pre-treatment” tanks, Chitosan passive flocculent sock, bag filters, backflush, two 1,200-pound granulated activated carbon (GAC) carbon vessels, and three “post-treatment” 21,000-gallon Baker tanks. Figure 8, *Initial Baker Tank Configuration*, illustrates the treatment system. One cycle was pumped via a 7.5-horsepower (hp), 4-inch, rotary pump into the six “pre-treatment” tanks. On average, the six Baker “pre-treatment” tanks took approximately 6 hours to fill. Once the “pre-treatment” tanks were full, a NW Soil and Water associate was dispatched to discharge any prior, laboratory-verified, ready-to-discharge, “clean” batch, then create another treatment batch from the six holding “pre-treatment” tanks to run analytical testing on after the “post-treatment” tanks were full. Once analytical results showed the indicator levels were below the discharge permit thresholds, the three clean “post-treatment” tanks

were discharged and another batch of clean water was created (approximately 60,000 gallons per batch).

The system was subsequently converted to a “flow-through” system. This allowed more water to be processed, and sampled weekly until the backfill occurred, which aided in dewatering. Since the conversion, approximately 42,000 additional gallons were processed. In total, AEG processed and discharged approximately 357,000 gallons.

All “post-treatment” samples were collected from the port after the second carbon vessel to date. Samples were analyzed for gasoline- and diesel-range TPH, BTEX, turbidity, and pH before discharge. These samples were used to submit to Ecology’s Water Quality program for review and, since the last discharge, the Stormwater General Permit for Water Quality has been discontinued.

3.5 *Monitoring Well Installation*

On December 29, 2015, AEG installed three groundwater monitoring wells by industry standards on the north (downgradient) side of the property adjacent to 93rd Avenue SW. The locations of these wells are illustrated on Figure 7 - *Selected Analytical Results*. These wells were installed to approximately 25 feet bgs screened from 3 to 25 feet bgs, and were sampled as part of post-excavation confirmation monitoring.

4.0 SAMPLING METHODOLOGY

4.1 Soil Sampling Procedures

Soil sampling methods for this work followed the protocols established by Ecology and the U.S. Environmental Protection Agency (EPA). To minimize volatile organic constituent (VOC) losses, soil sampling and field preservation methods for VOCs followed methods set forth by EPA's Method 5035A and Ecology's guidance, "*Collecting and Preparing Soil Samples for VOC Analysis*". Soils were observed to document soil lithology, color, moisture content, and sensory evidence of contamination. A Photoionization Detector (PID) was used to detect hydrocarbons in the soil.

Soil samples were selected for laboratory analysis based on field observations and PID readings. Soil samples were collected and placed into laboratory-provided, pre-weighed 40-milliliter (ml) volatile organic analysis (VOA) glass vials and pre-weighted 4-ounce glass jars for the analyses of gasoline-, diesel-, and oil-range TPH. The soil samples were either analyzed on Site in a mobile laboratory provided by Libby or taken to Libby's laboratory in Olympia, Washington for analyses following industry standard chain-of-custody procedures.

4.2 Groundwater Sampling Procedures

Groundwater samples collected to date as part of this remedial action have been from the water within the open excavation, prior to treatment. A sample was initially collected using a bailer to evaluate the concentrations of contaminants for design of the treatment system. Subsequent samples were collected directly from the inlet pipe just above the Baker tank inlet port. These "pre-treatment" samples were used to monitor the total amount of contaminants removed over the life of the system. Secondary samples were collected after the first carbon vessel to ensure it was not saturated. The samples collected after the second carbon vessel were used to submit to Ecology for discharge to stormwater. Table 2 – *Summary of Groundwater Treatment Analyticals*.

Samples were collected in laboratory-provided, pre-weighed 40-ml VOA glass vials and ½ liter amber glass jars for the analyses of gasoline-, diesel-, and oil-range TPH. The groundwater samples were transported to the Libby laboratory in Olympia, Washington for analyses following industry standard chain-of-custody procedures.

Groundwater from MW-1, MW-2 and MW-3 was collected on January 5 and March 24, 2016. New, dedicated polyethylene tubing was installed in each of the new monitoring wells to the total depth. Sampling was conducted following the EPA-approved low-flow purging and sampling techniques. During purging, a YSI-water quality multi-parameter instrument equipped with a flow-through cell was used to continuously monitor field parameters of temperature, pH,

conductivity, total dissolved solids, salinity, dissolved oxygen, and oxidation reduction potential in the purged groundwater. Groundwater from each well was purged until the sample was relatively free of sediment, and the field parameters became relatively stable. The groundwater samples were collected in laboratory-provided 40-ml vials and 0.5-Liter amber bottles.

4.3 Laboratory Analyses

Pre-treatment, post-treatment, monitoring well groundwater samples, and selected soil samples were analyzed for:

- Diesel- and oil-range TPH by Method NWTPH-Dx Extended.
- Gasoline-range TPH and BTEX by Method NWTPH-Gx/8260.

4.4 Quality Controls

To ensure that quality information was obtained at the Site:

- All samples were collected in general accordance with industry protocols for the collection, documentation, and handling of environmental samples.
- Nitrile gloves were worn when handling all sampling containers and sampling devices. Clean gloves were used for each sample to prevent cross contamination.
- The sampling equipment was scrubbed with Alconox detergent and rinsed with water prior to each sample extracted.
- Soil samples were tightly packed into laboratory-provided dedicated sampling containers to eliminate sample headspace.
- Groundwater samples were collected using laboratory-provided dedicated sampling containers using zero headspace sampling techniques.
- Upon sampling, all soil and groundwater samples were immediately placed into chilled ice chests, and transported for analysis under a chain-of-custody protocol to the Libby analytical laboratory in Olympia, Washington.

The analytical laboratory provided project quality assurance/quality control (QA/QC), including:

- Surrogate recoveries for each sample.
- Method blank results.
- Trip blank results.
- Laboratory control samples, and Laboratory control sample duplicates.
- Duplicate analyses, matrix or blank spike analyses.

- Duplicate spike analyses.

All analytical laboratory QA/QC results were within required limits. Analytical laboratory results are provided in Appendix B, Supporting Documents, *Laboratory Analytical Results*.

5.0 ANALYTICAL RESULTS

All analytical results obtained from soil and groundwater samples were compared to Ecology's MTCA Method A cleanup levels. Copies of the laboratory analytical results are provided in Appendix B, Supporting Documents, *Laboratory Analytical Results*.

5.1 Soil Results

Table 1, *Summary of Soil Analyticals*, presents the analytical results for all performance and confirmation soil samples as compared to Ecology MTCA Method A soil cleanup levels. All confirmation soil samples collected from the limits of the excavation were below MTCA Method A cleanup levels. However, no confirmation samples were able to be collected following over excavation from the following performance sample locations:

- S2CBN18', S2CBNW18', 5'ED9BC20', 3D1BCN20', and 5'ED3BC20'.

Section 3.3 describes the procedure for sampling the base of the excavation into the till. For base samples, including 5'ED9BC20', 3D1BCN20', and 5'ED3BC20', the till was scraped deeper than the respective depth labeled for the samples. In other words, the samples were collected at 20 feet bgs but the sample location was over excavated to about 21 feet bgs due to the standard operating procedure of sampling from the center of the excavator bucket. The intent of this method is to keep the side of the bucket from contaminating the sample in-situ. The operator was instructed to scrape as much as the till as possible with the smooth-edged bucket as to lift the tracks of the John Deere 230 off of the ground throughout the base of the excavation as deep as the bucket could rip in the till. This proved to be successful to obtain confirmation samples with results of non-detect or below MTCA Method A cleanup levels throughout the remainder of the excavation.

Samples S2CBN18' and S2CBNW18' were removed vertically to base confirmation samples at 20 feet bgs; however, because they were originally sidewall confirmation samples as well, it is not clear whether they may extend laterally under 93rd Ave. During sidewall sampling at depth, the intent was to collect samples just above the water table at the time, which was approximately 18 feet bgs. Due to the angle of repose for the sidewall adjacent to 93rd Ave, the operator attempted to sample in a downward motion with his excavator bucket. The bucket was not reversible, to take a sample in an upward motion, which would have been preferred. This downward motion proved difficult to avoid dipping the confirmation sample in the groundwater, potentially creating a cross contamination of pathways. In AEG's opinion, this is the reason for the elevated gasoline-range TPH concentrations in these two confirmation samples, and they are likely not representative of actual in-situ conditions. Additional samples were unable to be subsequently collected from this area due to a subsequent rise in the elevation of the water table.

5.2 Pre- and Post-Treatment Groundwater Results

Table 2, *Summary of Groundwater Treatment Analyticals*, presents the analytical results of the pre- and post-treatment samples collected from the excavation and treatment system, respectively, as compared to Ecology MTCA Method A groundwater cleanup levels.

Gasoline-range TPH was detected in the excavation groundwater above the MTCA Method A cleanup level of 800 micrograms per liter ($\mu\text{g/l}$) in the initial sampling of the water in the base of the excavation (Excav. Test Water) at 3,810 $\mu\text{g/l}$. Benzene was detected in the same sample at 7.7 $\mu\text{g/l}$, which is above the MTCA Method A cleanup level of 5 $\mu\text{g/l}$. As the pumping and treating continued, concentrations reduced to non-detect, as demonstrated in “pre-treatment” (before carbon treatment) samples PRT1-7 and PRT2-7. These samples were collected after pumping, treating, and discharging a total of approximately 357,000 gallons of groundwater using the initial batch system setup. Diesel has not been detected in excavation groundwater.

5.3 Groundwater Results

Table 3, *Groundwater Analytical Summary*, presents the analytical results of the groundwater samples collected from MW-1, MW-2, and MW-3 as compared to Ecology MTCA Method A groundwater cleanup levels. None of the contaminants analyzed were detected above method detection limits, with the exception of a detection of benzene below MTCA Method A cleanup levels.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The conclusions and recommendations derived during the excavation assessment activities at the Site are as follows:

6.1 *Conclusions*

Based on the findings from this remedial action, AEG's conclusions are as follows:

- Soil contamination was generally from the UST nest area and underneath the gasoline and diesel dispensers to approximately 20 feet bgs. Contamination had migrated beneath the convenience store building, which was able to be accessed and excavated once the structure was removed. Depending on the severity of the upper elevation-related leaks, areas of soil contamination concentrations varied with depth.
- Soil was excavated based on performance sampling vertically and laterally until confirmation samples were obtained as practicable. Non-contaminated soils were encountered from about 6 to 18 feet in areas northwest of the former store and were reused as feasible for backfill on the eastern side of the excavation.
- Soil was excavated below the water line to the over-compacted till layer, which acted as an aquitard and prevented further downward migration of contaminants. Throughout the excavation, analytical results of confirmation soil samples collected 6 inches into the very dense till layer proved to be non-detect or below cleanup levels.
- Approximately 19,000 cubic yards of contaminated soil was removed and transported off Site for disposal.
- Approximately 6,000 cubic yards of clean native fill was reused.
- Approximately 19,000 cubic yards of backfill was imported.
- Following pumping and treating of excavation groundwater, a total of 357,000 gallons of water was discharged to stormwater. An additional 42,000 gallons of water not requiring treatment was directly discharged to stormwater after Ecology was satisfied with the non-detectable analyte water column stratification samples from the excavation water.
- Two consecutive quarters of post-cleanup groundwater data from MW-1, MW-2, and MW-3 were below MTCA Method A cleanup levels.

6.2 *Recommendations*

Based on the significant source removal performed at the Site, and the above conclusions, it is AEG's professional opinion that a No Further Action determination is warranted for the Site.

7.0 LIMITATIONS

This report summarizes the findings of the services authorized under our agreement with Mr. Dayabir (Pintu) Bath. It has been prepared using generally accepted professional practices, related to the nature of the work accomplished. This report was prepared for the exclusive use of Mr. Bath and his designated representatives, for the specific application to the project purpose.

Recommendations, opinions, Site history, and proposed actions contained in this report apply to conditions and information available at the time this report was completed. Since conditions and regulations beyond our control can change at any time after completion of this report, or our proposed work, we are not responsible for any impacts of any changes in conditions, standards, practices, and/or regulations subsequent to our performance of services. We cannot warrant or validate the accuracy of information supplied by others, in whole or part.

8.0 REFERENCES

American Society for Testing and Materials (ASTM) Standard E 1903-97. *Standard Guide Environmental Site Assessments: Phase II Environmental Site Assessment Process*.

Robinson Noble, Inc. 2013. *Phase I and II Environmental Site Assessment, Confederated Tribes of the Chehalis Reservation, 2729 93rd Avenue Southwest, Chehalis, Washington*.

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U.S. Geological Survey, 1998, Drost, B.W., G.L. Turney, N.P. Dion, and M.A. Jones, *Hydrology and Quality of Ground Water in Northern Thurston County, Washington*, Report 92-4109 [Revised].

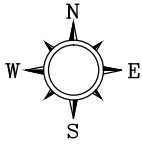
Walsh, T.J., Korosec, M.A., et al. 1987, *Geologic Map of Washington, Southwest Quadrant*, Washington Division of Geology and Earth Resources Geologic Map GM-34.

Washington State Department of Ecology, 2004, *Collecting and Preparing Soil Samples for VOC Analysis*, Implementation Memorandum #5.

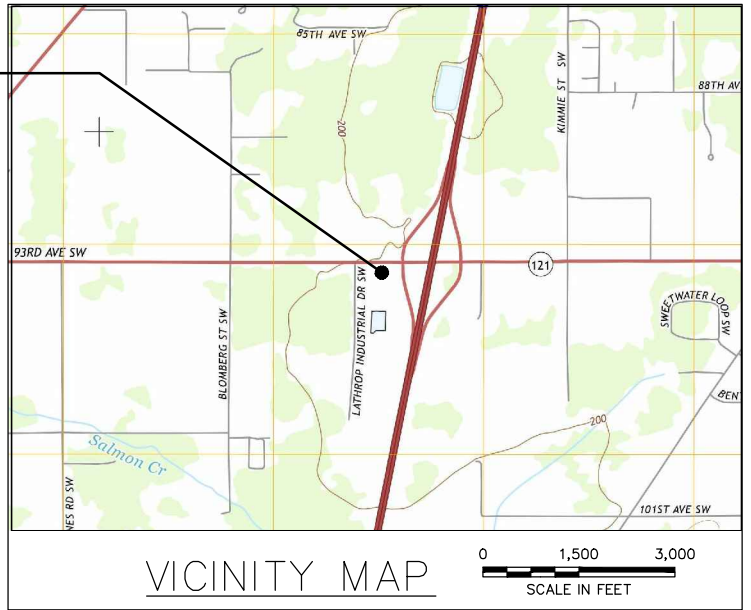
Washington State Department of Ecology, 2007, *Model Toxic Control Act Statute and Regulation – Chapter 173-340 WAC*, Publication number 94-06 (Revised November 2007).

FIGURES AND TABLES

FILENAME	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
12-116_1504.DWG	ICD	12/21/2015	SL	12/21/2015



PROJECT LOCATION



NOTES

1. THE LOCATIONS OF ALL FEATURES SHOWN ARE APPROXIMATE
2. THIS DRAWING IS FOR INFORMATION PURPOSES. IT IS INTENDED TO ASSIST IN SHOWING FEATURES DISCUSSED IN AN ATTACHED DOCUMENT.

REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.
VICINITY IMAGE SOURCE: U.S. GEOLOGICAL SURVEY-2013, 7.5 MINUTE QUADRANGLE MAP MAYTOWN, WASHINGTON



BUILDING



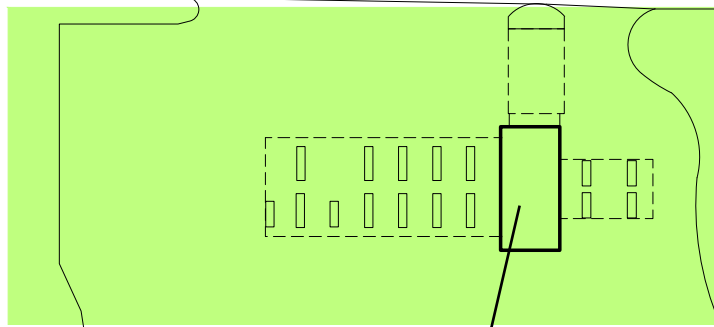
BUILDING



BUILDING

93rd AVENUE SW

LATHROP INDUSTRIAL DRIVE SW



FORMER BUILDINGS

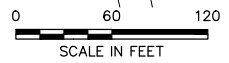
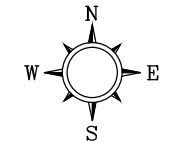


FIGURE 1

VICINITY MAP

RESTOVER TRUCK STOP
2725 93rd AVENUE SW
OLYMPIA, WASHINGTON

93rd AVENUE SW



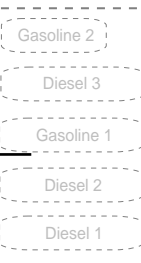
Sidewalk

LEGEND

GRAVEL AREA

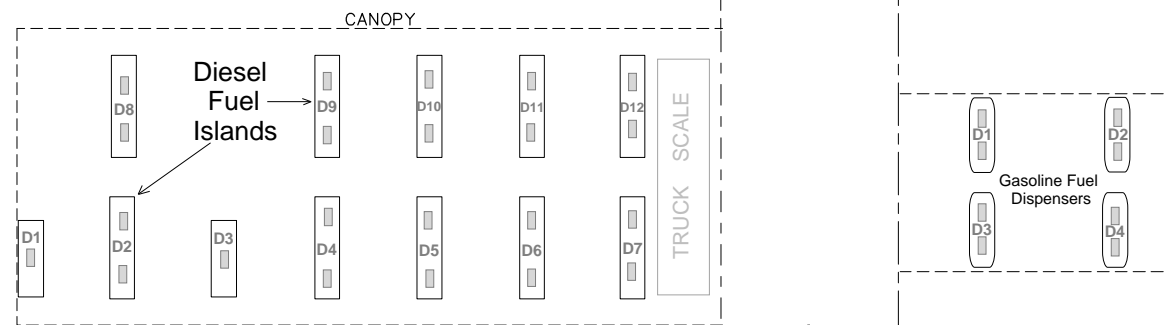
ASPHALT AREA

FORMER UST NEST



Sign

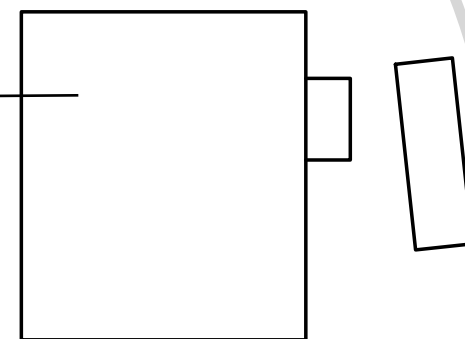
GRASS AREA



FORMER STORE

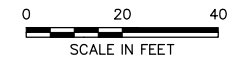
ASPHALT AREA

FORMER BUILDING



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AG ASSOCIATED ENVIRONMENTAL GROUP, LLC

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Olympia, WA 98501

(360) 352-9835 Fax (360) 352-8164

FIGURE 2 SITE MAP

RESTOVER TRUCK STOP

2725 93rd AVENUE SW
OLYMPIA, WASHINGTON

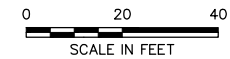
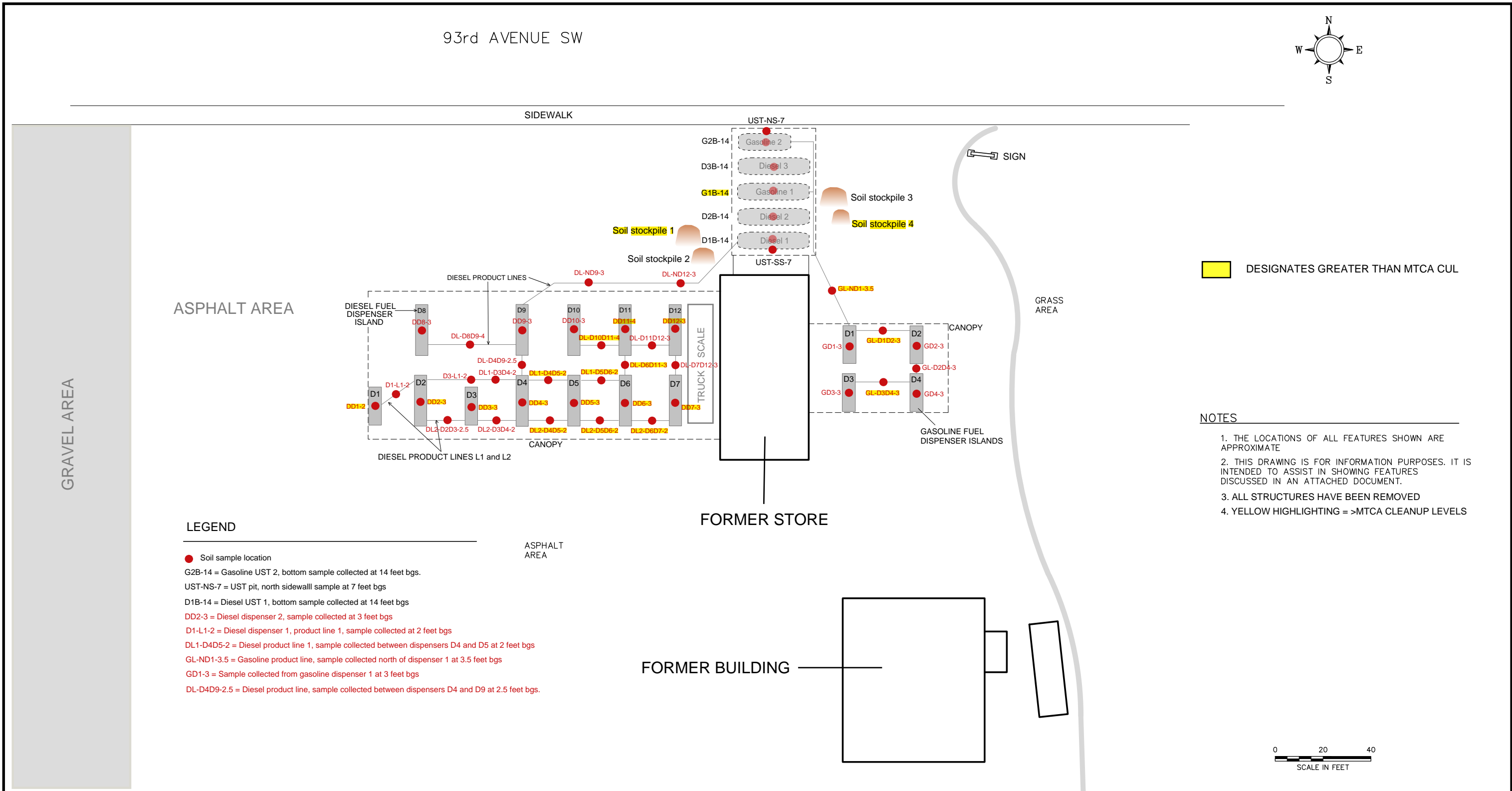
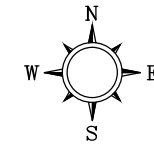
Project #: 12-116

Date: August 31, 2015

File: 12-116_14Q2_1.DWG

Sheet:

93rd AVENUE SW



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FIGURE 3 UST, DISPENSERS & LINE SAMPLES

RESTOVER TRUCK STOP

2725 93rd AVENUE SW
OLYMPIA, WASHINGTON

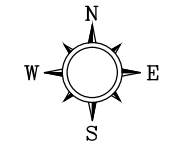
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Date: July, 2015

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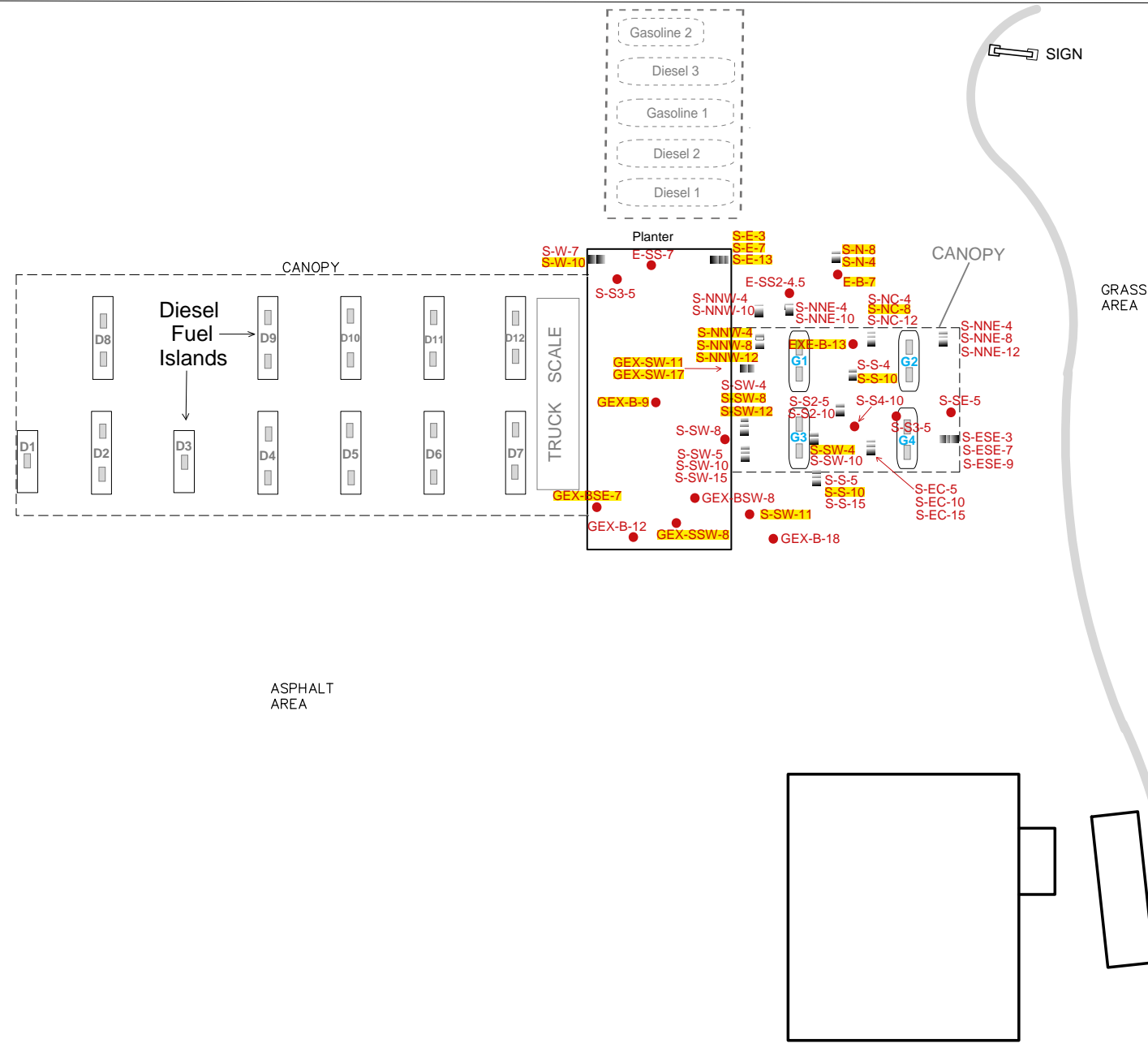
93rd Avenue SW



Sidewalk

GRAVEL AREA

ASPHALT AREA



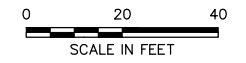
LEGEND

- S-NNW-4 ● Soil Sample Location and designation
- Sidewall sample
- N NORTH
- B BOTTOM
- SW SOUTHWEST SIDEWALL
- NNW NORTH SIDEWALL-NORTHWEST AREA
- EXE GENERAL EXCAVATION
- GEX GASOLINE EXCAVATION
- 4 FEET BELOW GROUND SURFACE
- D1 FUEL DISPENSER 1

DESIGNATES GREATER THAN MTCA CUL

NOTES

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2. THIS DRAWING IS FOR INFORMATION PURPOSES. IT IS INTENDED TO ASSIST IN SHOWING FEATURES DISCUSSED IN AN ATTACHED DOCUMENT.
3. ALL STRUCTURES HAVE BEEN REMOVED
4. YELLOW HIGHLIGHTING = >MTCA CLEANUP LEVELS



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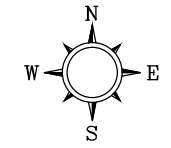
FIGURE 4
GASOLINE DISPENSER
SOIL SAMPLING LOCATIONS

RESTOVER TRUCK STOP

2725 93rd AVENUE SW
OLYMPIA, WASHINGTON

Project #: 12-116	Date: August, 2015
File: 12-116_14Q2_1.DWG	Sheet:

93rd AVENUE SW



Sidewalk

LEGEND

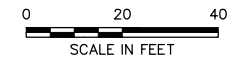
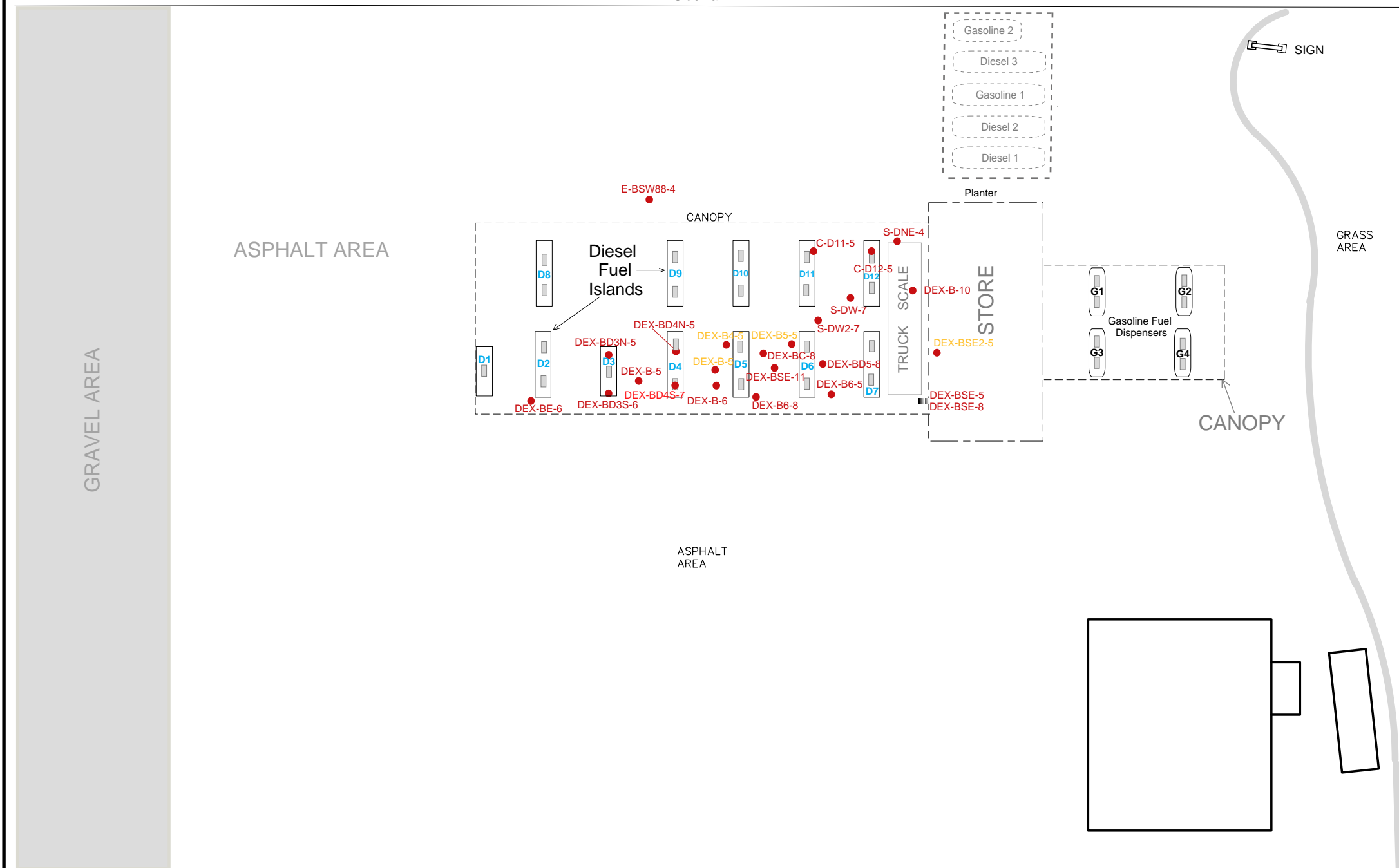
DEX-BSE2-5 ● Soil Sample Location and designation

- DEX DIESEL EXCAVATION
- B BASE SAMPLE
- SE SOUTH EAST
- D5 DIESEL PUMP # 5
- C CONFIRMATION SAMPLE
- BSW51 BASE - 51 FEET SOUTHWEST
- S SIDEWALL
- DNE DIESEL EXCAVATION - NORTH EAST AREA
- 5 FEET BELOW GROUND SURFACE
- D1 FUEL DISPENSER 1

DESIGNATES GREATER THAN MTCA CUL

NOTES

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3. ALL STRUCTURES HAVE BEEN REMOVED
4. ORANGE SAMPLE NUMBER > MTCA CLEANUP LEVELS



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FIGURE 5 DIESEL DISPENSER SOIL SAMPLING LOCATIONS

RESTOVER TRUCK STOP

2725 93rd AVENUE SW
OLYMPIA, WASHINGTON

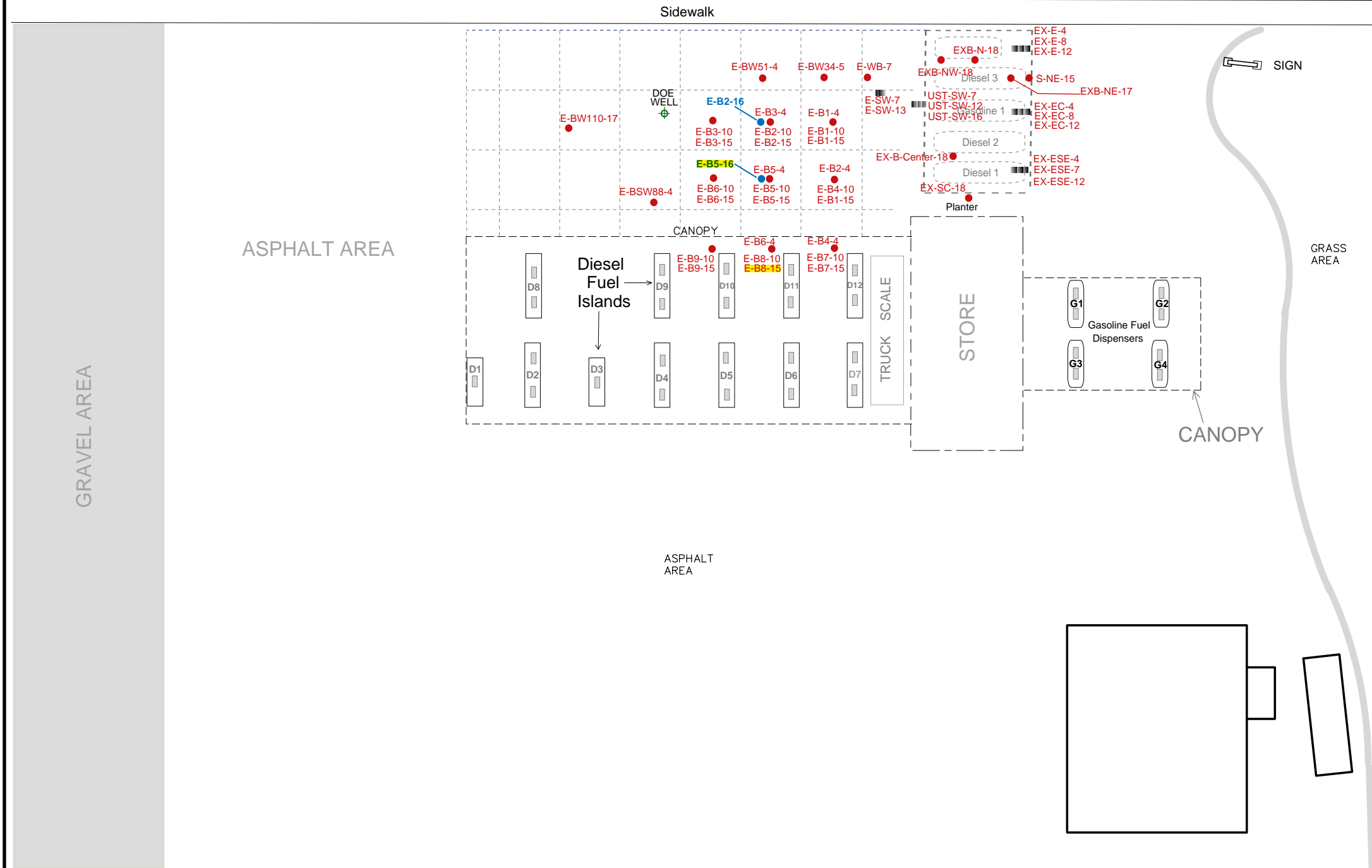
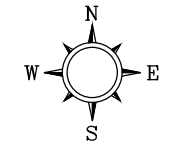
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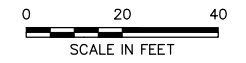
Sheet:

93rd AVENUE SW



- LEGEND**
- EXB-N-18 ● Soil Sample Location and designation
 - Sidewall sample
 - N NORTH
 - B1 1st SAMPLE BOTTOM OF EXCAVATION
 - SW SOUTHWEST SIDEWALL
 - NNW NORTH SIDEWALL-NORTHWEST AREA
 - E / EX GENERAL EXCAVATION
 - EXB BASE OF EXCAVATION
 - 4 FEET BELOW GROUND SURFACE
 - BW51 BASE - 51 FEET WEST
 - EC EAST SIDEWALL CENTRAL AREA
 - S SIDEWALL
 - D12 FUEL DISPENSER 12
 - ESE EAST SIDEWALL SOUTHEAST AREA
 - DESIGNATES GREATER THAN MTCA CUL

- NOTES**
1. THE LOCATIONS OF ALL FEATURES SHOWN ARE APPROXIMATE
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 3. ALL STRUCTURES HAVE BEEN REMOVED
 4. YELLOW HIGHLIGHTING = >MTCA CLEANUP LEVELS



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FIGURE 6
UST AND WEST UST
SOIL SAMPLING LOCATIONS

RESTOVER TRUCK STOP
 2725 93rd AVENUE SW
 OLYMPIA, WASHINGTON

Project #: 12-116	Date: August, 2015
File: 12-116_14Q2_1.DWG	Sheet:

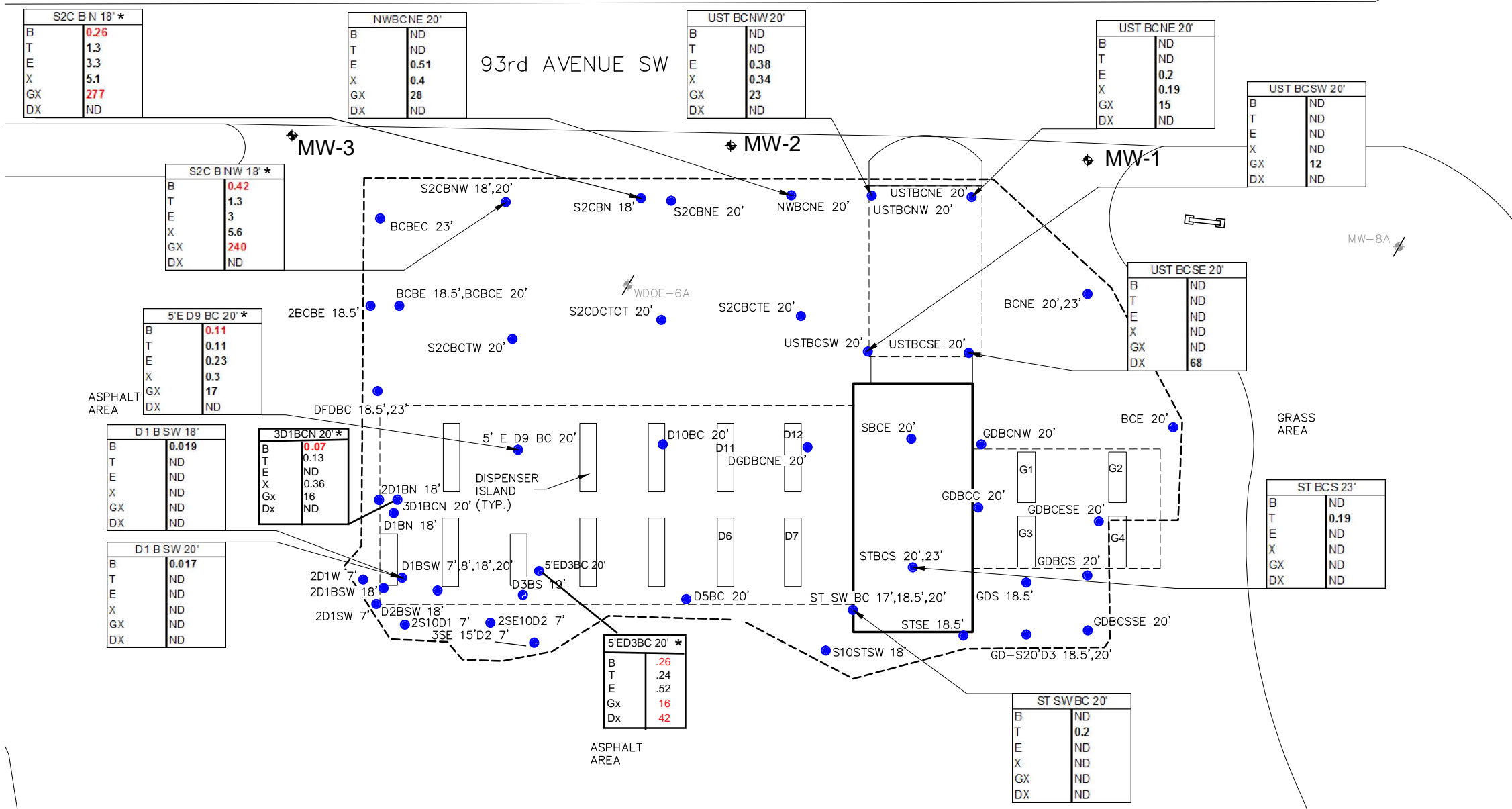
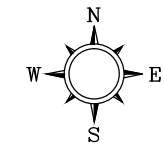
PROJECT NUMBER 12-116

APPROVED BY SL 12/21/2015

CHECKED BY SL 12/21/2015

DRAWN BY ICD 12/21/2015

FILENAME 12-116_1504.DWG



LEGEND

- MW-1 PROPOSED GROUNDWATER MONITORING WELL
- MW-8A HISTORICAL GROUNDWATER MONITORING WELL
- BCE20' CONFIRMATION SAMPLES
- APPROXIMATE EXCAVATION LIMITS
- SIGN
- B BENZENE (mg/kg)
- T TOLUENE (mg/kg)
- E ETHYLBENZENE (mg/kg)
- X TOTAL XYLENES (mg/kg)
- GX GASOLINE (mg/kg)
- DX DIESEL (mg/kg)
- mg/kg MILLIGRAMS PER KILOGRAM
- ND NOT DETECTED ABOVE LIMIT NOTED
- BOLD INDICATES THE DETECTED CONCENTRATION IS BELOW THE MTCA METHOD-A CLEANUP LEVEL**
- RED BOLD INDICATES THE DETECTED CONCENTRATION EXCEEDS THE ECOLOGY MTCA METHOD-A CLEANUP LEVEL**
- * OVER EXCAVATED SAMPLES

- NOTES**
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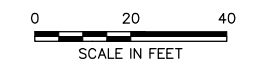


FIGURE 7
SELECTED ANALYTICAL RESULTS

RESTOVER TRUCK STOP
2725 93RD AVENUE SW
OLYMPIA, WASHINGTON

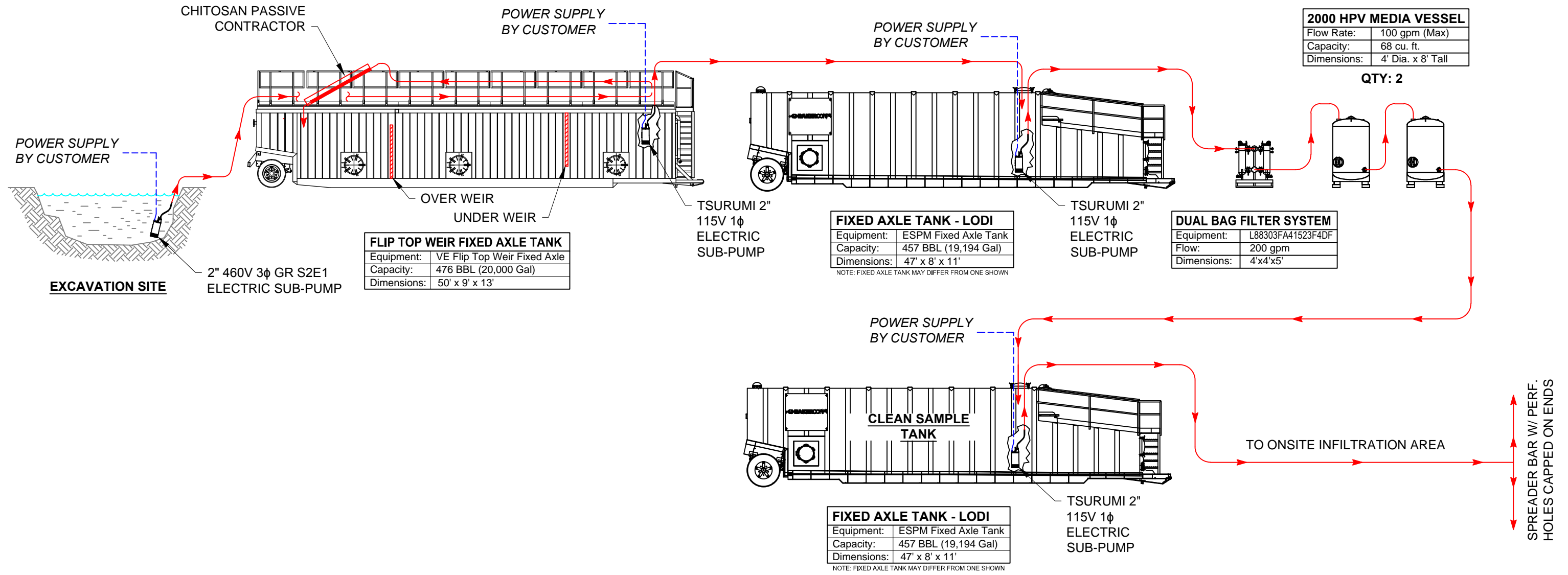


FIGURE 8
INITIAL BAKER TANK CONFIGURATION

The information presented on this drawing is for informational purposes only. Use of this drawing is not a replacement for a professional engineering evaluation of the application. This drawing is intended to show preliminary equipment requirements and arrangement and is in no way a replacement for a thorough engineering review of the application at hand. A representative of the customer or end user should always conduct the final evaluation of the application. That representative, and not BakerCorp Inc., or its employees and representatives, is responsible for the final engineering design and performance of the application.

No warranty is provided or implied, including any warranty of fitness for a particular purpose. As such, the customer agrees that by using the suggestions shown on this drawing, you assume the risk of all loss or injury resulting from any information found within. In no event shall BakerCorp, or any representative or agent thereof, be liable under any theory based in contract, negligence or strict liability or any other legal or equitable theory to any party for any amounts including, without limitation, lost revenues, lost profits, lost business or indirect, consequential, incidental, special or punitive damages. This disclaimer shall survive any and all notices advising of the possibility that any user may suffer harm from any inaccuracies contained herein.

The designs, information and data contained herein is proprietary and is submitted in confidence and shall not be disclosed, used or duplicated in whole or in part for any purposes whatsoever without prior written permission from Baker Corp. This document shall be returned to Baker Corp. on its demand. Receipt of this document shall be deemed to be an acceptance of the conditions specified herein.

SHEET SIZE: **B** 11" x 17"
MATERIAL:
FINISH:

BAKERCORP 3020 OLD RANCH PARKWAY
SEAL BEACH, CA 90740-2751

TITLE: AEG-2725 93RD SW OLYMPIA REMEDIATION SITE PROCESS FLOW DIAGRAM

CUSTOMER: ASSOCIATED ENVIRONMENTAL GROUP	BRANCH: SEA
DWG BY: M. BROOKS	DATE: 08-11-15
CKD BY: T. FERRIS	DATE: 08-11-15
SCALE: -	SHEET: 1 OF 1
DWG No: SKF2015	REV: -

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
UST-SS-7	C	7.0	7/29/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
D1B-14	P	14.0	7/29/2015	0.034	0.12	4.1	26	108	1,010	<250
D2B-14	C	14.0	7/29/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
D3B-14	C	14.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
UST-NS-8	C	8.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
Stock Pile 1	C	--	7/30/2015	<0.02	<0.10	0.12	<0.15	<10	<50	<250
Stock Pile 2	C	--	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
Stock Pile 3	C	--	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
Stock Pile 4	C	--	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	1,170	<250
G1B-14	P	14.0	7/30/2015	0.031	<0.10	0.067	0.40	77	<50	<250
G2B-14	C	14.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
D1L1-2	C	2.0	7/30/2015	--	--	--	--	--	<50	740
DD1-2	P	2.0	7/30/2015	--	--	--	--	--	2690	<250
DL-D2D3-2	C	2.0	7/30/2015	--	--	--	--	--	<50	<250
D3-L1-2	C	2.0	7/30/2015	--	--	--	--	--	<50	<250
DL2-D3D4-2	C	2.0	7/30/2015	--	--	--	--	--	<50	450
DL1-D3D4-2	C	2.0	7/30/2015	--	--	--	--	--	<50	<250
DL1-D4D5-2	P	2.0	7/30/2015	--	--	--	--	--	12,700	<250
DL2-D4D5-2	P	2.0	7/30/2015	--	--	--	--	--	12,400	<250
DL1-D5D6-2	C	2.0	7/30/2015	--	--	--	--	--	1,470	<250
GD1-3	C	3.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
GLD1D2-3	P	3.0	7/30/2015	0.11	0.11	0.14	1.03	21	<50	<250
GLD2D4-3	C	3.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
GD2-3	C	3.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
GD4-3	C	3.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
GL-D3D4-3	P	3.0	7/30/2015	0.96	0.47	2.51	5.98	124	<50	<250
GD3-3	C	3.0	7/30/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
DL2-D5D6-2	P	2.0	7/31/2015	--	--	--	--	--	5,140	<250
DL2-D6D7-2	P	2.0	7/31/2015	--	--	--	--	--	78,200	<250
DD2-3	P	3.0	7/31/2015	--	--	--	--	--	11,500	<250
DD3-3	C	3.0	7/31/2015	--	--	--	--	--	1,500	<250
DD4-3	P	3.0	7/31/2015	--	--	--	--	--	2,950	<250
DD5-3	P	3.0	7/31/2015	--	--	--	--	--	18,000	<250
DD6-3	P	3.0	7/31/2015	--	--	--	--	--	12,700	<250
DL-D7-D12-3	C	3.0	7/31/2015	--	--	--	--	--	<50	<250
DD12-3	P	3.0	7/31/2015	--	--	--	--	--	2,340	<250
DL-D11D12-3	C	3.0	7/31/2015	--	--	--	--	--	<50	<250
DD11-4	C	4.0	7/31/2015	--	--	--	--	--	160	<250

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
DL-D10D11-4	C	4.0	7/31/2015	--	--	--	--	--	260	<250
DD9-3	C	3.0	7/31/2015	--	--	--	--	--	<50	<250
DL-D8D9-4	C	4.0	7/31/2015	--	--	--	--	--	<50	<250
DL-D4D9-2.5	C	2.5	7/31/2015	--	--	--	--	--	<50	<250
DL-ND9-3	C	3.0	7/31/2015	--	--	--	--	--	<50	<250
DL-ND9-3	C	3.0	7/31/2015	--	--	--	--	--	<50	<250
DL-ND12-3	C	3.0	7/31/2015	--	--	--	--	--	<50	<250
DL-D6D11-3	P	3.0	8/2/2015	--	--	--	--	--	19,600	<250
DD7-3	P	3.0	8/2/2015	--	--	--	--	--	17,300	<250
DD-10-3	C	3.0	8/2/2015	--	--	--	--	--	<50	<250
GL-NDI-3.5	P	3.5	8/2/2015	5.13	50.3	110	342	9,360	<50	<250
EX-B-Center-18	C	18.0	8/5/2015	<0.02	<0.10	<0.05	<0.15	<10	<25	<40
S-NE-15	C	15.0	8/5/2015	<0.02	<0.10	<0.05	<0.15	<10	60	<40
EX-B-NE-17	C	17.0	8/5/2015	<0.02	<0.10	<0.05	<0.15	<10	<25	<40
EX-B-NW-18	C	18.0	8/5/2015	<0.02	<0.10	<0.05	<0.15	<10	55	<40
EX-B-N-18	C	18.0	8/5/2015	<0.02	<0.10	<0.05	<0.15	<10	<25	<40
ESS-7	P	7.0	8/6/2015	0.083	<10	0.63	2.2	56	<25	<40
S-W-7	C	7.0	8/10/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-W-10	P	10.0	8/10/2015	<0.02	<0.10	<0.05	<0.15	81	<50	<250
S-E-3	P	3.0	8/10/2015	<0.02	<0.10	0.087	0.66	67	<50	<250
S-E-7	P	7.0	8/10/2015	<0.4	<2	1.2	2.7	501	<50	<250
S-E-13	P	13.0	8/10/2015	<0.02	<0.10	0.11	0.3	38	<50	<250
E-B-7	P	7.0	8/10/2015	0.27	0.68	9	60	1,310	<50	<250
S-N-4	P	4.0	8/10/2015	0.097	0.12	1.8	6.3	125	<50	<250
S-N-8	P	8.0	8/10/2015	<0.4	2	4.1	12	1,360	<50	<250
EXE-B-13	P	13.0	8/10/2015	0.085	0.34	0.13	0.59	45	<50	<250
S-S-4	P	4.0	8/10/2015	0.02	<0.10	<0.05	0.2	15	<50	<250
S-S-10	P	10.0	8/10/2015	<0.02	<0.10	<0.05	<0.15	4,310	<50	<250
S-S2-5	C	5.0	8/10/2015	<0.02	<0.10	<0.05	<0.15	10	<50	<250
S-S2-10	C	10.0	8/10/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-S3-5	C	5.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-SE-5	C	5.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-S4-10	C	10.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-ESE-3	C	3.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-ESE-9	C	9.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-ESE-7	C	7.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
EX-EC-4	C	4.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
EX-EC-8	C	8.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
EX-EC-12	C	12.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
EX-ESE-4	P	4.0	8/11/2015	0.028	<0.10	0.29	2.02	52	<50	<250
EX-ESE-7	C	7.0	8/11/2015	<0.02	<0.10	0.13	0.67	23	<50	<250
EX-ESE-12	P	12.0	8/11/2015	<0.02	<0.10	0.26	1.02	46	<50	<250
EX-E-4	C	4.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
EX-E-8	C	8.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
EX-E-12	C	12.0	8/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-NNW-4	P	4.0	8/12/2015	0.13	105	19	72	2,298	<50	<250
S-NNW-8	P	8.0	8/12/2015	0.48	0.87	11	37	1,058	<50	<250
S-NNW-12	P	12.0	8/12/2015	0.025	<0.10	0.21	1.4	41	<50	<250
S-NC-4	C	4.0	8/12/2015	<0.02	<0.10	0.093	0.53	21	<50	<250
S-NC-8	P	8.0	8/12/2015	0.037	<0.10	0.49	1.3	168	<50	<250
S-NC-12	C	12.0	8/12/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-NNE-4	C	4.0	8/12/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-NNE-8	C	8.0	8/12/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-NNE-12	C	12.0	8/12/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
EX-SC-18	P	18.0	8/12/2015	<0.02	0.17	0.21	1.9	46	<50	<250
S-SW-4	C	4.0	8/12/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-SW-8	P	8.0	8/12/2015	0.35	1.4	7.6	32	720	<50	<250
S-SW-12	P	12.0	8/12/2015	0.88	0.27	2	7.2	240	<50	<250
S-S-4	C	4.0	8/13/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-S-10	P	10.0	8/13/2015	7.0	30	265	440	23,350	<50	<250
S-DNE-4	C	4.0	8/13/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-DW-7	C	7.0	8/13/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-DW2-7	C	7.0	8/13/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
C-D12-5	C	5.0	8/14/2015	--	--	--	--	--	<50	<250
S-NNW-4	C	4.0	8/14/2015	<0.02	<0.10	<0.05	0.2	<10	<50	<250
S-NNW-10	C	10.0	8/14/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-NNE-4	C	4.0	8/14/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-NNE-10	C	10.0	8/14/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
C-D11-5	C	5.0	8/14/2015	--	--	--	--	--	<50	<250
S-SW-4	P	4.0	8/14/2015	<0.02	<0.10	<0.5	0.23	60	<50	<250
S-SW-10	C	10.0	8/14/2015	<0.02	<0.10	<0.05	<0.15	22	<50	<250
DEX-B-10	C	10.0	8/17/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
DEX-B-6	P	6.0	8/17/2015	<0.02	<0.10	<0.05	<0.15	<10	7,680	<250
DEX-BSE-5	C	5.0	8/17/2015	--	--	--	--	--	<50	<250
DEX-BSE2-5	P	5.0	8/17/2015	0.085	0.78	3.9	16	910	<50	<250
GEX-B-9	P	9.0	8/17/2015	0.68	6.6	70	200	4.42	<50	<250
S-E-5	C	5.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-E-10	C	10.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-E-15	C	15.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-S-5	C	5.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-S-10	C	10.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-S-15	C	15.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-W-5	C	5.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S-W-10	C	10.0	8/18/2015	<0.02	<0.10	<0.05	0.16	10	<50	--
S-W-15	C	15.0	8/18/2015	<0.02	<0.10	0.27	0.36	26	<50	--
S-W-8	C	8.0	8/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
DEX-B5-5	P	5.0	8/18/2015	--	--	--	--	--	15,770	--
DEX-B6-5	C	5.0	8/18/2015	--	--	--	--	--	<50	--
DEX-B4-5	P	5.0	8/18/2015	--	--	--	--	--	24,440	--
GEX-BSE-7	P	7.0	8/18/2015	<0.2	<10	0.28	1.4	112	<50	<250
DEX-BD6-8	C	8.0	8/18/2015	--	--	--	--	--	1,380	<250
DEX-BD5-8	C	8.0	8/18/2015	--	--	--	--	--	<50	<250
DEX-BSE-11	C	11.0	8/19/2015	--	--	--	--	--	<50	<250
DEX-BC-8	C	8.0	8/19/2015	--	--	--	--	--	1,600	<250
GEX-B-18	C	18.0	8/19/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
S-SW-11	P	11.0	8/19/2015	<0.2	0.3	3.1	12	1,110	<50	<250
GEX-BSW-8	C	8.0	8/19/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
GEX-SW-11	P	11.0	8/19/2015	0.17	0.81	20	65	2,670	<50	<250
GEX-SW-17	P	17.0	8/19/2015	0.29	1.7	21	46	1,380	<50	<250
UST-SW-7	C	7.0	8/20/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
UST-SW-12	C	12.0	8/20/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
UST-SW-16	C	16.0	8/20/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
DEX-BE-6	C	6.0	8/20/2015	--	--	--	--	--	<50	<250
DEX-BSE-8	C	8.0	8/20/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
GEX-SSW-8	P	8.0	8/20/2015	0.033	0.17	3.1	8.8	560	<50	--
DEX-BD3S-6	C	6.0	8/20/2015	--	--	--	--	--	<50	<250
DEX-BD3N-5	C	5.0	8/20/2015	--	--	--	--	--	<50	<250
DEX-B-5	C	5.0	8/20/2015	--	--	--	--	--	944	<250
DEX-BD4N-5	C	5.0	8/20/2015	--	--	--	--	--	742	<250
E-WB-7	C	7.0	8/21/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
E-BW34-5	C	5.0	8/21/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-BW51-4	C	4.0	8/21/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-BW88-4	C	4.0	8/21/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
DEX-BD4S-7	C	7.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
E-SW-7	C	7.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
E-SW-13	C	13.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
E-B1-4	C	4.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B2-4	C	4.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B3-4	C	4.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B4-4	C	4.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B5-4	C	4.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B6-4	C	4.0	8/24/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B1-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B2-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B3-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B4-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B5-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B6-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B7-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B8-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
E-B9-10	C	10.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	--
GEX-B-12	C	12.0	8/25/2015	<0.02	<0.10	<0.03	<0.1	<10	<50	<250
E-B1-15	C	15.0	8/25/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B2-15	C	15.0	8/25/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B3-15	C	15.0	8/25/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B4-15	C	15.0	8/25/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B5-15	C	15.0	8/25/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B6-15	C	15.0	8/25/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B7-15	C	15.0	8/26/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B8-15	P	15.0	8/26/2015	<0.40	<2.0	<1.0	<3.0	<200	2,440	--
E-B9-15	C	15.0	8/26/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B2-16	C	16.0	8/26/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
E-B5-16	P	16.0	8/26/2015	2	7.5	81	183	5,070	4,210	--
E-BW110-17	C	17.0	8/31/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
DEEP EXCAVATION										
RAMP MIDDLE	P	10.0	10/15/2015	--	--	--	--	--	2,220	<250
BCE 20'	C	20.0	10/15/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
BCNE 20'	P	20.0	10/15/2015	<0.02	<0.10	0.18	0.25	39	<50	<250
BCNE 23'	C	23.0	10/15/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
UST BCNE 20'	C	20.0	10/15/2015	<0.02	<0.10	0.2	0.19	15	<50	<250
UST BCSE 20'	C	20.0	10/16/2015	<0.02	<0.10	<0.05	<0.15	<10	68	<250
UST BCNW 20'	C	20.0	10/16/2015	<0.02	<0.10	0.38	0.34	23	<50	<250
GDBC ESE 20'	C	20.0	10/16/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
GDBC NW 20'	C	20.0	10/16/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	<250
UST BCSW 20'	C	20.0	10/16/2015	<0.02	<0.10	<0.05	<0.15	12	<50	<250
GDBCC 20'	C	20.0	10/19/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
SBCE 20'	C	20.0	10/19/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
DGDBCNE 20'	C	20.0	10/19/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
NWBCNE 20'	C	20.0	10/19/2015	<0.02	<0.10	0.51	0.4	28	<50	--
GD BC S 20'	C	20.0	10/22/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
GD S 18.5'	P	18.5	10/23/2015	0.44	2.5	7.8	8.5	876	<50	--
GD BC SSE 20'	C	20.0	10/22/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
ST SE 18.5'	C	18.5	10/23/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
B CB E 18.5'	P	18.5	10/23/2015	5.2	8.4	26	36	2,580	<50	--
B CB CE 20'	P	20.0	10/23/2015	0.20	0.41	0.90	1.6	98	<50	--
ST BC S 20'	P	10.0	10/23/2015	0.31	1.0	3.4	11.4	501	<50	--
ST SW 17'	P	17.0	10/23/2015	0.10	0.72	1.4	2.7	257	<50	--
ST SW 18.5'	P	18.5	10/23/2015	<0.02	0.27	0.35	0.66	47	<50	--
ST BCS 23'	C	23.0	10/23/2015	<0.02	0.19	<0.05	<0.15	<10	<50	--
ST SW BC 20'	C	20.0	10/23/2015	<0.02	0.20	<0.05	<0.15	<10	<50	--
GD S-20' D3 18.5'	P	18.5	10/23/2015	0.033	<0.10	0.21	0.38	9.2	<50	--
GD S-20' D2 20'	C	20.0	10/22/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
D1 B SW 18'	C	18.0	11/5/2015	<0.02	<0.2	<0.05	<0.15	<10	<50	--
D3 B S 19'	P	19.0	11/5/2015	0.042	0.25	0.26	0.37	27	<50	--
D1 B SW 20'	C	20.0	11/5/2015	<0.02	<0.2	<0.05	<0.15	<10	<50	--
D1 BSW 7'	P	7.0	11/6/2015	<0.02	<0.20	<0.05	<0.15	<10	10,600	--
D1 BSW 8'	C	8.0	11/6/2015	<0.02	<0.20	<0.05	<0.15	<10	<50	--
D1 B N 18'	P	18.0	11/9/2015	0.38	0.88	0.46	1.6	49	<50	--
D2 B SW 18'	P	18.0	11/9/2015	0.38	0.76	2.4	3.6	190	<50	--
S2C B N 18'	P	18.0	11/9/2015	0.26	1.3	3.3	5.1	277	<50	--

Table 1 - Summary of Soil Analyticals
Restover Truck Stop

Sample Number	Sample Type	Depth (feet)	Date Analyzed	Volatile Organic Compounds (mg/kg)				Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
				Benzene	Toluene	Ethylbenzene	Xylenes			
S2C BCNW 18'	P	18.0	11/9/2015	0.42	1.3	3.0	5.6	240	<50	--
BCBEC 23'	C	23.0	11/10/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S2CBCNW 20'	C	20.0	11/10/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S2CBCNE 20'	C	20.0	11/10/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S2CBCTE 20'	C	20.0	11/10/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2 D1 W 7'	C	7.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2D1 SW 7'	C	7.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2 S10' D1 7'	C	7.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2 SW10' D2 7'	C	7.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2 SE10' D2 7'	P	7.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	7,280	--
2D1 BN 18'	C	18.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2D1BSW 18'	C	18.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
DFDBC 18.5'	C	18.5	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
2BCBE 18.5'	C	18.5	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
DFDBC 23'	C	23.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S2CBCTCT 20'	C	20.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
S2CBTW 20'	C	20.0	11/11/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
D5 BC 20'	C	20.0	11/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
D10 BC 20'	C	20.0	11/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
5'E D3 BC 20'	P	20.0	11/18/2015	0.26	0.24	0.52	16	42	<50	--
5'E D9 BC 20'	P	20.0	11/18/2015	0.11	0.11	0.23	0.30	17	<50	--
3 SE 15' D2 7'	C	7.0	11/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
3 D1 BCN 20'	P	20.0	11/18/2015	0.07	0.13	<0.05	0.36	16	<50	--
S10' ST SW 18'	C	18.0	11/18/2015	<0.02	<0.10	<0.05	<0.15	<10	<50	--
Practical Quantitation Limit (mg/kg)				0.02	0.1	0.05	0.15	10	50	250
MTCA Method A Cleanup Levels (mg/kg)				0.03	7	6	9	30*	2,000	2,000

Notes:

* Benzene present

mg/kg = milligrams per kilogram

"<" not detected above laboratory detection limits.

Red Bold indicates the detected concentration exceeds Ecology MTCA Method-A cleanup level

Bold indicates the detected concentration is below the MTCA Method-A cleanup level

Practical Quantitation Limit = Laboratory detection limit

-- Not analyzed for this constituent

P = Performance Sample - Sample later over excavated

C = Confirmation Sample

Table 2 - Summary of Groundwater Treatment Analyticals and Mass Removal
Restover Truck Stop
12-116

Sample Number	Volume Treated (Gallons)	Location of Grindex pump	Cumulative Gallons Treated	Depth (feet)	Date Analyzed	Volatile Organic Compounds (ug/L)				Gasoline (ug/L)	Diesel (ug/L)	Estimated Concentrations Gas (ug/L)	Est. removed (Lbs)	Cumulative Gas Removed (Lbs)
						Benzene	Toluene	Ethylbenzene	Xylenes					
EXCAV. TEST WATER	0	Bailer/Center of Excavation	0	-	10/22/2015	7.7	8.1	13	77	3810	<200	-	-	-
TB-1	20,000	SE Corner	20,000	-	10/29/2015	<1	<1000	<700	<1000	<800	<500	3,810	1.9050	1.9050
TB-2	20,000	SE Corner	40,000	-	11/3/2015	<1	<1000	<700	<1000	<800	<500	2,600	1.3750	3.2800
TB-3	20,000	SE Corner	60,000	-	11/11/2015	<1	<1000	<700	<1000	<800	<500	1,750	0.9000	4.1800
TB-4	20,000	NW Corner	80,000	-	11/19/2015	<1	<1000	<700	<1000	<800	<500	-	-	-
PRT1	5,000	NW Corner	85,000	-	11/24/2015	<1	<1000	<700	2.7	1370	<500	-	-	-
PRT2	35,000	NW Corner	120,000	-	11/24/2015	<1	<1000	<700	1.7	1070	<500	-	-	-
TB-4F	60,000	NW Corner	135,000	-	11/24/2015	<1	<1000	<700	<1000	<800	<500	1,070	0.5350	4.7150
PLTB-5	60,000	NW Corner	195,000	-	12/3/2015	<1	<1000	<700	<1000	<800	<500	-	-	-
TB-5	60,000	NW Corner	195,000	-	12/3/2015	<1	<1000	<700	<1000	<800	<500	500	0.2500	4.9650
PRT-6	30,000	NW Corner	225,000	-	12/9/2015	<1	<1000	<700	<1000	126	<500	-	-	-
TB-6	60,000	NW Corner	255,000	-	12/14/2015	<1	<1000	<700	<1000	<800	<500	126	0.0630	5.0280
PRT1-7	10,000	NW Corner	265,000	-	12/14/2015	<1	<1000	<700	<1000	<800	<500	-	-	-
PRT2-7	50,000	NW Corner	315,000	-	12/14/2015	<1	<1000	<700	<1000	<800	<500	-	-	-
Open excavation groundwater column testing for Direct Discharge														
EX1'NWW	-	-	315,000	1	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EX4'NWW	-	-	315,000	4	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT8'NWW	-	-	315,000	8	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT1'SW	-	-	315,000	1	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT4'SW	-	-	315,000	4	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT8'SW	-	-	315,000	8	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT1'EW	-	-	315,000	1	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT4'EW	-	-	315,000	4	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
EXT8'EW	-	-	315,000	8	1/6/2016	<1	<1000	<700	<1000	<800	<500	-	-	-

Table 2 - Summary of Groundwater Treatment Analyticals and Mass Removal
Restover Truck Stop
12-116

Sample Number	Volume Treated (Gallons)	Location of Grindex pump	Cumulative Gallons Treated	Depth (feet)	Date Analyzed	Volatile Organic Compounds (ug/L)				Gasoline (ug/L)	Diesel (ug/L)	Estimated Concentrations Gas (ug/L)	Est. removed (Lbs)	Cumulative Gas Removed (Lbs)
						Benzene	Toluene	Ethylbenzene	Xylenes					
Direct Discharge without carbon treatment system for dewatering														
FT-1	-	-	320,000	-	1/7/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
DD-1	-	-	352,000	-	1/19/2016	<1	<1000	<700	<1000	<800	<500	-	-	-
Practical Quantitation Limit (ug/L)						1	2	1	3	100	200	-	-	-
MTCA Method A Cleanup Levels (ug/L)						5	1,000	700	1,000	800*	500	-	-	-

Notes:

* Benzene present

ug/L = micrograms per liter

"<" not detected above laboratory detection limits.

Red Bold indicates the detected concentration exceeds Ecology MTCA Method-A cleanup level

Bold indicates the detected concentration is below the MTCA Method-A cleanup level

Practical Quantitation Limit = Laboratory detection limit

-- Not analyzed for this constituent

TB = Test Batch after Carbon treatment to be discharged

TB-(x)F = Test Batch Final

PRT = Pre - Sample collected from inlet of excavation water into pre-treatment Baker Tank #1

PLTB = Pre Lag Test Batch (after 1st Carbon canister for measuring saturation point of media)

Lbs = Pounds

FT = Flow through test sample without carbon

DD = Direct Discharge without carbon

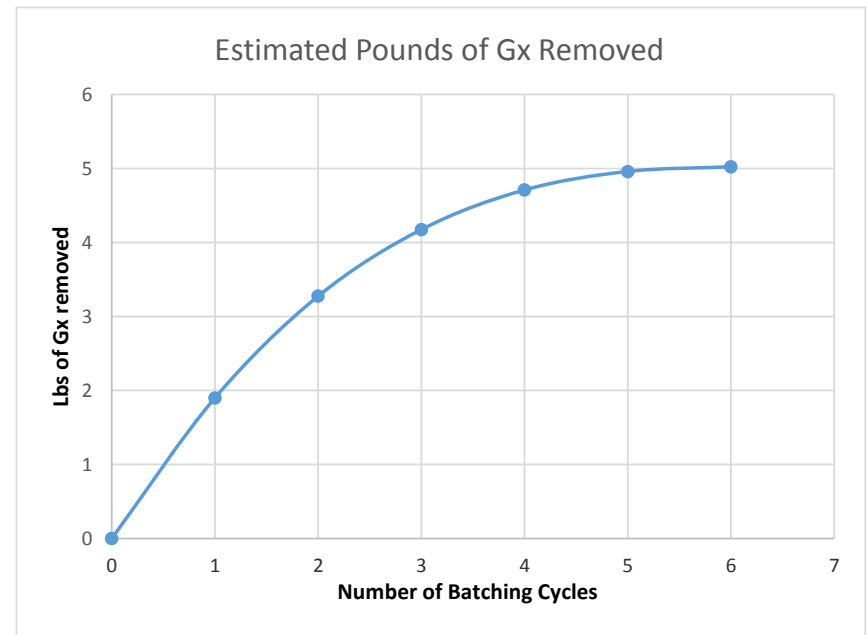
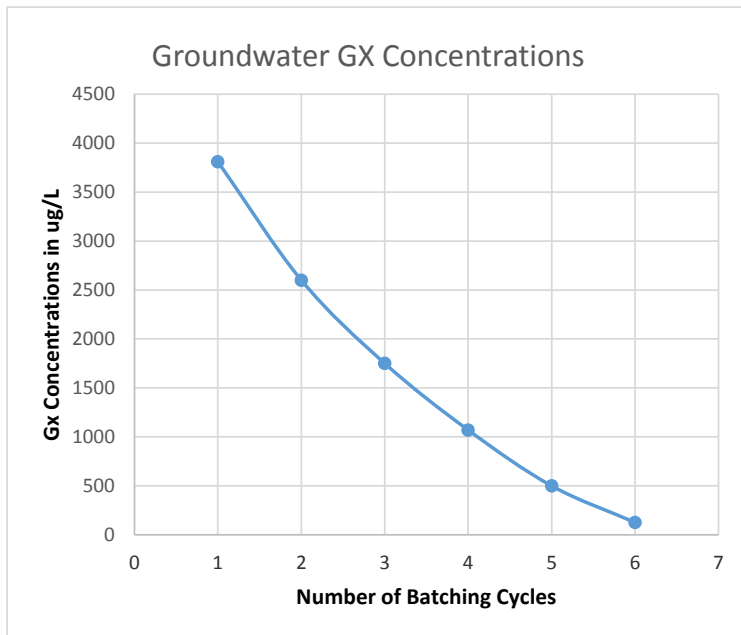


Table 3
Groundwater Analytical Summary
Restover Truck Stop

Sample Number	Date Collected	Volatile Organic Compounds (µg/l)				Total Petroleum Hydrocarbons (TPH) (µg/l)		
		Benzene	Toluene	Ethylbenzene	Xylenes	Gasoline	Diesel	Heavy Oil
MW-1	1/5/2016	<1.0	<1.0	<1.0	<3.0	<100	<250	<500
MW-1	3/28/2016	1.3	<1.0	<1.0	<1.0	<100	<250	<500
MW-2	1/5/2016	<1.0	<1.0	<1.0	<3.0	<100	<250	<500
MW-2	3/28/2016	<1.0	<1.0	<1.0	<3.0	<100	<250	<500
MW-3	1/5/2016	<1.0	<1.0	<1.0	<3.0	<100	<250	<500
MW-3	3/28/2016	<1.0	<1.0	<1.0	<3.0	<100	<250	<500
PQL (µg/l)		1.0	1.0	1.0	3.0	100	250	500
MTCA Method A Cleanup Levels (µg/l)		5.0	1,000	700	1000.0	800*	500	500

Notes:

µg/l = micrograms per liter

Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level

Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels

* TPH-Gasoline Cleanup Level with the presence of Benzene anywhere at the Site

< Not detected at the concentration shown (laboratory detection limit)

PQL = Practical Quantification Limit (laboratory detection limit)

APPENDIX A

Site Photographs



Gasoline fuel dispenser islands

Photo #1: After demolition of building and dispensers.



Photo #2: Looking southwest from UST area, store foundation in center by excavator.



Photo #3: Demolition of concrete slab on grade structures.



6,000 gallon gasoline UST 2

Photo #4: Initial groundbreaking for UST removal.



Gasoline Tank 2

Photo #5: Gasoline tank 2.



Diesel fuel UST 3

Photo #6: Diesel tank 3.



Photo #7: Diesel Dispenser containment and line exposure.



Photo #8: Product line trench soil sampling.



Photo #9: Removal of deeper soils beneath the dispenser islands to find lateral and vertical extents.



Photo #10: Excavation to depth of groundwater, some soils retained for reuse if not contaminated.



Photo #11: Non-contaminated reusable native backfill.



Photo #12: Quarry spall base being spread to northeast.



Photo #73: Scraping of overcompacted aquatard till at approximately 20 feet bgs. Removing top 6 inches with flat edged excavator bucket prior to spalls.



Photo #14: Introduction of Regenesis products into groundwater. Observed bubbling.



Photo #15: Backfill on eastern half of site. Looking East-northeast. Water level above spalls



Photo #16: Rotary pump area for pump and treat system.



Photo #17: Pump inlet pipe background, discharge line foreground.



Photo #18: Groundwater treatment system, Carbon vessels and 6 pretreatment Baker Tanks on left, 3 post treatment, clean discharge tanks.



Photo #19: *Groundwater at 8 feet bgs*



Photo #80: *Looking southeast at high water table*



Photo #21: *Casting spalls into water table*



Photo #22: *Approaching final fill to above groundwater*



Photo #23: *Backfilling into water with spalls. Water at 8 feet bgs*



Photo #24: *Spalls to top of water table at 8 feet bgs*



Photo #25: *Final cleaning of baker tanks and carbon vessels*



Photo #96: *Looking Northwest finish grade*



Photo #27: *Looking Northeast finish grade*



Photo #28: *Looking East finish grade*



Photo #29: *Finished to grade looking Southeast*



Photo #30: *Black Lake Quarry quality control site visit.*

APPENDIX B

Supporting Documents:

Laboratory Analytical Results



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 16, 2015

Shawn Lombardini
 Associated Environmental Group, LLC
 605 11th Avenue SE, Suite 201
 Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

Sample: TB-6						
Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ unless otherwise noted	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha) NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils). a: No surface water standard, value is laboratory quantitation level. *: Or equivalent						

Sincerely,

Sherry L. Chilcutt
 Senior Chemist
 Libby Environmental, Inc.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 16, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151214-2

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	12/14/15	nd	nd	nd	nd	nd	103
LCS	12/14/15	98%	110%				106
PRT-1 TB-7	12/14/15	nd	nd	nd	nd	nd	105
PRT-2 TB-7	12/14/15	nd	nd	nd	nd	nd	93
PRT-2 TB-7 Dup	12/14/15	nd	nd	nd	nd	nd	104
TB-6	12/14/15	nd	nd	nd	nd	nd	77
PRT-2 TB-7 MS	12/14/15	105%	94%				114
PRT-2 TB-7 MSD	12/14/15	102%	106%				107
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151214-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/14/15	97	nd
PRT-1 TB-7	12/14/15	104	nd
PRT-2 TB-7	12/14/15	100	nd
TB-6	12/14/15	93	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 12.14.15

Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE E.

Project Name: RESTORER

City: OLYMPIA State: WA Zip:

Location: TUMWATER City, State: WA

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection: 12.14

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes				
					VOC 8260	NWTPH-Gx	BTEX 8021 8260	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals			
1 PRE-1 TB-67	-	1000	H ₂ O	1 AMS 3 VOA	X	X	X													* 5 DAY TAT
2 PRE-2 TB-67	-	1230	↓		↓	↓	↓													* 5 DAY TAT
3 TB-6	-	1030	↓		↓	↓	↓													* RUSH *
4																				12-14-15 sample
5																				name change
6																				per Shawn
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by: [Signature] Date / Time: 12.14.15 1330
 Received by: Rodney Gray Date / Time: 12-14-15 1330
 Relinquished by: [Signature] Date / Time: 12.14.15 1330
 Received by: Rodney Gray Date / Time: 12-14-15 1330
 Relinquished by: [Signature] Date / Time: 12.14.15 1330
 Received by: Rodney Gray Date / Time: 12-14-15 1330

Sample Receipt		Remarks:
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Temp.	-0.3 °C	
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	
Total Number of Containers	12	TAT: 24HR 48HR 5-DAY

If of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 9, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151208-8

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	12/2/15	nd	nd	nd	nd	nd	88
LCS	12/2/15	90%	87%				89
PRT-6	12/2/15	nd	nd	nd	nd	126	92
L151202-3 MS	12/2/15	88%	71%				74
L151202-3 MSD	12/2/15	93%	76%				74
		76					
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151208-8

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/9/15	100	nd
PRT-6	12/9/15	100	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

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

Date: 12.8.15 Page: 1 of 1

Client: NEC

Project Manager: SHAWN

Address: 605 11th AVE SE

Project Name: RESTORE

City: OLY. State: WA Zip: 98105

Location: 2725 93 RD SW City, State: WA

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 12.8.15

Client Project # 12-116

Email: SLOMBARDINI@NECWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 <u>PRT-6</u>	<u>-</u>	<u>1400</u>	<u>H₂O</u>	<u>3 VOA 1 AMBER</u>	<u>X</u>	<u>X</u>	<u>X</u>												
2																			
3																			
4																			
5																			
6																			
7																			
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9																			
10																			
11																			
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14																			
15																			
16																			
17																			

Relinquished by: <u>[Signature]</u>	Date / Time: <u>12.8.15 1500</u>	Received by: <u>[Signature]</u>	Date / Time: <u>12-8-15/1501</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers	Remarks: TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 4, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Tumwater, Washington
Libby Project # L151202-4
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	12/2/15	nd	nd	nd	nd	nd	87
LCS	12/2/15	97%	87%				87
TB-5	12/2/15	nd	nd	nd	nd	nd	87
L151202-3 MS	12/2/15	89%	67%				78
L151202-3 MSD	12/2/15	86%	66%				73
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151202-4

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/3/15	100	nd
TB-5	12/3/15	95	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 12/2/15 Page: 1 of 1

Client: AEG

Project Manager: Shawn Lombardini

Address: 605 11th Ave SE, Suite 201

Project Name: Restover

City: Olympia State: WA Zip: 98501

Location: 2725 93rd Ave SW City, State: Olympia, WA

Phone: 360 352 9835 Fax: 360 352 8164

Collector: Nicolas Pushckor Date of Collection: 12/2/15

Client Project # 12-116

Email: npushckor@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes										
					VOA 802-1B	VOA 802-1B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals											
1	TB-5	-	1605 water	VOA/Amber	X					X	X														
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									

Relinquished by: <u>MW PMW</u>	Date / Time: <u>12/2/15 1635</u>	Received by: <u>Maia Friedrich</u>	Date / Time: <u>12/2/15 435</u>	Sample Receipt:	Remarks:	
Relinquished by:	Date / Time:	Received by:	Date / Time:		Good Condition?	<u>Ecology EIM Format</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:		Cold?	
Relinquished by:	Date / Time:	Received by:	Date / Time:		Seals Intact?	
				Total Number of Containers	TAT: <u>24HR</u> 48HR 5-DAY	

in the event of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 4, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151202-3

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	12/2/15	nd	nd	nd	nd	nd	87
LCS	12/2/15	97%	87%				87
PLTB-5	12/2/15	nd	nd	nd	nd	nd	86
L151202-3 MS	12/2/15	89%	67%				78
L151202-3 MSD	12/2/15	86%	66%				73
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151202-3

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/3/15	100	nd
PLTB-5	12/3/15	95	nd
PLTB-5 Dup	12/3/15	100	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 12/2/15 Page: 1 of 1

Client: AEU

Project Manager: Shawn Lombardini

Address: 605 11th Ave SE, Suite 201, Olympia, WA

Project Name: Restover

Phone: 360 352 9835 Fax: 360 352 8164

Location: 2725 93rd Ave SW City: Olympia, WA

Client Project # 12-116

Collector: Nicolas Pushkor Date of Collection: 12/2/15



Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8280	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals	Field Notes
1	<u>—</u>	<u>1400</u>	<u>water</u>	<u>VOA/Amber</u>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															

Relinquished by: <u>MH BWH</u>	Date / Time: <u>12/2/15 1635</u>	Received by: <u>Maria Friedrich</u>	Date / Time: <u>12/2/15 435</u>	Sample Receipt: Good Condition? <input type="checkbox"/> Cold? <input type="checkbox"/> Seals Intact? <input type="checkbox"/> Total Number of Containers: <input type="text"/>	Remarks: <u>TAT: 5-day</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 25, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Tumwater, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151119-2

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	11/24/15	nd	nd	nd	nd	nd	68
LCS	11/24/15	65%	96%				75
PRT1	11/24/15	nd	nd	nd	2.7	1370	76
TB4F	11/24/15	nd	nd	nd	nd	nd	92
PRT2	11/24/15	nd	nd	nd	1.7	1070	92
L151120-3 MS	11/24/15	97%	101%				101
L151120-3 MSD	11/24/15	92%	91%				96
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151119-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/20/15	100	nd
PRT1	11/20/15	111	nd
TB4F	11/20/15	107	nd
PRT2	11/20/15	115	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 11/19/15

Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: RESTOVER

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE. City, State: TUMWATER.

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection: 11-19-15

Client Project #

Email: SLOMBARDINI



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals							
1 PRT 1	-	1000	H ₂ O	6 AMBER 3 VOA	X	X	X																
2 TB4F	-	1020	"	"	↓	↓	↓																
3 PRT 2	-	1300	"	"																			
4																							
5																							
6																							
7																							
8																							
9																							
10																							
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14																							
15																							
16																							
17																							

Relinquished by: *[Signature]* Date / Time: 1350 11/19/15
 Received by: *[Signature]* Date / Time: 11/19/15 1350

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	3.2 °C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	12

Remarks:
 TAT: 24HR / 48HR / 5-DAY

of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 20, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151118-5

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/18/15	nd	nd	nd	nd	nd	94
Method Blank	11/19/15	nd	nd	nd	nd	nd	
LCS	11/18/15	110%	99%				104
D5 BC @ 20'	11/18/15	nd	nd	nd	nd	nd	109
D10 BC @ 20'	11/18/15	nd	nd	nd	nd	nd	98
5' E D3 BC @ 20'	11/18/15	0.26	0.24	0.52	16	42	74
5' E D9 BC @ 20'	11/18/15	0.11	0.11	0.23	0.30	17	82
3 SE 5' D2 @ 7'	11/18/15	nd	nd	nd	nd	nd	91
3 D1 BCN @ 20'	11/19/15	0.070	0.130	nd	0.24	14	135
3 D1 BCN @ 20' Dup	11/19/15	0.067	0.120	nd	0.36	16	111
S 10' ST SW @ 18'	11/18/15	nd	nd	nd	nd	nd	98
S 10' ST SW @ 18' Dup	11/18/15	nd	nd	nd	nd	nd	98
D5 BC @ 20' MS	11/18/15	104%	123%				95
D5 BC @ 20' MSD	11/18/15	91%	108%				76
3 D1 BCN @ 20' MS	11/19/15	90%	104%				75
3 D1 BCN @ 20' MSD	11/19/15	86%	99%				76
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Tumwater, Washington
Libby Project # L151118-5
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/18/15	100	nd
D5 BC @ 20'	11/18/15	101	nd
D10 BC @ 20'	11/18/15	94	nd
5' E D3 BC @ 20'	11/18/15	101	nd
5' E D9 BC @ 20'	11/18/15	107	nd
3 SE 15' D2 @ 7'	11/18/15	92	nd
3 D1 BCN @ 20'	11/18/15	109	nd
S 10' ST SW @ 18'	11/18/15	98	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich & Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151118-5

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	11/18/15	nd	nd	nd	nd	nd	73
LCS	11/18/15	120%	98%				82
TB4	11/18/15	nd	nd	nd	nd	nd	94
L151117-6 MS	11/18/15	94%	72%				90
L151117-6 MSD	11/18/15	106%	78%				79
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151118-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/19/15	100	nd
TB4	11/19/15	103	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich & Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.18.15 Page: 1 of 1

Client: ARB

Project Manager: JHAWN

Address: 605 11th AVE SE

Project Name: RESOLVE

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE E City, State: TUMWATER WA

Phone: 360 352 9835 Fax:

Collector: JHAWN Date of Collection: 11.18

Client Project # 12-116

Email: SLOMBARDINI@ARBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals		
1 DS BC @ 20'	20'	0900	Soil	2 VOA 1 Jar	X	X		X										RUSH
2 D10 BC @ 20'	20'	0930																RUSH
3 5' E D3 BC @ 20'	20'	1000																RUSH
4 5' E D9 BC @ 20'	20'	1030																RUSH
5 3 SE 15 D2 @ 7'	7'	1100																RUSH
6 3 DI BC @ 20'	20'	1130																RUSH
7 S 10' STSW @ 18'	18'	1200																RUSH
8 TB 4	-	1230	H ₂ O	1 AMBER 3 VOA														48H 24HR TAT
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 11.18.15 1300
 Received by: [Signature] Date / Time: 11-18-15 130

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt		Remarks:
Good Condition?	Y N	
Temp.	°C	
Seals Intact?	Y N N/A	
Total Number of Containers		TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 16, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151113-4
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	96
LCS	11/11/15	94%	92%				97
2 D1 W @ 7'	11/11/15	nd	nd	nd	nd	nd	96
2 D1 SW @ 7'	11/11/15	nd	nd	nd	nd	nd	97
2 S10' D1 @ 7'	11/11/15	nd	nd	nd	nd	nd	97
2 SW10' D2 @ 7'	11/11/15	nd	nd	nd	nd	nd	96
2 SE10' D2 @ 7'	11/11/15	nd	nd	nd	nd	nd	100
2 S10' D1 @ 7' Dup	11/11/15	nd	nd	nd	nd	nd	95
2 D1 W @ 7' MS	11/11/15	99%	98%				96
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151113-4
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/16/15	100	nd
2 D1 W @7'	11/16/15	107	nd
2 D1 SW @ 7'	11/16/15	97	nd
2 S10' D1 @ 7'	11/16/15	102	nd
2 SW10' D2 @ 7'	11/16/15	99	nd
2 SE10' D2 @ 7'	11/16/15	int	6570
2 SE10' D2 @ 7' Dup	11/16/15	int	7280
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.13.11 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE

Project Name: RESTOVER

City: OLYPIA State: WA Zip: 98501

Location: 2725 93RD AVE City, State: TUMWAC

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 11-13-15

Client Project # 12-116

Email: SHAWN.SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes									
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-DX	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals										
1 2 DI W @ 7'	7'	120630	SOIL	2 JONS 1 JAR	X	X		X																	
2 2 DISW @ 7'	↓	121030	↓	↓	↓	↓		↓																	
3 2 SIO' DI @ 7'	↓	120000	↓	↓	↓	↓		↓																	
4 2 SWID'DZ @ 7'	↓	123610	↓	↓	↓	↓		↓																	
5 2 SE 10' DZ @ 7'	↓	1240	↓	↓	↓	↓		↓																	
6																									
7																									
8																									
9																									
10																									
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Relinquished by: <u>[Signature]</u>	Date / Time: <u>11.13.15 1430</u>	Received by: <u>[Signature]</u>	Date / Time: <u>11/13/15 230</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers: <u>15</u>	Remarks: TAT: <u>24HR</u> 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 13, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151111-3

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	110
LCS	11/11/15	108%	87%				111
2D1BN @ 18'	11/11/15	nd	nd	nd	nd	nd	114
2D1BSW @ 18'	11/11/15	nd	nd	nd	nd	nd	108
DFDBC @ 18.5'	11/11/15	nd	nd	nd	nd	nd	109
2BCBE @ 18.5'	11/11/15	nd	nd	nd	nd	nd	108
DFDBC @ 23'	11/11/15	nd	nd	nd	nd	nd	99
S2CBCTCT @ 20'	11/11/15	nd	nd	nd	nd	nd	104
S2CCTW @ 20'	11/11/15	nd	nd	nd	nd	nd	109
S2CCTW @ 20' Dup	11/11/15	nd	nd	nd	nd	nd	85
S2CCTW @ 20' MS	11/11/15	110%	86%				102
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151111-3

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/12/15	107	nd
2D1BN @ 18'	11/12/15	105	nd
2D1BSW @ 18'	11/12/15	112	nd
DFDBC @ 18.5'	11/12/15	102	nd
2BCBE @ 18.5'	11/12/15	109	nd
DFDBC @ 23'	11/12/15	107	nd
S2CBCTCT @ 20'	11/12/15	109	nd
S2CCTW @ 20'	11/12/15	108	nd
S2CCTW @ 20' Dup	11/12/15	103	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: **11.11.15** Page: **1** of **1**

Client: **AEI, LLC**

Project Manager: **Shawn Lombardini**

Address: **605 11th Ave**

Project Name: **RESOVER**

City: **OLYMPIA** State: **WA** Zip: **98501**

Location: **2725 93RD** City, State: **TAMMETER! Olympia**

Phone: **360-352-9835** Fax:

Collector: **SHAWN** Date of Collection: **11.11.15**

Client Project # **12-116**

Email: **SLOMBARDINI@AEIWA.COM**



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 2DIBN@18'	18'	1000	SOIL	2 LON 1 JXR	X	X	X											
2 2DIBSW@18'	18'	1030	↓	↓	↓	↓	↓											
3 DFDBC@18.5'	18.5'	1100	↓	↓	↓	↓												
4 2BCBE@18.5'	18.5'	1130	↓	↓	↓	↓												
5 DFDBC@23'	23'	1330	↓	↓	↓	↓												
6 S2CBCT@20'	20'	1400	↓	↓	↓	↓												
7 S2CCTW@20'	20'	1500	↓	↓	↓	↓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by:	Date / Time: 1620 11.11.15	Received by:	Date / Time: 11-11-15 415	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers: _____ TAT: 24HR 48HR 5-DAY	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

I of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law. Distribution: White - Lab, Yellow - File, Pink - Originator



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 13, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/10/15	nd	nd	nd	nd	nd	114
LCS	11/10/15	104%	90%				104
BCBEC @ 23'	11/10/15	nd	nd	nd	nd	nd	117
BCBEC @ 23' Dup	11/10/15	nd	nd	nd	nd	nd	112
S2CBCNW @ 20'	11/10/15	nd	nd	nd	nd	nd	108
S2CBCNE @ 20'	11/10/15	nd	nd	nd	nd	nd	126
S2CBCTE @ 20'	11/10/15	nd	nd	nd	nd	nd	119
BCBEC @ 23' MS	11/10/15	103%	92%				109
BCBEC @ 23' MSD	11/10/15	103%	87%				113
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151110-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/10/15	111	nd
BCBEC @ 23'	11/10/15	112	nd
BCBEC @ 23' Dup	11/10/15	107	nd
S2CBCNW @ 20'	11/10/15	109	nd
S2CBCNE @ 20'	11/10/15	111	nd
S2CBCTE @ 20'	11/10/15	101	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	110
LCS	11/11/15	108%	87%				111
TB-3	11/11/15	nd	nd	nd	nd	nd	108
TB-3 Dup	11/11/15	nd	nd	nd	nd	nd	94
TB-3 MS	11/11/15	105%	89%				106
TB-3 MSD	11/11/15	109%	91%				90
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151110-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/11/15	103	nd
TB-3	11/11/15	96	nd
TB-3 Dup	11/11/15	108	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 11/10/15

Page: 1 of 1

Client: AEG

Project Manager: Shawn

Address: 605 11th Ave E.

Project Name: Restover

City: OLYMPIA State: WA Zip: 98505

Location: 2725 93RD AVE City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Shawn Date of Collection: 11/10/15

Client Project # 12-116

Email: SLOMBARDONE@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 BCBEC @ 23'	23'	930	SOIL	2 VOA 1 JAR	X	X		X										
2 SZCBINW @ 20'	20'	1220	↓	↓	↓	↓												
3 SZCBCNEC @ 20'	20'	1320	↓	↓	↓	↓												
4 TB-3	-	1440	H2O	1 AMBOL 3 VOA'S														* 24 TAT
5 SZCBCTE @ 20'	20'	1520	SOIL	2 VOA 1 JAR														
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: Date / Time: 11/10/15 1552

Received by: Date / Time: 11/10/15 1552

Sample Receipt	
Good Condition?	(Y) N
Temp.	°C
Seals Intact?	(Y) N N/A
Total Number of Containers	16

Remarks: ML
TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 12, 2015

Shawn Lombardini
 Associated Environmental Group, LLC
 605 11th Avenue SE, Suite 201
 Olympia, WA 98501

Dear Mr. Lombardini:

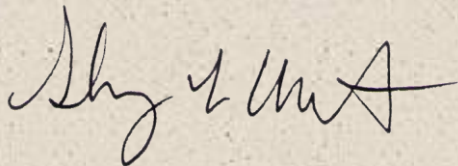
Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

Sample: TB-1						
Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ unless otherwise noted	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha) NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils). a: No surface water standard, value is laboratory quantitation level. * : Or equivalent						

Sample: TB-2						
Pollutant & CAS No. <i>(if available)</i>	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ <i>unless otherwise noted</i>	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
<p>NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha)</p> <p>NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).</p> <p>a: No surface water standard, value is laboratory quantitation level.</p> <p>* : Or equivalent</p>						

Sample: TB-3						
Pollutant & CAS No. <i>(if available)</i>	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ <i>unless otherwise noted</i>	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
<p>NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha)</p> <p>NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).</p> <p>a: No surface water standard, value is laboratory quantitation level.</p> <p>* : Or equivalent</p>						

Sincerely,



Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

Chain of Custody Record

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

Date: 11/10/15 Page: 1 of 1

Client: AEG

Project Manager: Shawn

Address: 605 11th AVE E.

Project Name: Restover

City: OLYMPIA State: WA Zip: 98505

Location: 2725 93RD AVE City, State: Olympia, Wa

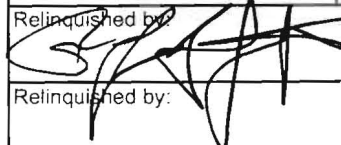
Phone: 360 352 9835 Fax:

Collector: Shawn Date of Collection: 11/10/15

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM

Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HC/D	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals		
1 BCBEC@23'	23'	930	SOIL	2 VOA 1 JAR	X	X		X										
2 SZCRINW@20'	20'	1220	↓		↓	↓		↓										
3 SZCBCNE@20'	20'	1320	↓		↓	↓		↓										
4 TB-3	-	1440	H2O	1 AMBER 3 VOA'S	↓	↓		↓										#24 TAT
5 SZCBCTE@20'	20'	1520	SOIL	2 VOA 1 JAR	↓	↓		↓										
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: 	Date / Time: <u>11/10/15 1552</u>	Received by: <u>Nancy Gray</u>	Date / Time: <u>11/10/15 1552</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>16</u>	Remarks: TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/11/15	103	nd
TB-3	11/11/15	96	nd
TB-3 Dup	11/11/15	108	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021b) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	110
LCS	11/11/15	108%	87%				111
TB-1	11/11/15	nd	nd	nd	nd	nd	108
TB-1 Dup	11/11/15	nd	nd	nd	nd	nd	94
TB-1 MS	11/11/15	105%	89%				106
TB-1 MSD	11/11/15	109%	91%				90
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 10, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151109-1
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/9/15	nd	nd	nd	nd	nd	88
LCS	11/9/15	108%	88%				99
S2C B N @ 18'	11/9/15	0.26	1.3	3.3	5.1	277	103
S2C B NW @ 18'	11/9/15	0.42	1.3	3.0	5.6	240	86
D2 B SW @ 18'	11/9/15	0.36	0.72	1.7	3.6	189	134
D2 B SW @ 18' Dup	11/9/15	0.38	0.76	2.4	3.2	190	93
D1 B N @ 18'	11/9/15	0.38	0.88	0.46	1.6	49	113
D2 B SW @ 18' MS	11/9/15	108%	96%				
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151109-1

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/9/15	97	nd
S2C B N @ 18'	11/9/15	130	nd
S2C B NW @ 18'	11/9/15	107	nd
D2 B SW @ 18'	11/9/15	90	nd
D1 B N @ 18'	11/9/15	92	nd
D1 B N @ 18' Dup	11/9/15	88	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.9.15 Page: 1 of 1

Client: AEB

Project Manager: Sharon

Address: 601 11th AVE

Project Name: RESOLVE

City: OLYMPIA State: WA Zip:

Location: 2725 93RD City, State: WA

Phone: 360 352 2835 Fax:

Collector: Sharon Date of Collection: 11.9.15

Client Project # 12-116

Email: SLOMBARDINI@AEBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes				
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals			
1 S2C BN@18'	18'	1200	S	Jar, 2 Vol	X	X	X												
2 S2C BNW@18'	18'	1210	I	I	X	X	X												
3 D2 B SW@18'	18'	1220	I	I	X	X	X												
4 D1 BN@18'	18'	1230	I	I	X	X	X												
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: <u>[Signature]</u>	Date / Time: <u>11.9.15 1325</u>	Received by: <u>Thoddy Eley</u>	Date / Time: <u>11-9-15 1325</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>12</u>	Remarks:
Relinquished by: <u>[Signature]</u>	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 10, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151106-2
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/6/15	nd	nd	nd	nd	nd	104
LCS	11/6/15	106%	87%				103
D1 BSW @ 7'	11/6/15	nd	nd	nd	nd	nd	94
D1 BSW @ 8'	11/6/15	nd	nd	nd	nd	nd	100
L151105-3 MS	11/6/15	100%	88%				93
Practical Quantitation Limit		0.02	0.20	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151106-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/6/06	100	nd
D1 BSW @ 7'	11/6/06	int	10600
D1 BSW @ 8'	11/6/06	93	nd
D1 BSW @ 8' Dup	11/6/06	86	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE Ph: 360-352-2110

Olympia, WA 98506 Fax: 360-352-4154

Client: AEG

Date: 11-6-15 Page: 1 of 1

Address: 605 11th Ave E.

Project Manager: SHAWN

City: OLYMPIA State: WA Zip: 98105

Project Name: RESPIRE

Phone: 360 352 9835 Fax:

Location: 2725 93RD AVE City, State: Olympia WASHINGTON

Client Project # 12-116

Collector: SHAWN Date of Collection: 11-6-15

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/IDx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082		MTCA 5 Metals	RCRA 8 Metals						
1	DIBSWAY 7'	1130	SOIL	ZVOR 1.342	X	X	X																
2	DIBSWAY 8'	1140	"	"	X	X	X																
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Sample Receipt		Remarks: <u>MONDAY MORNING RUSH</u>
Good Condition?	<input checked="" type="radio"/> N	
Temp.	<u>2</u> °C	
Seals Intact?	<input checked="" type="radio"/> N N/A	
Total Number of Containers	<u>6</u>	TAT: <input checked="" type="radio"/> 24HR <input type="radio"/> 48HR <input type="radio"/> 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 10, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151105-5
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/05/15	nd	nd	nd	nd	nd	104
LCS	11/05/15	114%	87%				104
D1 B SW 18'	11/05/15	nd	nd	nd	nd	nd	99
D3 B S 19'	11/05/15	0.042	0.25	0.26	0.37	27	100
D1 B SW 20'	11/05/15	nd	nd	nd	nd	nd	95
L151103-3 MS	11/05/15	100%	88%				93
Practical Quantitation Limit		0.02	0.2	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151105-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/5/15	104	nd
D1 B SW 18'	11/5/15	95	nd
D3 B S 19'	11/5/15	106	nd
D3 B S 19' Dup	11/5/15	100	nd
D1 B SW 20'	11/5/15	92	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.5.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE SE

Project Name: RESOLVE

City: OLYMPIA State: WA Zip: 98105

Location: 2725 City, State: Olympia WA

Phone: 360 352 9835 Fax:

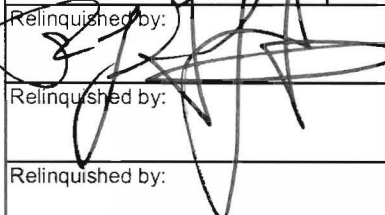
Collector: SHAWN Date of Collection: 11.5.15

Client Project # 12-116

Email: S.LOMBARDO@AEG.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes								
					pH	Turbidity	Oil & Grease	Zinc, Copper	Zinc, Copper, Lead	TSS	BOD 5	Nitrate/Nitrite	Total Phosphorus	COD		TPH	NWTPH-GX	NWTPH-DX	STEX 8021				
1	D1 B SW 18'	18'	1420	SOIL	2VOR 1 JAR															X	X	X	
2	D3 B S 19'	19'	1430	SOIL	"															X	X	X	
3	D1 B SW 20'	20'	1440	SOIL	"															X	X	X	
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished by: 	Date / Time: 11.5.15 1530	Received by: Rhodney Eley	Date / Time: 11-5-15 1530	Sample Receipt:		Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	<input checked="" type="checkbox"/>	Record pH here: <u>Rush</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:	Cold?	<input checked="" type="checkbox"/>	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	<input checked="" type="checkbox"/>	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Total Number of Containers	9	

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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RESTOVER PROJECT

Associated Environmental Group, LLC

Olympia, Washington

Libby Project # L151106-2

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	1/0/00	nd	nd	nd	nd	nd	104
LCS	1/0/00	106%	87%				103
D1 BSW @ 7'	1/0/00	0.017	nd	nd	nd	nd	94
D1 BSW @ 8'	1/0/00	nd	nd	nd	nd	nd	100
L151105-3 MS	1/0/00	0%	0%				
Practical Quantitation Limit		0.02	0.20	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

Restover PROJECT

Associated Environmental Group, LLC

Tumwater, Washington

Libby Project # L151106-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/6/06	100	nd
D1 BSW @ 7'	11/6/06	int	10600
D1 BSW @ 8'	11/6/06	93	nd
D1 BSW @ 8' Dup	11/6/06	86	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11-6-15 Page: 1 of 1

Client: AFB

Project Manager: SHAWN

Address: 605 11th Ave E.

Project Name: RESIDUAL

City: OLYMPIA State: WA Zip: 98505

Location: 2725 93RD AVE City, State: TUMWATER

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection:

Client Project # 12-116

Email: SLUMBARDENE@SEBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes							
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals						
1	D1 BSW@7'	1130	SOIL	ZVON 1.302	X	X	X																
2	D1 BSW@8'	1140	"	"	X	X	X																
3																							
4																							
5																							
6																							
7																							
8																							
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16																							
17																							

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Sample Receipt	
Good Condition?	<input checked="" type="checkbox"/> N
Temp.	<u>2</u> °C
Seals Intact?	<input checked="" type="checkbox"/> N N/A
Total Number of Containers	<u>6</u>

Remarks: MONDAY MORNING
 TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 5, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151103-5
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	11/3/15	nd	nd	nd	nd	nd	112
LCS	11/3/15	78%	66%				77
TB-2	11/3/15	nd	nd	nd	nd	nd	119
TB-2 Dup	11/3/15	nd	nd	nd	nd	nd	71
TB-2 MS	11/3/15	72%	68%				73
TB-2 MSD	11/3/15	79%	90%				130
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151103-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/4/2015	100	nd
TB-2	11/4/2015	98	nd
TB-2 Dup	11/4/2015	112	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.3.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: RESTOVER

City: OLYMPIA State: WA Zip: 98105

Location: 2725 93RD. AVE City, State: TUMWATER

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 11.3.15

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 <u>TB-2</u>	<u>-</u>	<u>1130</u>	<u>H₂O</u>	<u>3 VOLS 1 AMBER</u>	<u>X</u>	<u>X</u>	<u>X</u>									
2																
3																
4																
5																
6																
7																
8																
9																
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11																
12																
13																
14																
15																
16																
17																

Relinquished by: <u>[Signature]</u>	Date / Time: <u>11.3.15 1310</u>	Received by: <u>[Signature]</u>	Date / Time: <u>11-3-15 1310</u>	Sample Receipt		Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	Y N	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Temp.	°C	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	Y N N/A	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Total Number of Containers	<u>4</u>	TAT: <u>24HR 48HR 5-DAY</u>

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG

Olympia, Washington

Libby Project # L151105-5

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/05/15	nd	nd	nd	nd	nd	104
LCS	11/05/15	114%	87%				104
D1 B SW 18'	11/05/15	0.019	nd	nd	nd	nd	99
D3 B S 19'	11/05/15	0.042	0.25	0.26	0.37	27	100
D1 B SW 20'	11/05/15	0.017	nd	nd	nd	nd	95
L151103-3 MS	11/05/15	0%	0%				
L151103-3 MSD	11/05/15	0%	0%				
Practical Quantitation Limit		0.02	0.2	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER PROJECT

AEG

Olympia, Washington

Libby Project # L151105-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/5/15	104	nd
D1 B SW 18'	11/5/15	95	nd
D3 B S 19'	11/5/15	106	nd
D3 B S 19' Dup	11/5/15	100	nd
D1 B SW 20'	11/5/15	92	nd

Practical Quantitation Limit

50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 30, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151029-7
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	10/29/15	nd	nd	nd	nd	nd	109
LCS	10/29/15	108%	87%				106
TB-1	10/29/15	nd	nd	nd	nd	nd	101
L151029-1 MS	10/29/15	105%	89%				93
L151029-1 MSD	10/29/15	110%	88%				94
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151029-7

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	10/29/15	100	nd
TB-1	10/29/15	104	nd
TB-1 Dup	10/29/15	95	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 10.29.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN LOMBARDOINE

Address: 605 11th AVE

Project Name: RESTOVER

City: OLYMPIA State: WA Zip: 98501

Location: _____ City, State: Olympia WA

Phone: 360 352 9835 Fax: _____

Collector: SHAWN L. Date of Collection: 10.29.15

Client Project # 12-116

Email: SLOMBARDINE@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c-PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1 <u>TB-1</u>	<u>—</u>	<u>1500</u>	<u>H₂O</u>	<u>3 VOA 1 AMISEL</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
2																								
3																								
4																								
5																								
6																								
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16																								
17																								

Relinquished by: <u>[Signature]</u>	Date / Time: <u>10.29.15</u>	Received by: <u>[Signature]</u>	Date / Time: <u>10-29-15</u>	Sample Receipt Good Condition? <u>Y</u> <u>N</u> Temp. _____ °C Seals Intact? <u>Y</u> <u>N</u> <u>N/A</u> Total Number of Containers _____	Remarks: TAT: <u>24HR</u> <u>48HR</u> <u>5-DAY</u>
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 26, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151023-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/23/15	nd	nd	nd	nd	nd	110
LCS	10/23/15	112%	99%				118
ST SE @ 18.5'	10/23/15	nd	nd	nd	nd	nd	111
ST SE @ 18.5' Dup	10/23/15	nd	nd	nd	nd	nd	110
B CB E @ 18.5'	10/23/15	5.2	8.4	26 E	36	2580 E	int
B CB CE @ 20'	10/23/15	0.20	0.41	0.90	1.6	98	111
ST BC S @ 20'	10/23/15	0.31	1.0	3.4 E	11.4 E	501 E	int
ST SW @ 17'	10/23/15	0.10	0.72	1.4	2.7	257	124
ST SW @ 18.5'	10/23/15	nd	0.27	0.35	0.66	47	126
ST BCS @ 23'	10/23/15	nd	0.19	nd	nd	nd	104
ST SW BC @ 20'	10/23/15	nd	0.20	nd	nd	nd	106
B CB CE @ 20' MS	10/23/15	123%	98%				87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Indicates value is an estimate because it exceeds calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151023-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/23/15	103	nd
ST SE @ 18.5'	10/23/15	120	nd
ST SE @ 18.5' Dup	10/23/15	107	nd
B CB E @ 18.5'	10/23/15	116	nd
B CB CE @ 20'	10/23/15	88	nd
ST BC S @ 20'	10/23/15	84	nd
ST BC S @ 20' Dup	10/23/15	111	nd
ST SW @ 17'	10/23/15	92	nd
ST SW @ 18.5'	10/23/15	118	nd
ST BCS @ 23'	10/23/15	90	nd
ST SW BC @ 20'	10/23/15	108	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 10/23/15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: Restover

City: OLYMPIA State: WA Zip:

Location: Olympia City, State: WA

Phone: 360-352-9835 Fax:

Collector: Shawn Date of Collection: 10/23/15

Client Project # 12-116

Email: SLOMBARDINE@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-DX	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 ST SE @ 18.5'	18.5	900	SOIL	2 VOA 1 JAL	X	X	X											
2 B C B E @ 18.5'	18.5	950	"	"														
3 B C B C E @ 20'	20	1000	"	"														
4 ST BC S @ 20'	20	1140	"	"														
5 ST SW @ 17'	17	1300	"	"														
6 ST SW @ 18.5'	18.5	1320	"	"														
7 ST BCS @ 23'	23	1350	"	"														
8 ST SW BC @ 20'	20'	1420	"	"														
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 10.23.15
 Received by: Paul Burke Date / Time: 10/23/15 1630

Sample Receipt			
Good Condition?	Y	N	
Temp.		°C	
Seals Intact?	Y	N	N/A
Total Number of Containers			

Remarks: ML
 TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 26, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group, LLC

Olympia, Washington

Libby Project # L151022-1

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/22/15	nd	nd	nd	nd	nd	102
LCS	10/22/15	106%	88%				96
GD S-20' D3@18.5'	10/23/15	0.033	nd	0.21	0.38	9.2 J	120
GD S-20' D2@20'	10/22/15	nd	nd	nd	nd	nd	111
L151021-5 MS	10/22/15	108%	86%				106
L151021-5 MSD	10/22/15	110%	87%				107
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"J" Analyte was positively identified. The reported result is an estimate.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group, LLC

Olympia, Washington

Libby Project # L151022-1

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/23/15	102	nd
GD S-20' D3@20'	10/23/15	98	nd
GD S-20' D3@18.5'	10/23/15	105	nd
GD S-20' D3@18.5' Dup	10/23/15	104	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Olympia, WA 98506
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Fax: 360-352-4154

Date: 10.22.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: RESTORATION

City: OLY State: WA Zip:

Location: 2725 93RD AVE City, State: WA Olympia


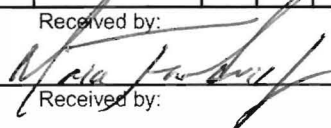
Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 10.22

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM

Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 802-1B	VOA 802-1B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCBs 8082	MTCA 5 Metals				
1 GDS-20'D3@18.5'	18.5'	1110	SOIL	2 VOAS 1 JOR	X				X	X								
2 GDS-20'D3@20'	20'	1120	SOIL	" "	X				X	X								
3																		
4																		
5																		
6																		
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8																		
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15																		
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17																		

Relinquished by: 	Date / Time: 10.22	Received by: 	Date / Time: 10/22/15 330	Sample Receipt:	Remarks:		
Relinquished by:	Date / Time:	Received by:	Date / Time:			Good Condition?	Y
						Cold?	-1
						Seals Intact?	Y
Relinquished by:	Date / Time:	Received by:	Date / Time:	Total Number of Containers	6		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 26, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151021-5
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/22/15	nd	nd	nd	nd	nd	102
LCS	10/22/15	106%	88%				96
GD BC S 20'	10/22/15	nd	nd	nd	nd	nd	98
GD S 18.5'	10/23/15	0.44	2.5	7.8	8.5	876	115
GD BC SSE 20'	10/22/15	nd	nd	nd	nd	nd	104
GD BC SSE 20' Dup	10/22/15	nd	nd	nd	nd	nd	97
GD BC SSE 20' MS	10/22/15	108%	86%				106
GD BC SSE 20' MSD	10/22/15	110%	87%				107
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151021-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/22/15	108	nd
GD BC S 20'	10/22/15	93	nd
GD S 18.5'	10/22/15	110	nd
GD S 18.5' Dup	10/22/15	124	nd
GD BC SSE 20'	10/22/15	91	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151021-5
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021b) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	10/22/15	nd	nd	nd	nd	nd	102
LCS	10/22/15	106%	88%				96
EXCV. TEST W	10/22/15	7.7	8.1	13	72	3810	113
EXCV. TEST W Dup	10/22/15	6.4	7.5	13	77	3450	int
EXCV. TEST W MS	10/22/15	134%	72%				int
EXCV. TEST W MSD	10/22/15	122%	101%				int
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151021-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	10/22/15	121	nd
EXCV. TEST W	10/22/15	115	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 10.21.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: RESTORE

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD City, State: TUMWATER

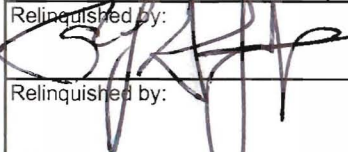
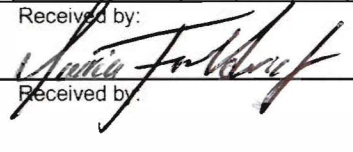
Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 10-21-15

Client Project # 12-116

Email: SLOMBARDINE@AEGWA.COM

Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes				
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCAs 5 Metals					
1	GD BCS 20'	20'	1210	SOIL	2 VOA'S 1 JAR	X				X	X								
2	GD S 18.5'	18.5'	1240	SOIL	↓														
3	GD BCSSE 20'	20'	1400	SOIL	↓														
4	EXC. TEST W	-	1530	H2O	1 AMBER 3 VOA'S	X				X	X								
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: 	Date / Time	Received by: 	Date / Time: <u>10/21/15</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	
Relinquished by:	Date / Time	Received by:	Date / Time	Cold?	
Relinquished by:	Date / Time	Received by:	Date / Time	Seals Intact?	
				Total Number of Containers	TAT: <u>24HR</u> 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 20, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151019-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/19/15	nd	nd	nd	nd	nd	105
LCS	10/19/15	109%	90%				103
GDBCC 20'	10/19/15	nd	nd	nd	nd	nd	108
GDBCC 20' Dup	10/19/15	nd	nd	nd	nd	nd	108
SBCE 20'	10/19/15	nd	nd	nd	nd	nd	107
DGDBCNE 20'	10/19/15	nd	nd	nd	nd	nd	117
NWBCNE 20'	10/19/15	nd	nd	0.51	0.40	28	112
DGDBCNE 20' MS	10/19/15	108%	90%				109
DGDBCNE 20' MSD	10/19/15	102%	88%				113
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151019-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/19/15	105	nd
GDBCC 20'	10/19/15	93	nd
GDBCC 20' Dup	10/19/15	94	nd
SBCE 20'	10/19/15	106	nd
DGDBCNE 20'	10/19/15	93	nd
NWBCNE 20'	10/19/15	91	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 10/19/15 Page: 1 of 1

Client: AEG, LLC

Project Manager: Shawn Lombardini

Address: 605 11th Ave SE, Suite 201

Project Name: Restover

City: Olympia State: WA Zip: 98501

Location: 2725 93rd Ave SW City, State: Olympia, WA

Phone: 360 352 8835 Fax: 360 352 8164

Collector: Nicolas Pushkor Date of Collection: 10/19/15

Client Project # 12-116

Email: npushkor@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analysis Parameters											Field Notes							
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals						
1	G DBLL20	20	1125	Soil	VOA/402	X	X	X															
2	S BLE20	20	1140	Soil	VOA/402	X	X	X															
3	DG DBLNE70	20	1220	Soil	VOA/402	X	X	X															
4	NW BCNE70	20	1320	Soil	VOA/402	X	X	X															
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							

Relinquished by: [Signature] Date / Time: 10/19 1331
 Received by: [Signature] Date / Time: 10/19/15 1331

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	°C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>12</u>

Remarks: ML
 TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 19, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151016-30
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8012B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/16/15	nd	nd	nd	nd	nd	107
LCS	10/16/15	110%	97%				120
UST BCSE 20'	10/16/15	nd	nd	nd	nd	nd	114
UST BCNW 20'	10/16/15	nd	nd	0.38	0.34	23	101
GDBC ESE 20'	10/16/15	nd	nd	nd	nd	nd	113
GDBC ESE 20' Dup	10/16/15	nd	nd	nd	nd	nd	112
GDBC NW 20'	10/16/15	nd	nd	nd	nd	nd	115
UST BCSW 20'	10/16/15	nd	nd	nd	nd	12	105
GDBC ESE 20' MS	10/16/15	107%	90%				114
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE
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Phone: (360) 352-2110
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Email: libbyenv@aol.com

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151016-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	10/16/15	110	nd	nd
UST BCSE 20'	10/16/15	104	68	nd
UST BCNW 20'	10/16/15	116	nd	nd
UST BCNW 20' Dup	10/16/15	114	nd	nd
GDBC ESE 20'	10/16/15	100	nd	nd
GDBC NW 20'	10/16/15	94	nd	nd
UST BCSW 20'	10/16/15	99	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

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

Date: 10/16/15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE SE

Project Name: Restover

City: OLYMPIA State: WA Zip: 9

Location: 93RD AVE SW City, State:

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 10/16/15

Client Project # 12-116

Email: SLOMBARDINI@AFBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 UST BCSE 20'	20'	10:45	S	Ter 2VOA	X	X		X										
2 UST BCNW 20'	20'	10:50	↓	↓	↓	↓		↓										
3 GDBC ESE 20'	20'	11:45	↓	↓	↓	↓		↓										
4 GDBC NW 20'	20'	13:45	↓	↓	↓	↓		↓										
5 UST BCSW 20'	20'	14:45	↓	↓	↓	↓		↓										
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 10-16 1500
 Received by: Tracy Eley Date / Time: 10/16/15 1500

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> N
Temp.	_____ °C
Seals Intact?	<input checked="" type="radio"/> N N/A
Total Number of Containers	<u>15</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 19, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151015-30
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8012B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/15/15	nd	nd	nd	nd	nd	124
LCS	10/15/15	110%	99%				124
BCE 20'	10/15/15	nd	nd	nd	nd	nd	115
BCE 20' Dup	10/15/15	nd	nd	nd	nd	nd	111
BCNE 20'	10/15/15	nd	nd	0.18	0.25	39	113
BCNE 23'	10/15/15	nd	nd	nd	nd	nd	113
UST BCNE 20'	10/15/15	nd	nd	0.20	0.19	15	113
BCNE 20' MS	10/15/15	102%	92%				105
BCNE 20' MSD	10/15/15	109%	93%				97
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151015-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	10/15/15	100	nd	nd
Ramp Middle	10/15/15	int	2210	nd
Ramp Middle Dup	10/15/15	int	2220	nd
BCE 20'	10/15/15	108	nd	nd
BCNE 20'	10/15/15	108	nd	nd
BCNE 23'	10/15/15	98	nd	nd
UST BCNE 20'	10/15/15	105	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 10/15/15 Page: 1 of 1

Client: **AEG**

Project Manager: **SHAWN Lombardini**

Address: **605 11th AVE SE.**

Project Name: **RESTOVER**

City: **OLYMPIA** State: **WA** Zip:

Location: **93RD AVE.** City, State:

Phone: **360 352 9835** Fax:

Collector: **SHAWN** Date of Collection: **10/15/15**

Client Project # **12-116**

Email: **SLOMBARDINI@AEGWA.COM**



Sample Number	Depth	Time	Sample Type	Container Type												Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1 Ramp Middle	-	8:45	S	Jar																				
2 BCE 20'	20	10:40	S	2 VOA 1 JAR	X	X			X															
3 BCNE 20'	20	11:20	S	"	X	X			X															
4 BCNE 23'	23	13:00	S	"	X	X			X															
5 UST BCNE 20'	20	13:10	S	"	X	X			X															
6																								
7																								
8																								
9																								
10																								
11																								
12																								
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14																								
15																								
16																								
17																								

Relinquished by: Date / Time: 10.15.15 1345
 Received by: **Thodoy Gray** Date / Time: 10-15-15 1345

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	°C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	13

Remarks: **ML**

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150818-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/18/15	nd	nd	nd	nd	nd	98
LCS	8/18/15	107%	94%				103
LCS Dup	8/18/15	103%	91%				97
S-E-5	8/18/15	nd	nd	nd	nd	nd	100
S-E-10	8/18/15	nd	nd	nd	nd	nd	104
S-E-15	8/18/15	nd	nd	nd	nd	nd	105
S-W-5	8/18/15	nd	nd	nd	nd	nd	105
S-W-10	8/18/15	nd	nd	nd	0.16	10	101
S-W-15	8/18/15	nd	nd	0.27	0.36	26	99
S-S-5	8/18/15	nd	nd	nd	nd	nd	99
S-S-10	8/18/15	nd	nd	nd	nd	nd	102
S-S-15	8/18/15	nd	nd	nd	nd	nd	99
S-S-15 Dup	8/18/15	nd	nd	nd	nd	nd	93
S-W-8	8/18/15	nd	nd	nd	nd	nd	100
GEX-BSE-7	8/18/15	nd	nd	0.28	1.4	112	87
S-S-10 MS	8/18/15	107%	90%				88
S-S-10 MSD	8/18/15	109%	88%				87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150818-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/18/15	96	nd	nd
Method Blank	8/19/15	102	nd	nd
DEX-B5-5	8/18/15	int	15600	nd
DEX-B6-5	8/18/15	101	nd	nd
DEX-B4-5	8/18/15	int	24400	nd
GEX-BSE-7	8/18/15	107	nd	nd
DEX-BD6-8	8/19/15	int	1380	nd
DEX-BD5-8	8/19/15	110	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

"E" Reported result is an estimate because it exceeds the calibration range.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150818-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/18/15	96	nd
S-E-5	8/18/15	96	nd
S-E-5 Dup	8/18/15	97	nd
S-E-10	8/18/15	106	nd
S-E-15	8/18/15	101	nd
S-W-5	8/18/15	97	nd
S-W-5 Dup	8/18/15	93	nd
S-W-10	8/18/15	104	nd
S-W-15	8/18/15	99	nd
S-S-5	8/18/15	91	nd
S-S-10	8/18/15	103	nd
S-S-15	8/18/15	82	nd
S-W-8	8/18/15	97	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/18/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th Ave SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd Ave SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo Chaidez Date of Collection: 8-18-15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8280	NWTPH-GX	BTEX 8021	NWTPH-HCID	NWTPH-DX	6 PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCAs 5 Metals	RCRA 8 Metals	Field Notes	
1	S-E-5	5	8:55	SOIL	VOA/402	✓	✓	✓									
2	S-E-10	10	9:00			✓	✓	✓									
3	S-E-15	15	9:05			✓	✓	✓									
4	S-W-5	5	10:10			✓	✓	✓									
5	S-W-10	10	10:13			✓	✓	✓									
6	S-W-15	15	10:16			✓	✓	✓									
7	S-S-5	5	9:28			✓	✓	✓									
8	S-S-10	10	9:33			✓	✓	✓									
9	S-S-15	15	9:40			✓	✓	✓									
10	S-W-8	8	10:25			✓	✓	✓									
11	DEX-B5-5	5	11:55														
12	DEX-B6-5	5	12:05														
13	DEX-B4-5	5	12:10														
14	DEX-B5-7	7	12:30			✓	✓	✓									8-21-15 sample name change per Leo via phone FB
15	DEX-BD6-8	8	14:45														
16	DEX-BD5-8	8	15:00														
17																	

Relinquished by: L Chaidez	Date / Time 8/18/15 4:10	Received by: Thodan Gray	Date / Time 8/18/15 4:10	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers 38	Remarks: <div style="font-size: 2em; color: green; text-align: center;">ML</div>
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150831-2
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/31/15	nd	nd	nd	nd	nd	100
LCS	8/31/15	113%	91%				113
E-BW110-17	8/31/15	nd	nd	nd	nd	nd	115
L150831-3 MS	8/31/15	108%	87%				101
L150831-3 MSD	8/31/15	103%	88%				100
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150831-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/31/15	100	nd
E-BW110-17	8/31/15	91	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/31/2015 Page: 1 of 1

Client: TEG

Project Manager: Leo Chaidez

Address: 605 11th Ave SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2125 93rd Ave SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/31/2015

Client Project # 12-116

Email: leochaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 <u>E-BW110-17</u>	<u>17</u>	<u>11:27</u>	<u>SOIL</u>	<u>10A/40Z</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
2																			
3																			
4																			
5																			
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7																			
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12																			
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14																			
15																			
16																			
17																			

Relinquished by: <u>Leo Chaidez</u>	Date / Time: <u>8/31/15 12:02</u>	Received by: <u>Elyse B</u>	Date / Time: <u>8/31/15 12:02</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers	Remarks: <u>Rush</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150826-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/26/15	nd	nd	nd	nd	nd	106
LCS	8/26/15	109%	98%				91
E-B1-15	8/26/15	nd	nd	nd	nd	nd	102
E-B2-15	8/26/15	nd	nd	nd	nd	nd	102
E-B3-15	8/26/15	nd	nd	nd	nd	nd	97
E-B4-15	8/26/15	nd	nd	nd	nd	nd	91
E-B5-15	8/26/15	nd	nd	nd	nd	nd	83
E-B6-15	8/26/15	nd	nd	nd	nd	nd	90
E-B9-15 MS	8/26/15	104%	94%				96
E-B9-15 MSD	8/26/15	109%	96%				99
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150826-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/26/15	nd	nd	nd	nd	nd	106
LCS	8/26/15	109%	98%				91
E-B7-15	8/26/15	nd	nd	nd	nd	nd	101
E-B8-15	8/26/15	<0.40	<2.0	<1.0	<3.0	<200	100
E-B9-15	8/26/15	nd	nd	nd	nd	nd	101
E-B9-15 Dup	8/26/15	nd	nd	nd	nd	nd	98
E-B2-16	8/26/15	nd	nd	nd	nd	nd	102
E-B2-16 Dup	8/26/15	nd	nd	nd	nd	nd	98
E-B5-16	8/26/15	2.0	7.5	81	183	5070	71
E-B9-15 MS	8/26/15	104%	94%				96
E-B9-15 MSD	8/26/15	109%	96%				99
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150826-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/26/15	101	nd
E-B1-15	8/26/15	108	nd
E-B2-15	8/26/15	102	nd
E-B3-15	8/26/15	103	nd
E-B4-15	8/26/15	101	nd
E-B5-15	8/26/15	102	nd
E-B6-15	8/26/15	99	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150826-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/26/15	101	nd
E-B7-15	8/26/15	98	nd
E-B8-15	8/26/15	int	2440
E-B9-15	8/26/15	100	nd
E-B9-15 Dup	8/26/15	100	nd
E-B2-16	8/26/15	95	nd
E-B2-16 Dup	8/26/15	95	nd
E-B5-16	8/26/15	int	4210
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/25/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 1TH AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/25/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOA 8021B	VOA 8021B BTEX Only	VOA 8280	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals										
1	E-B1-15	15	15:44	SOIL	VOA/402	✓				✓	✓													
2	E-B2-15	15	15:47	↓	↓	✓				✓	✓													
3	E-B3-15	15	15:50	↓	↓	✓				✓	✓													
4	E-B4-15	15	15:53	↓	↓	✓				✓	✓													
5	E-B5-15	15	15:56	↓	↓	✓				✓	✓													
6	E-B6-15	15	16:00	↓	↓	✓				✓	✓													
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								

Relinquished by: <u>LC Hunter</u>	Date / Time: <u>8/25/15 16:43</u>	Received by: <u>Paul Burk</u>	Date / Time: <u>8/25/15 16:43</u>	Sample Receipt:	Remarks: <u>ML</u>		
Relinquished by: <u>Paul Burk</u>	Date / Time: <u>8/25/15 17:40</u>	Received by: <u>Tracy Gray</u>	Date / Time: <u>8/25/15 17:40</u>			Good Condition?	<u>Y</u>
						Cold?	
						Seals Intact?	<u>Y</u>
				Total Number of Containers	<u>18</u>		

Libby Environmental, Inc.

Chain of Custody Record

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

Date: 8/26/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidex

Address: 605 11th Ave SE

Project Name: Restover Truck Stop

City: Olympia State: Wa Zip: 98501

Location: 2725 93rd Ave SW City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Leo Chaidex Date of Collection: 8/26/15

Client Project # 12-116

Email: lchaidex@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes										
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals											
1	E-B7-15	15	9:04	SOIL	VOL/HOZ	-	✓		✓																	
2	E-B8-15	15	9:08			✓	✓		✓																	
3	E-B9-15	15	9:11			✓	✓		✓																	
4	E-B2-16	16	10:48			✓	✓		✓																	
5	E-B5-16	16	10:55			✓	✓		✓																	
6																										
7																										
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15																										
16																										
17																										

Relinquished by: <u>LChaidex</u>	Date / Time: <u>8/26/15 15:25</u>	Received by: <u>Kroley Gley</u>	Date / Time: <u>8/26/15 15:25</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>15</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150825-10

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/25/15	nd	nd	nd	nd	nd	99
LCS	8/25/15	104%	108%				99
E-B1-10	8/25/15	nd	nd	nd	nd	nd	102
E-B2-10	8/25/15	nd	nd	nd	nd	nd	102
E-B3-10	8/25/15	nd	nd	nd	nd	nd	104
E-B3-10 Dup	8/25/15	nd	nd	nd	nd	nd	102
E-B4-10	8/25/15	nd	nd	nd	nd	nd	102
E-B5-10	8/25/15	nd	nd	nd	nd	nd	114
E-B6-10	8/25/15	nd	nd	nd	nd	nd	102
E-B6-10 Dup	8/25/15	nd	nd	nd	nd	nd	102
E-B7-10	8/25/15	nd	nd	nd	nd	nd	102
E-B8-10	8/25/15	nd	nd	nd	nd	nd	102
E-B9-10	8/25/15	nd	nd	nd	nd	nd	102
E-B5-15	8/25/15	nd	nd	0.11	nd	139	99
E-B5-10 MS	8/25/15	102%	112%				102
E-B5-10 MSD	8/25/15	106%	116%				102
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSIS PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150825-10
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/25/15	97	nd
E-B1-10	8/25/15	97	nd
E-B1-10 Dup	8/25/15	104	nd
E-B2-10	8/25/15	101	nd
E-B3-10	8/25/15	91	nd
E-B4-10	8/25/15	95	nd
E-B5-10	8/25/15	94	nd
E-B6-10	8/25/15	97	nd
E-B7-10	8/25/15	110	nd
E-B8-10	8/25/15	104	nd
E-B9-10	8/25/15	100	nd
E-B5-15	8/25/15	115	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150825-10
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/26/15	nd	nd	nd	nd	nd	106
LCS	8/26/15	109%	98%				91
GEX-B-12	8/26/15	nd	nd	nd	nd	nd	105
L150826-30 MS	8/26/15	104%	94%				96
L150826-30 MSD	8/26/15	109%	96%				99
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150825-10

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/26/15	101	nd	nd
GEX-B-12	8/26/15	97	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/25/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TROCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/25/14

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCAs 5 Metals				
1 E-B1-10	10	8:52	50:1	2voas, 14oz	X				X	X								
2 E-B2-10	10	8:55			X				X	X								
3 E-B3-10	10	8:58			X				X	X								
4 E-B4-10	10	9:02			X				X	X								
5 E-B5-10	10	9:09			X				X	X								
6 E-B6-10	10	9:13			X				X	X								
7 E-B7-10	10	11:23			X				X	X								
8 E-B8-10	10	11:28			X				X	X								
9 E-B9-10	10	11:32			X				X	X								
10 GEX-B-12	12	13:28			X				X	X	X							Run tomorrow
11 E-B5-15	15	15:06			X				X	X								
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>LChaidez</u> Date / Time: <u>8/25/15</u>	Received by: <u>Paul Burk</u> Date / Time: <u>8/25/15 1640</u>	Sample Receipt:	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Received by:	Good Condition?	
Relinquished by:	Received by:	Cold?	
Relinquished by:	Received by:	Seals Intact?	
		Total Number of Containers	



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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Olympia, WA 98506
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FAX: (360) 352-4154
Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150824-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/24/15	nd	nd	nd	nd	nd	100
LCS	8/24/15	113%	94%				96
E-SW-7	8/24/15	nd	nd	nd	nd	nd	104
E-SW-13	8/24/15	nd	nd	nd	nd	nd	101
E-B1-4	8/24/15	nd	nd	nd	nd	nd	107
E-B2-4	8/24/15	nd	nd	nd	nd	nd	105
E-B3-4	8/24/15	nd	nd	nd	nd	nd	102
E-B4-4	8/24/15	nd	nd	nd	nd	nd	102
E-B5-4	8/24/15	nd	nd	nd	nd	nd	102
E-B6-4	8/24/15	nd	nd	nd	nd	nd	93
E-SW-13 MS	8/24/15	101%	93%				93
E-SW-13 MSD	8/24/15	101%	90%				94
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150824-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/24/15	102	nd
E-B1-4	8/24/15	93	nd
E-B2-4	8/24/15	120	nd
E-B3-4	8/24/15	98	nd
E-B4-4	8/24/15	116	nd
E-B5-4	8/24/15	100	nd
E-B6-4	8/24/15	118	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150824-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/24/15	102	nd	nd
DEX-BD4S-7	8/24/15	105	nd	nd
DEX-BD4S-7 Dup	8/24/15	114	nd	nd
E-SW-7	8/24/15	100	nd	nd
E-SW-13	8/24/15	115	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150821-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/21/15	nd	nd	nd	nd	nd	106
LCS	8/21/15	111%	99%				88
EW-B-7	8/21/15	nd	nd	nd	nd	nd	109
E-BW34-5	8/21/15	nd	nd	nd	nd	nd	116
E-BW51-4	8/21/15	nd	nd	nd	nd	nd	110
E-BSW88-4	8/21/15	nd	nd	nd	nd	nd	114
E-BSW88-4 Dup	8/21/15	nd	nd	nd	nd	nd	102
EW-B-7 MS	8/21/15	103%	101%				107
EW-B-7 MSD	8/21/15	102%	98%				105
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150821-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/21/15	102	nd
EW-B-7	8/21/15	102	nd
EW-B-7 Dup	8/21/15	114	nd
E-BW34-5	8/21/15	102	nd
E-BW51-4	8/21/15	113	nd
E-BSW88-4	8/21/15	101	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT
 AEG, LLC
 Olympia, Washington
 Libby Project # L150821-30
 Client Project # 12-116

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description	Method	EW-B-7	E-BW51-4	E-BW51-4
	Blank			Dup
Date Sampled	Reporting	N/A	8/21/15	8/21/15
Date Analyzed	Limits	8/24/15	8/24/15	8/24/15
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd
Chloromethane	0.06	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd
Bromomethane	0.09	nd	nd	nd
Chloroethane	0.06	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.05	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd	nd
Chloroform	0.02	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd
Benzene	0.02	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd	nd
Toluene	0.1	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd
Total Xylenes	0.1	nd	nd	nd
Styrene	0.02	nd	nd	nd

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RESTOVER TRUCK STOP PROJECT
 AEG, LLC
 Olympia, Washington
 Libby Project # L150821-30
 Client Project # 12-116

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description	Method	EW-B-7	E-BW51-4	E-BW51-4
	Blank			Dup
Date Sampled	Reporting	N/A	8/21/15	8/21/15
Date Analyzed	Limits	8/24/15	8/24/15	8/24/15
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.03	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd
1,2,3-Trichloropropane	0.03	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.03	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.05	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd
Naphthalenes	0.05	nd	nd	nd
1,2,3-Trichlorobenzene	0.10	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane	97	101	97	97
1,2-Dichloroethane-d4	71	83	80	82
Toluene-d8	99	101	103	105
4-Bromofluorobenzene	110	114	114	114

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* ANALYZED BY SIM

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

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RESTOVER TRUCK STOP PROJECT
 AEG, LLC
 Olympia, Washington
 Libby Project # L150821-30
 Client Project # 12-116

QA/QC Data - EPA 8260C Analyses

Sample Identification: EW-B-7							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.40	80	0.50	0.37	74	7.8
Benzene	0.50	0.53	106	0.50	0.50	100	5.8
Toluene	0.50	0.57	114	0.50	0.55	110	3.6
Chlorobenzene	0.50	0.64	128	0.50	0.67	134	4.6
Trichloroethene (TCE)	0.50	0.49	98	0.50	0.46	92	6.3
Surrogate Recovery							
Dibromofluoromethane			99			98	
1,2-Dichloroethane-d4			83			83	
Toluene-d8			102			105	
4-Bromofluorobenzene			103			115	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.48	96
Benzene	0.50	0.57	114
Toluene	0.50	0.58	116
Chlorobenzene	0.50	0.65	130
Trichloroethene (TCE)	0.50	0.54	108
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			83
Toluene-d8			100
4-Bromofluorobenzene			113

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

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
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Date: 8/21/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo Chaidez Date of Collection: 8/21/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 EW-B-7	7	9:20	SOIL	VOA/40Z	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8-24-15 Added per Leo via phone RUSH
2 E-BW34-5	5	9:48	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3 E-BW51-4	4	9:53	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4 E-BSW88-4	4	10:43	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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15																		
16																		
17																		

Relinquished by: <u>Lchaidez</u>	Date / Time: <u>8/21/15 10:5</u>	Received by: <u>Thoday Cley</u>	Date / Time: <u>8/21/15 1:05</u>	Sample Receipt Good Condition? <input checked="" type="checkbox"/> N Temp. <input type="checkbox"/> °C Seals Intact? <input checked="" type="checkbox"/> N N/A Total Number of Containers: <u>12</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150820-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/20/15	nd	nd	nd	nd	nd	119
LCS	8/20/15	108%	105%				111
UST-SW-7	8/20/15	nd	nd	nd	nd	nd	115
UST-SW-12	8/20/15	nd	nd	nd	nd	nd	112
UST-SW-16	8/20/15	nd	nd	nd	nd	nd	104
DEX-BSE-8	8/20/15	nd	nd	nd	nd	nd	111
GEX-SSW-8	8/20/15	0.033	0.17	3.1 E	8.8 E	556 E	110
UST-SW-16 MS	8/20/15	103%	81%				91
UST-SW-16 MSD	8/20/15	102%	93%				102
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150820-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/20/15	103	nd
UST-SW-7	8/20/15	104	nd
UST-SW-12	8/20/15	113	nd
UST-SW-16	8/20/15	101	nd
UST-SW-16 Dup	8/20/15	112	nd
DEX-BSE-8	8/20/15	108	nd
DEX-BSE-8 Dup	8/20/15	121	nd
GEX-SSW-8	8/20/15	94	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150820-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/20/15	103	nd	nd
DEX-BE-6	8/20/15	104	nd	nd
DEX-BE-6 Dup	8/20/15	117	nd	nd
DEX-BD3S-6	8/20/15	93	nd	nd
DEX-BD3N-5	8/20/15	109	nd	nd
DEX-B-5	8/20/15	int	944	nd
DEX-BD4N-5	8/20/15	int	742	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/20/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/20/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 UST-SW-7	7	9:05	80L	V0A/40Z	✓	✓	✓												
2 UST-SW-12	12	9:10	↓	↓	✓	✓	✓												
3 UST-SW-16	16	9:13	↓	↓	✓	✓	✓												
4 DEX-BE-6	6	9:52	↓	40Z					✓										
5 DEX-BSE-8	8	10:57	↓	V0A/40Z	✓	✓	✓												
6 DEX-SSW-8	8	13:20	↓	↓	✓	✓	✓												
7 DEX-BDBS-6'	6	14:36	↓	40Z					✓										DEX-BD356
8 DEX-BD3N-5	5	14:48	↓	↓					✓										
9 DEX-B-5	5	15:56	↓	↓					✓										
10 DEX-BD4N-5	5	16:00	↓	↓					✓										
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: <u>Lchaidez</u>	Date / Time <u>8/20/15 16:10</u>	Received by: <u>Tracy Gley</u>	Date / Time <u>8/20/15 16:10</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers _____	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150819-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/19/15	nd	nd	nd	nd	nd	94
LCS	8/19/15	107%	91%				90
LCS Dup	8/19/15	111%	98%				101
GEX-B-18	8/19/15	nd	nd	nd	nd	nd	98
S-SW-11	8/19/15	<0.2	0.3	3.1	12	1110	98
GEX-BSW-8	8/19/15	nd	nd	nd	nd	nd	97
GEX-SW-11	8/19/15	0.17	0.81	20 E	65 E	2670 E	128
GEX-SW-17	8/19/15	0.29	1.7	21	46	1380	94
GEX-B-18 MS	8/19/15	103%	89%				80
GEX-B-18 MSD	8/19/15	104%	92%				79
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE
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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150819-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/19/15	102	nd	nd
DEX-BSE-11	8/19/15	97	nd	nd
DEX-BSE-11 Dup	8/19/15	106	nd	nd
DEX-BC-8	8/19/15	int	1600	nd
GEX-B-18	8/19/15	88	nd	nd
S-SW-11	8/19/15	121	nd	nd
GEX-BSW-8	8/19/15	82	nd	nd
GEX-SW-11	8/19/15	104	nd	nd
GEX-SW-17	8/19/15	133	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

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

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/19/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/19/15

Client Project # 12-116

Email: lchaidez@aequa



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082		MTCA 5 Metals	RCRA 8 Metals	
1 DEX-BD6-8	8'	2:45	S	4oz														Collected 8/18
2 DEX-BD5-8	8'	3:00	S	4oz														Collected 8/18
3 DEX-BSE-11	11'	9:48		4oz														Collected 8/19
4 DEX-BC-8	8'	10:42																
5 GEX-B-18	18	11:58		VOA/4oz	X	X			X									
6 S-SW-11	11	12:49			X	X			X									
7 GEX-BSW-8	8	13:17			X	X			X									
8 GEX-SW-11	11	13:35			X	X			X									
9 GEX-SW-17	17	13:45			X	X			X									
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>lchaidez</u>	Date / Time: 8/19/15 8:2:35	Received by: <u>Shodan Gray</u>	Date / Time: 8/19/15 2:35	Sample Receipt Good Condition? <input checked="" type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> N N/A Total Number of Containers: 19	Remarks: TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150817-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/17/15	nd	nd	nd	nd	nd	117
LCS	8/17/15	104%	91%				92
LCS Dup	8/17/15	111%	99%				114
DEX-B-10	8/17/15	nd	nd	nd	nd	nd	118
DEX-B-6	8/17/15	nd	nd	nd	nd	nd	109
DEX-BSE2-5	8/17/15	0.085	0.78	3.9	16	896	103
GEX-B-9	8/17/15	0.68	6.6	70 E	200 E	4420 E	int
DEX-B-10 MS	8/17/15	109%	96%				115
DEX-B-10 MSD	8/17/15	111%	98%				106
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150817-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/17/15	100	nd	nd
DEX-B-10	8/17/15	100	nd	nd
DEX-B-10 Dup	8/17/15	100	nd	nd
DEX-B-6	8/17/15	int	7680 E	nd
DEX-BSE2-5	8/17/15	84	nd	nd
GEX-B-9	8/17/15	85	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

"E" Reported result is an estimate because it exceeds the calibration range.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150817-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/17/15	100	nd
DEX-BSE-5	8/17/15	90	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

"E" Reported result is an estimate because it exceeds the calibration range.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/17/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: WA.

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/17/15

Client Project # 12-116

Email: lchaidez@aegwa



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals		
1 DEX-B-10	10	8:40	SOL	VOA/40Z	✓	✓			✓										
2 DEX-B-6'	6	9:35	↓	↓	✓	✓			✓										
3 DEX-BSE-5	5	12:08	↓	↓				✓											
4 DEX-BSEZ-5	5	12:40	↓	↓	✓	✓			✓										
5 GEX-B-9	9	14:28	↓	↓	✓	✓			✓										
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: <u>Chander</u>	Date / Time: <u>8/17/15 4:26</u>	Received by: <u>Koday Gray</u>	Date / Time: <u>8/17/15 4:26</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>13</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150814-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/14/15	nd	nd	nd	nd	nd	94
LCS	8/14/15	101%	100%				111
LCS Dup	8/14/15	106%	100%				107
S-NNW-4	8/14/15	nd	nd	nd	0.2	nd	114
S-NNW-10	8/14/15	nd	nd	nd	nd	nd	119
S-NNE-4	8/14/15	nd	nd	nd	nd	nd	121
S-NNE-4 Dup	8/14/15	nd	nd	nd	nd	nd	102
S-NNE-10	8/14/15	nd	nd	nd	nd	nd	117
S-SW-4	8/14/15	nd	nd	nd	0.23	60	99
S-SW-10	8/14/15	nd	nd	nd	nd	22	99
S-NNE-4 MS	8/14/15	111%	94%				98
S-NNE-4 MSD	8/14/15	111%	86%				91
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE
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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150814-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/14/15	100	nd	nd
C-D12-5	8/14/15	98	nd	nd
C-D12-5 Dup	8/14/15	105	nd	nd
S-NNW-4	8/14/15	100	nd	nd
S-NNW-10	8/14/15	107	nd	nd
S-NNE-4	8/14/15	97	nd	nd
S-NNE-10	8/14/15	100	nd	nd
C-D11-5	8/14/15	100	nd	nd
S-SW-4	8/14/15	97	nd	nd
S-SW-10	8/14/15	97	nd	nd
S-SW-10 Dup	8/14/15	97	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/14/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: Restover truck stop

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/14/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1	C-D12-5	5	9:00	SOIL	4oz.																			
2	S-NNW-4	4	9:40		VOA/40Z	✓	✓		✓															
3	S-NNW-10	10	9:45		VOA/40Z	✓	✓		✓															
4	S-NNE-4	4	9:50		↓	✓	✓		✓															
5	S-NNE-10	10	9:55		↓	✓	✓		✓															
6	C-D11-5	5	10:45		4oz																			
7	S-SW-4		11:10		VOA/40Z	✓	✓		✓															
8	S-SW-10		11:15		↓	✓	✓		✓															
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								

Relinquished by: W. Chandler Date / Time: 8/14/15 11:20
 Received by: Krodan Gley Date / Time: 8/14/15 11:20

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	_____ °C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>14</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150813-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/13/15	nd	nd	nd	nd	nd	104
LCS	8/13/15	102%	92%				95
LCS Dup	8/13/15	110%	92%				108
S-S-4	8/13/15	nd	nd	nd	nd	nd	115
S-S-4 Dup	8/13/15	nd	nd	nd	nd	nd	118
S-S-10	8/13/15	7.0 E	30 E	265 E	440 E	23350 E	132
S-DNE-4	8/13/15	nd	nd	nd	nd	nd	115
S-DW-7	8/13/15	nd	nd	nd	nd	nd	105
S-DW-7 Dup	8/13/15	nd	nd	nd	nd	nd	95
S-DW2-7	8/13/15	nd	nd	nd	nd	nd	115
S-DNE-4 MS	8/13/15	109%	94%				114
S-DNE-4 MSD	8/13/15	114%	94%				110
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150813-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/13/15	90	nd	nd
S-S-4	8/13/15	129	nd	nd
S-S-4 Dup	8/13/15	122	nd	nd
S-S-10	8/13/15	int	nd	nd
S-DNE-4	8/13/15	92	nd	nd
S-DW-7	8/13/15	105	nd	nd
S-DW2-7	8/13/15	97	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/13/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 2725 93rd AVE SW 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/13

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1	S-S-4	4	10:10	SOIL	VOA/402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
2	S-S-10	10	10:15			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
3	S-DNE-4	4	11:25			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
4	S-DW-7	7	12:38			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
5	S-DWZ-7	7	13:40		4oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								

Relinquished by: <u>W. Chudner</u>	Date / Time: <u>8/13/15 15:40</u>	Received by: <u>Trudy Gray</u>	Date / Time: <u>8/13/15 15:40</u>	Sample Receipt Good Condition? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Temp. _____ °C Seals Intact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Total Number of Containers: <u>13</u>	Remarks: <div style="color: green; font-size: 2em; text-align: center;">ML</div>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150812-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/12/15	nd	nd	nd	nd	nd	104
LCS	8/12/15	109%	96%				108
LCS Dup	8/12/15	108%	101%				109
S-NNW-4	8/12/15	0.13 E	105 E	19 E	72 E	2298 E	94
S-NNW-8	8/12/15	0.48 E	0.87 E	11 E	37 E	1058 E	76
S-NNW-12	8/12/15	0.025	nd	0.21	1.4	41	91
S-NC-4	8/12/15	nd	nd	0.093	0.53	21	106
S-NC-8	8/12/15	0.037 E	nd	0.49 E	1.3 E	168 E	73
S-NC-12	8/12/15	nd	nd	nd	nd	nd	95
S-NNE-4	8/12/15	nd	nd	nd	nd	nd	98
S-NNE-8	8/12/15	nd	nd	nd	nd	nd	101
S-NNE-12	8/12/15	nd	nd	nd	nd	nd	111
S-NNE-12 Dup	8/12/15	nd	nd	nd	nd	nd	102
EX-SC-18	8/12/15	nd	0.17	0.21	1.9	46	92
S-SW-4	8/12/15	nd	nd	nd	nd	nd	96
S-SW-8	8/12/15	0.35	1.4	7.6	32	720	80
S-SW-12	8/12/15	0.88	0.27	2	7.2	240	89
S-SW-12 MS	8/12/15	106%	88%				
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Indicates value is an estimate because it falls outside the calibration.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150812-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/12/15	100	nd	nd
S-NNW-4	8/12/15	98	nd	nd
S-NNW-4 Dup	8/12/15	107	nd	nd
S-NNW-8	8/12/15	104	nd	nd
S-NNW-12	8/12/15	107	nd	nd
S-NC-4	8/12/15	100	nd	nd
S-NC-8	8/12/15	112	nd	nd
S-NC-12	8/12/15	95	nd	nd
S-NNE-4	8/12/15	104	nd	nd
S-NNE-8	8/12/15	102	nd	nd
S-NNE-8 Dup	8/12/15	102	nd	nd
S-NNE-12	8/12/15	108	nd	nd
EX-SC-18	8/12/15	113	nd	nd
S-SW-4	8/12/15	98	nd	nd
S-SW-8	8/12/15	113	nd	nd
S-SW-12	8/12/15	94	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/12/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/12/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type											Field Notes									
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals								
1	S-NNW-4	4	8:53	SOIL	VOA/40Z	X	X			X														
2	S-NNW-8	8	9:05			X	X			X														
3	S-NNW-12	12	9:08			X	X			X														
4	S-NC-4	4	9:11			X	X			X														
5	S-NC-8	8	9:15			X	X			X														
6	S-NC-12	12	9:18			X	X			X														
7	S-NNE-4	4	9:20			X	X			X														
8	S-NNE-8	8	9:25			X	X			X														
9	S-NNE-12	12	9:30			X	X			X														
10	EX-SC-18	18	12:45			X	X			X														
11	S-SW-4	4	13:48			X	X			X														
12	S-SW-8	8	13:50			X	X			X														
13	S-SW-12	12	13:55			X	X			X														
14																								
15																								
16																								
17																								

Relinquished by: <u>W. Henderson</u>	Date / Time: <u>8/12/15 14:05</u>	Received by: <u>Koddy Gley</u>	Date / Time: <u>8/12/15 14:05</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:
Relinquished by:	Date / Time:	Received by:	Date / Time:

Sample Receipt		Remarks: <u>ML</u>
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Temp.	°C	
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	
Total Number of Containers	<u>39</u>	TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150811-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/11/15	nd	nd	nd	nd	nd	106
LCS	8/11/15	107%	90%				106
LCS Dup	8/11/15	104%	88%				96
S-S3-5'	8/11/15	nd	nd	nd	nd	nd	102
S-SE-5'	8/11/15	nd	nd	nd	nd	nd	112
S-S4-10'	8/11/15	nd	nd	nd	nd	nd	105
S-ESE-3'	8/11/15	nd	nd	nd	nd	nd	106
S-ESE-3' Dup	8/11/15	nd	nd	nd	nd	nd	101
S-ESE-9'	8/11/15	nd	nd	nd	nd	nd	104
S-ESE-7'	8/11/15	nd	nd	nd	nd	nd	107
EX-E-4'	8/11/15	nd	nd	nd	nd	nd	95
EX-E-8'	8/11/15	nd	nd	nd	nd	nd	97
EX-E-12'	8/11/15	nd	nd	nd	nd	nd	100
EX-EC-4'	8/11/15	nd	nd	nd	nd	nd	109
EX-EC-8'	8/11/15	nd	nd	nd	nd	nd	106
EX-EC-12'	8/11/15	nd	nd	nd	nd	nd	102
EX-ESE-4'	8/11/15	0.028	nd	0.29	2.02	52	101
EX-ESE-7'	8/11/15	nd	nd	0.13	0.67	23	100
EX-ESE-12'	8/11/15	nd	nd	0.26	1.02	46	92
S-S4-10' MS	8/11/15	109%	89%				106
S-S4-10' MSD	8/11/15	110%	85%				100
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150811-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/11/15	101	nd	nd
S-S3-5'	8/11/15	96	nd	nd
S-SE-5'	8/11/15	115	nd	nd
S-S4-10'	8/11/15	96	nd	nd
S-S4-10' Dup	8/11/15	102	nd	nd
S-ESE-3'	8/11/15	96	nd	nd
S-ESE-9'	8/11/15	105	nd	nd
S-ESE-7'	8/11/15	96	nd	nd
S-ESE-7' Dup	8/11/15	104	nd	nd
EX-E-4'	8/11/15	85	nd	nd
EX-E-8'	8/11/15	98	nd	nd
EX-E-12'	8/11/15	108	nd	nd
EX-EC-4'	8/11/15	90	nd	nd
EX-EC-8'	8/11/15	107	nd	nd
EX-EC-12'	8/11/15	94	nd	nd
EX-ESE-4'	8/11/15	105	nd	nd
EX-ESE-7'	8/11/15	89	nd	nd
EX-ESE-12'	8/11/15	103	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/11/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/11/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes										
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals											
1	S-S3-5'	5'	8:50	SOIL	LOA/HOZ	✓	✓			✓																
2	S-SE-5'	5'	9:00			✓	✓			✓																
3	S-S4-10'	10'	9:35			✓	✓			✓																
4	S-ESE-3	3	10:40			✓	✓			✓																
5	S-ESE-9	9	10:42			✓	✓			✓																
6	S-ESE-7	7	10:45			✓	✓			✓																
7	EX-E-4	4	11:30			✓	✓			✓																
8	EX-E-8	8	11:35			✓	✓			✓																
9	EX-E-12	12	11:40			✓	✓			✓																
10	EX-EC-4	4	11:45			✓	✓			✓																
11	EX-EG-8	8	11:50			✓	✓			✓																
12	EX-EG-12	12	11:55			✓	✓			✓																
13	EX-ESE-4	4	12:00			✓	✓			✓																
14	EX-ESE-7	7	12:05			✓	✓			✓																
15	EX-ESE-12	12	12:10			✓	✓			✓																
16																										
17																										

Relinquished by: Leo Chaidez Date / Time: 8/11/15 13:05
 Received by: Kristy Cley Date / Time: 8/11/15 13:05
 Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____
 Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	_____ °C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>15</u>

Remarks: ML
 TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150810-10

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/10/15	nd	nd	nd	nd	nd	110
LCS	8/10/15	113%	132%				109
S-W-7	8/10/15	nd	nd	nd	nd	nd	102
S-W-7 Dup	8/10/15	nd	nd	nd	nd	nd	102
S-W-10	8/10/15	nd	nd	nd	nd	81	112
S-E-3	8/10/15	nd	nd	0.087	0.66	67	101
S-E-7	8/10/15	<0.4	<2	1.2	2.7	501	101
S-E-13	8/10/15	nd	nd	0.11	0.30	38	100
E-B-7	8/10/15	0.27	0.68	9.0	60	1310	98
S-N-4	8/10/15	0.097	0.12	1.8	6.3	125	98
S-N-8	8/10/15	<0.4	2.0	4.1	12	1360	100
EXE-B-13	8/10/15	0.085	0.34	0.13	0.59	45	102
S-S-4	8/10/15	0.020	nd	nd	0.20	15	101
S-S-10	8/10/15	<2	<10	<5	<15	4310	100
S-S2-5	8/10/15	nd	nd	nd	nd	10	101
S-S2-10	8/10/15	nd	nd	nd	nd	nd	101
S-S2-10 Dup	8/10/15	nd	nd	nd	nd	nd	100
S-E-3 MS	8/10/15	103%	121%				135
S-E-3 MSD	8/10/15	110%	129%				115
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150810-10
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/10/15	100	nd	nd
S-W-7	8/10/15	99	nd	nd
S-W-10	8/10/15	100	nd	nd
S-E-3	8/10/15	99	nd	nd
S-E-7	8/10/15	int	nd	nd
S-E-13	8/10/15	99	nd	nd
E-B-7	8/10/15	int	nd	nd
S-N-4	8/10/15	101	nd	nd
S-N-8	8/10/15	101	nd	nd
EXE-B-13	8/10/15	int	nd	nd
EXE-B-13 Dup	8/10/15	int	nd	nd
S-S-4	8/10/15	86	nd	nd
S-S-10	8/10/15	100	nd	nd
S-S-10 Dup	8/10/15	int	nd	nd
S-S2-5	8/10/15	101	nd	nd
S-S2-10	8/10/15	99	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/10/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th Ave SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 93rd Ave & I-5 south City, State: OLYMPIA, WA-

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/10/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1	7	8:25	SOIL	VOA/402	✓	✓			✓										
2	10	8:30			✓	✓			✓										
3	3	8:35			✓	✓			✓										
4	7	8:40			✓	✓			✓										
5	13	8:45			✓	✓			✓										
6	7	9:30			✓	✓			✓										
7	4	11:03			✓	✓			✓										
8	8	11:05			✓	✓			✓										
9	13	11:15			✓	✓			✓										
10	4	12:30			✓	✓			✓										
11	10	13:20			✓	✓			✓										
12	5	14:22			✓	✓			✓										
13	10	14:26			✓	✓			✓										
14																			
15																			
16																			
17																			

Relinquished by: <u>lchaidez</u>	Date / Time: 8/10/15 3:00	Received by: <u>Therley Gray</u>	Date / Time: 8/10/15 3:00	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: 39	Remarks: <div style="font-size: 2em; color: green; text-align: center;">ML</div>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150806-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/6/15	nd	nd	nd	nd	nd	107
LCS	8/6/15	117%	85%				86
ESS-7	8/6/15	0.066	nd	0.63	2.1	56	117
ESS-7 Dup	8/6/15	0.083	nd	0.56	2.2	54	113
ESS-7 MS	8/6/15	110%	92%				96
ESS-7 MSD	8/6/15	106%	89%				87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

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Email: libbyenv@aol.com

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150806-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/6/15	100	nd	nd
ESS-7	8/6/15	102	nd	nd
ESS-7 Dup	8/6/15	115	nd	nd
Practical Quantitation Limit			25	40

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/6/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chai

Address:

Project Name: Restover

City: State: Zip:

Location: Tumwater City, State: WA

Phone: Fax:

Collector: Leo Date of Collection: 8/6/15

Client Project # 12116

Email:



Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals	Field Notes
1 <u>ESS-7</u>		<u>8:35</u>	<u>S</u>	<u>2VOA51402</u>	<u>X</u>				<u>X</u>	<u>X</u>					
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															

Relinquished by:	Date / Time	Received by:	Date / Time	Sample Receipt:	Remarks:
		<u>Paul Burk</u>	<u>8/6/15</u>		
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	<u>Y</u>
				Cold?	
Relinquished by:	Date / Time	Received by:	Date / Time	Seals Intact?	<u>Y</u>
				Total Number of Containers	<u>3</u>

ML

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Michael Chun
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chun:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150805-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/5/15	nd	nd	nd	nd	nd	108
LCS	8/5/15	121%	90%				111
EX-B-Center-18'	8/5/15	nd	nd	nd	nd	nd	97
S-NE-15'	8/5/15	nd	nd	nd	nd	nd	91
EX-B-NE-17'	8/5/15	nd	nd	nd	nd	nd	81
EX-B-NW-18'	8/5/15	nd	nd	nd	nd	nd	86
EX-B-N-18'	8/5/15	nd	nd	nd	nd	nd	73
L150804-2 MS	8/5/15	102%	75%				89
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150805-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/5/15	102	nd	nd
EX-B-Center-18'	8/5/15	108	nd	nd
S-NE-15'	8/5/15	99	60	nd
S-NE-15' Dup	8/5/15	94	nd	nd
EX-B-NE-17'	8/5/15	109	nd	nd
EX-B-NE-17' Dup	8/5/15	103	nd	nd
EX-B-NW-18'	8/5/15	94	55	nd
EX-B-N-18'	8/5/15	102	nd	nd
Practical Quantitation Limit			25	40

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/5/15 Page: 1 of 1

Client: REG

Project Manager: Mike Chun

Address: 605 11th AVE SE

Project Name: RESPONER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 93rd & I-5 south City, State: Olympia, WA.

Phone: (360) 352-9835 Fax:

Collector: LEO CHAUDEZ Date of Collection: 8/5/15

Client Project # 12-116

Email: lchaidez@aegwa.com

Sample Number	Depth	Time	Sample Type	Container Type	Analytical Methods											Field Notes		
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCB's 8082	MTCA 5 Metals				
1 EX-B-CENTER-18	18	10:57	SOIL	VOA H02	✓				✓	✓								
2 S-NE-15	15	12:03	✓	✓	✓				✓	✓								
3 EXB-NE-17	17'	12:10	✓	✓	✓				✓	✓								
4 EXB-NW-18	18	13:57	✓	✓	✓				✓	✓								
5 EXB-N-18	18	14:06	✓	✓	✓				✓	✓								
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>lchaidez</u>	Date / Time: <u>8/5/15 15:18</u>	Received by: <u>Thoddy Gley</u>	Date / Time: <u>8/5/15 15:18</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	ML
				Cold?	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	
				Total Number of Containers	



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 6, 2015

Michael Chun
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chun:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
LCS	7/30/15	113%	99%				117
D3B-14'	7/30/15	nd	nd	nd	nd	nd	118
UST-NS-8'	7/30/15	nd	nd	nd	nd	nd	119
Stock Pile 1	7/30/15	nd	nd	0.12	nd	48	107
Stock Pile 2	7/30/15	nd	nd	nd	nd	nd	114
Stock Pile 3	7/30/15	nd	nd	nd	nd	nd	107
Stock Pile 4	7/30/15	nd	nd	nd	nd	nd	85
G1B-14'	7/30/15	0.031	nd	0.067	0.40	77	98
G2B-13'	7/30/15	nd	nd	nd	nd	nd	106
G2B-13' Dup	7/30/15	nd	nd	nd	nd	nd	105
UST-NS-8' MS	7/30/15	105%	99%				107
UST-NS-8' MSD	7/30/15	106%	93%				93
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

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RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
Method Blank	8/2/15	nd	nd	nd	nd	nd	96
LCS	7/30/15	113%	99%				117
LCS	8/2/15	120%	91%				96
GL-ND1-3.5'	8/2/15	5.13	48.8	107	339	8610	int
GL-ND1-3.5' Dup	8/2/15	4.17	50.3	110	342	9360	int
GD1-3'	7/30/15	nd	nd	nd	nd	nd	98
GLD1D2-3'	7/30/15	0.11	0.11	0.14	1.03	21	96
GLD2D4-3'	7/30/15	nd	nd	nd	nd	nd	91
GD2-3'	7/30/15	nd	nd	nd	nd	nd	80
GD4-3'	7/30/15	nd	nd	nd	nd	nd	85
GL-D3D4-3'	7/30/15	0.96	0.47	2.51	5.98	124	83
GD3-3'	7/30/15	nd	nd	nd	nd	nd	68
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/30/15	105	nd	nd
Method Blank	7/31/15	100	nd	nd
D3B-14'	7/30/15	105	nd	nd
UST-NS-8'	7/30/15	106	nd	nd
Stock Pile 1	7/30/15	105	nd	nd
Stock Pile 2	7/30/15	96	nd	nd
Stock Pile 3	7/30/15	99	nd	nd
Stock Pile 4	7/30/15	int	1170	nd
G1B-14'	7/30/15	101	nd	nd
G2B-13'	7/30/15	110	nd	nd
D1L1-2'	7/30/15	118	nd	740
DD1-2'	7/30/15	int	2690	nd
DD1-2' Dup	7/30/15	int	2570	nd
DL-D2D3-2'	7/30/15	118	nd	nd
D3-L1-2'	7/30/15	108	nd	nd
DL2-D3D4-2'	7/30/15	87	nd	450
DL1-D3D4-2'	7/30/15	109	nd	nd
DL1-D4D5-2'	7/31/15	int	12700	nd
DL2-D4D5-2'	7/31/15	int	12400	nd
DL1-D5D6-2'	7/31/15	int	1470	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
Method Blank	8/2/15	95	nd	nd
DL2-D5D6-2'	7/31/15	int	5140	nd
DL2-D6D7-2'	7/31/15	int	78200	nd
DL2-D6D7-2' Dup	7/31/15	int	77700	nd
DD2-3'	7/31/15	int	11500	nd
DD3-3'	7/31/15	int	1500	nd
DD4-3'	7/31/15	int	2950	nd
DD5-3'	7/31/15	int	18000	nd
DD6-3'	7/31/15	int	12700	nd
DL-D6D11-3'	8/2/15	int	19600	nd
DD7-3'	8/2/15	int	17300	nd
DL-D7D12-3'	7/31/15	102	nd	nd
DD12-3'	7/31/15	int	2340	nd
DL-D11D12-3'	7/31/15	98	nd	nd
DD11-4'	7/31/15	116	160	nd
DL-D10D11-4'	7/31/15	93	260	nd
DL-D10D11-4' Dup	7/31/15	102	210	nd
DD-10-3'	8/2/15	89	nd	nd
DD-10-3' Dup	8/2/15	91	nd	nd
DD9-3'	7/31/15	97	nd	nd
DL-D8D9-4'	7/31/15	100	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
DD8-3'	7/31/15	101	nd	nd
DL-D4D9-2.5'	7/31/15	94	nd	nd
DL-ND9-3'	7/31/15	92	nd	nd
DL-ND12-3'	7/31/15	92	nd	nd
DL-ND12-3' Dup	7/31/15	93	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

Analyses of Total Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	8/3/15	nd
G1-B-14'	8/3/15	nd
G2-B-13'	8/3/15	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman

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RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

QA/QC for Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)
LCS	8/3/15	89%
L150723-10B MS	8/3/15	94%
L150723-10B MSD	8/3/15	96%
RPD	8/3/15	2%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%

ACCEPTABLE RPD IS 20%

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 7/30/15
Page: 1 of 3

Client: AEG

Project Manager: Mike Chun

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: WA Zip:

Location: 93rd Ave & I-5S City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 7/28/15 - 7/30/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCBs 8082	MTCA 5 Metals		Total Pb	TCLP Pb	
1 D3B-14	7/28/15	14	11:37	S	4oz/VOA ¹⁰													Collected 7/28/15
2 UST-NS-8	8	12:15	S	4oz/VOA ¹⁰														
3 Stockpile 1		13:12																
4 Stockpile 2		13:18																
5 Stockpile 3		13:25																
6 Stockpile 4	7/28/15	13:45																
7 G1B-14	7/29/15	14	8:13															Collected 7/29/15
8 G2B-19	7/28/15	14	12:20															Collected 7/28/15
9 DL1-2	2	8:47	S	4oz														Collected 7/30/15
10 DD1-2	2	9:20	S	4oz														" "
11 DL-D2D3-2.5'	2.5	9:45	S	4oz														" "
12 D3-L1-2'	2	9:55	S	4oz														Collected 7/30/15
13 DL2-D3D4-2'	2	10:23	S	4oz														8-3-15
14 DL1-D3D4-2'	2	10:30	S	4oz														added Total & TCLP Pb
15 DL4-D4D5-2'	2	10:40	S	4oz														per Leo 24hr
16 DL2-D4D5-2'	2	11:00	S	4oz														added PAH 24hr
17 DL1-D5D6-2'	2	11:15	S	4oz														8-4 changed no PAH on #15

Relinquished by: <i>W. Chandler</i>	Date / Time: 7/30/15 15:40	Received by: <i>Wendy Wiley</i>	Date / Time: 7/30/15 15:40	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	Y
				Cold?	Y
				Seals Intact?	Y
				Total Number of Containers	33

TAT: 24HR 48HR 5-DAY

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 7/30/15

Page: 2 of 3

Client: AFG

Project Manager: Mike Chun

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip:

Location: 93rd Ave & I-5s City, State: Olympia, Wa

Phone: 360-352-9835 Fax:

Collector: Leo Chaidze Date of Collection: 7/30/15

Client Project # 12-116

Email: lchaidze@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOC 8260	NWTPH-GX	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082		MTCA 5 Metals	RCRA 8 Metals	
1 DL2-DS06-2'	2	11:16	S	4oz						✓	⊗							8/3 added PAH
2 DL2-D6D7-2'	2	11:33	S	4oz						✓	⊗							per Leo 24hr test
3 DD2-3'	3	12:25	S	4oz						✓	⊗							
4 DD3-3'	3	12:27	S	4oz						✓	⊗							8/4 changed. only
5 DD4-3'	3	12:34	S	4oz						✓	⊗							DL2-D6D7-2 For PAH
6 DD5-3'	3	12:37	S	4oz						✓	⊗							7-28-15 per Leo
7 DD6-3'	3	12:41	S	4oz						✓	⊗							
8 DL-D6D11-3'	3	12:52	S	4oz						✓	⊗							
9 DD7-3'	3	12:55	S	4oz						✓	⊗							
10 DL-D7D12-3'	3	13:00	S	4oz						✓	⊗							
11 DD12-3'	3	13:07	S	4oz						✓								
12 DL-D11D12-3'	3	13:13	S	4oz						✓								
13 DD11-4'	4	13:17	S	4oz						✓								
14 DL-D16D11-4'	4'	13:20	S	4oz						✓								
15 DD10-3'	3	13:25	S	4oz						✓								
16 DD9-3'	3	13:33	S	4oz						✓								
17 DL-D8D9-4'	4	13:40	S	4oz						✓								

Relinquished by: <u>Leo Chaidze</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Tracy Gley</u>	Date / Time: <u>7/30/15 15:40</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:
Relinquished by:	Date / Time:	Received by:	Date / Time:

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	°C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>17</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 7/30/15 Page: 3 of 3

Client: AEG

Project Manager: Mike Chunn

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip: 5

Location: 43rd Ave & E-55 City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Leo Chaidze Date of Collection: 7/30/15

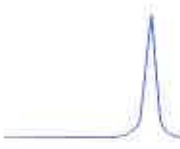
Client Project # 12-116

Email: lchaidze@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes											
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals										
1 DD8-3'	3'	13:45	S	4oz																							
2 DL-D4D9-2.5'	2.5'	13:48	S	4oz																							
3 DL-ND9-3'	3'	13:53	S	4oz																							
4 DL-ND12-3'	3'	13:57	S	4oz																							
5 GL-MDI-3.5'	3.5'	14:10	S	4oz/vol ²	X	X																					
6 GD1-3'	3'	14:15	S	4oz	X	X																					
7 GL-D1D2-3'	3'	14:25	S	4oz	X	X																					
8 GL-D2D4-3'	3'	14:35	S	4oz	X	X																					
9 GD2-3'	3'	14:35	S	4oz	X	X																					
10 GD4-3'	3'	14:40	S		X	X																					
11 GL-D3D4-3'	3'	14:55	S		X	X																					
12 GD3-3'	3'	15:00	S		X	X																					
13																											
14																											
15																											
16																											
17																											

Relinquished by: <u>L Chaidze</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Wendy Eley</u>	Date / Time: <u>7/30/15 15:40</u>	Sample Receipt Good Condition? <u>B</u> N Temp. °C Seals Intact? <u>B</u> N N/A Total Number of Containers: <u>19</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



SPECTRA Laboratories

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

08/04/2015

Libby Environmental, Inc.
4139 Libby Rd NE
Olympia, WA 98506
Attn: Jamie Deyman

Project: Rest Over
Date Received: 08/03/2015
Spectra Project: 2015080008
Rush

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
G1B-14 7/29/15	1	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/29/2015
G2B-14 7/28/15	2	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/28/2015

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager
a8/mkw



SPECTRA Laboratories

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

8/4/2015

Libby Environmental, Inc
4139 Libby Rd. NE
Olympia, WA 98506

Units: mg/L
Spectra Project: 2015080008
Applies to Spectra #'s 1-2
Analyst: MKW

QUALITY CONTROL RESULTS ICP Metals SW846 6010C - TCLP

Method Blank

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Result
Lead	< 0.04

Laboratory Control Sample (LCS)

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Spike Added	LCS Conc.	LCS %Rec
Lead	1.0	0.996	99.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 8/3/2015 Date Analyzed: 8/3/2015
Sample Spiked: 2015070748-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc.	MSD %Rec	RPD
Lead	0.000	1.0	0.996	99.6	1.009	100.9	1.3

Recovery Limits 75-125%
RPD Limit 20

SPECTRA LABORATORIES

Steven G. Hibbs
Laboratory Manager



3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

Libby Environmental

Sherry Chilcutt
4139 Libby Rd. NE
Olympia, WA 98506

RE: Restover

Lab ID: 1508030

August 05, 2015

Attention Sherry Chilcutt:

Fremont Analytical, Inc. received 1 sample(s) on 8/5/2015 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Chelsea Ward".

Chelsea Ward
Project Manager



Date: 08/05/2015

CLIENT: Libby Environmental
Project: Restover
Lab Order: 1508030

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1508030-001	DL2-D6D7-2'	07/30/2015 11:33 AM	08/05/2015 10:17 AM



Case Narrative

WO#: 1508030

Date: 8/5/2015

CLIENT: Libby Environmental

Project: Restover

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

- %Rec - Percent Recovery
 - CCB - Continued Calibration Blank
 - CCV - Continued Calibration Verification
 - DF - Dilution Factor
 - HEM - Hexane Extractable Material
 - ICV - Initial Calibration Verification
 - LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
 - MB or MBLANK - Method Blank
 - MDL - Method Detection Limit
 - MS/MSD - Matrix Spike / Matrix Spike Duplicate
 - PDS - Post Digestion Spike
 - Ref Val - Reference Value
 - RL - Reporting Limit
 - RPD - Relative Percent Difference
 - SD - Serial Dilution
 - SGT - Silica Gel Treatment
 - SPK - Spike
 - Surr - Surrogate
-



Analytical Report

WO#: 1508030
Date Reported: 8/5/2015

Client: Libby Environmental

Collection Date: 7/30/2015 11:33:00 AM

Project: Restover

Lab ID: 1508030-001

Matrix: Soil

Client Sample ID: DL2-D6D7-2'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 11514

Analyst: NG

Naphthalene	1,030	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
2-Methylnaphthalene	3,010	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
1-Methylnaphthalene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthylene	950	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthene	952	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluorene	1,080	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Phenanthrene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Anthracene	2,630	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluoranthene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Pyrene	834	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benz(a)anthracene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Chrysene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(b)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(k)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(a)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Indeno(1,2,3-cd)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Dibenz(a,h)anthracene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(g,h,i)perylene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Surr: 2-Fluorobiphenyl	54.1	35.3-142		%REC	1	8/5/2015 4:26:00 PM
Surr: Terphenyl-d14 (surr)	83.9	48.8-157		%REC	1	8/5/2015 4:26:00 PM

NOTES:

I - Indicates an analyte with an internal standard that does not meet established acceptance criteria due to sample matrix interference. The MB and LCS were within range.

Sample Moisture (Percent Moisture)

Batch ID: R24024

Analyst: CG

Percent Moisture	9.42	0.500		wt%	1	8/5/2015 11:31:58 AM
------------------	------	-------	--	-----	---	----------------------



Date: 8/5/2015

Work Order: 1508030
 CLIENT: Libby Environmental
 Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: MB-11514	SampType: MBLK	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: MBLKS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455048							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									
Surr: 2-Fluorobiphenyl	507		500.0		101	35.3	142				
Surr: Terphenyl-d14 (surr)	736		500.0		147	48.8	157				

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	898	50.0	1,000	0	89.8	61.6	125				
2-Methylnaphthalene	928	50.0	1,000	0	92.8	58.2	129				
1-Methylnaphthalene	950	50.0	1,000	0	95.0	56.4	132				
Acenaphthylene	925	50.0	1,000	0	92.5	52.2	133				
Acenaphthene	1,000	50.0	1,000	0	100	54	131				
Fluorene	949	50.0	1,000	0	94.9	53.4	131				



Date: 8/5/2015

Work Order: 1508030
 CLIENT: Libby Environmental
 Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenanthrene	981	50.0	1,000	0	98.1	55.6	128				
Anthracene	1,090	50.0	1,000	0	109	51	132				
Fluoranthene	1,070	50.0	1,000	0	107	48.4	134				
Pyrene	1,040	50.0	1,000	0	104	48.6	135				
Benz(a)anthracene	1,040	50.0	1,000	0	104	41.9	136				
Chrysene	1,090	50.0	1,000	0	109	51.4	135				
Benzo(b)fluoranthene	1,200	50.0	1,000	0	120	39.7	137				
Benzo(k)fluoranthene	917	50.0	1,000	0	91.7	45.7	138				
Benzo(a)pyrene	1,080	50.0	1,000	0	108	40.9	141				
Indeno(1,2,3-cd)pyrene	895	50.0	1,000	0	89.5	41	140				
Dibenz(a,h)anthracene	1,070	50.0	1,000	0	107	37.6	140				
Benzo(g,h,i)perylene	775	50.0	1,000	0	77.5	45	134				
Surr: 2-Fluorobiphenyl	490		500.0		97.9	35.3	142				
Surr: Terphenyl-d14 (surr)	649		500.0		130	48.8	157				



Date: 8/5/2015

Work Order: 1508030
CLIENT: Libby Environmental
Project: Restover

QC SUMMARY REPORT
Sample Moisture (Percent Moisture)

Sample ID: 1508031-003ADUP	SampType: DUP	Units: wt%	Prep Date: 8/5/2015	RunNo: 24024							
Client ID: BATCH	Batch ID: R24024		Analysis Date: 8/5/2015	SeqNo: 454665							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	0.752	0.500						0.7519000000000251		20	

Client Name: **LIBBY**
 Logged by: **Erica Silva**

 Work Order Number: **1508030**
 Date Received: **8/5/2015 10:17:00 AM**

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Required
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >0°C to 10.0°C * Yes No NA

Please refer to Item Information

8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	14.5
Sample	11.7

Libby Environmental, Inc.

Chain of Custody Record

1508030

www.LibbyEnvironmental.com

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

Date: 8/4/15 Page: 1 of 1

Client: Libby Environmental

Project Manager: Sherry Chilcutt

Address: See above

Project Name: Restover

City: State: Zip:

Location: City, State: Olympia, Wa

Phone: Fax:

Collector: Date of Collection: 7/30/15

Client Project # L150730-30

Email:



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 DL2-D6D7-2'	3'	11:33	Soil	4oz						X						
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																

Relinquished by: <i>J. M. Gray</i>	Date / Time: 8/4/15	Received by: <i>WPS</i>	Date / Time: 8/4/15	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers: _____ TAT: (24HR) 48HR 5-DAY	Remarks:
Relinquished by: <i>WPS</i>	Date / Time: _____	Received by: <i>Ch</i>	Date / Time: 1508005 1017		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		

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3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

Libby Environmental

Sherry Chilcutt
4139 Libby Rd. NE
Olympia, WA 98506

RE: Restover

Lab ID: 1508030

August 05, 2015

Attention Sherry Chilcutt:

Fremont Analytical, Inc. received 1 sample(s) on 8/5/2015 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Chelsea Ward".

Chelsea Ward
Project Manager



Date: 08/05/2015

CLIENT: Libby Environmental
Project: Restover
Lab Order: 1508030

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1508030-001	DL2-D6D7-2'	07/30/2015 11:33 AM	08/05/2015 10:17 AM



Case Narrative

WO#: 1508030

Date: 8/5/2015

CLIENT: Libby Environmental

Project: Restover

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

- %Rec - Percent Recovery
 - CCB - Continued Calibration Blank
 - CCV - Continued Calibration Verification
 - DF - Dilution Factor
 - HEM - Hexane Extractable Material
 - ICV - Initial Calibration Verification
 - LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
 - MB or MBLANK - Method Blank
 - MDL - Method Detection Limit
 - MS/MSD - Matrix Spike / Matrix Spike Duplicate
 - PDS - Post Digestion Spike
 - Ref Val - Reference Value
 - RL - Reporting Limit
 - RPD - Relative Percent Difference
 - SD - Serial Dilution
 - SGT - Silica Gel Treatment
 - SPK - Spike
 - Surr - Surrogate
-



Analytical Report

WO#: 1508030
Date Reported: 8/5/2015

Client: Libby Environmental

Collection Date: 7/30/2015 11:33:00 AM

Project: Restover

Lab ID: 1508030-001

Matrix: Soil

Client Sample ID: DL2-D6D7-2'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 11514

Analyst: NG

Naphthalene	1,030	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
2-Methylnaphthalene	3,010	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
1-Methylnaphthalene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthylene	950	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthene	952	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluorene	1,080	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Phenanthrene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Anthracene	2,630	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluoranthene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Pyrene	834	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benz(a)anthracene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Chrysene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(b)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(k)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(a)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Indeno(1,2,3-cd)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Dibenz(a,h)anthracene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(g,h,i)perylene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Surr: 2-Fluorobiphenyl	54.1	35.3-142		%REC	1	8/5/2015 4:26:00 PM
Surr: Terphenyl-d14 (surr)	83.9	48.8-157		%REC	1	8/5/2015 4:26:00 PM

NOTES:

I - Indicates an analyte with an internal standard that does not meet established acceptance criteria due to sample matrix interference. The MB and LCS were within range.

Sample Moisture (Percent Moisture)

Batch ID: R24024

Analyst: CG

Percent Moisture	9.42	0.500		wt%	1	8/5/2015 11:31:58 AM
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Date: 8/5/2015

Work Order: 1508030
 CLIENT: Libby Environmental
 Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: MB-11514	SampType: MBLK	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: MBLKS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455048							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									
Surr: 2-Fluorobiphenyl	507		500.0		101	35.3	142				
Surr: Terphenyl-d14 (surr)	736		500.0		147	48.8	157				

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	898	50.0	1,000	0	89.8	61.6	125				
2-Methylnaphthalene	928	50.0	1,000	0	92.8	58.2	129				
1-Methylnaphthalene	950	50.0	1,000	0	95.0	56.4	132				
Acenaphthylene	925	50.0	1,000	0	92.5	52.2	133				
Acenaphthene	1,000	50.0	1,000	0	100	54	131				
Fluorene	949	50.0	1,000	0	94.9	53.4	131				



Date: 8/5/2015

Work Order: 1508030
 CLIENT: Libby Environmental
 Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenanthrene	981	50.0	1,000	0	98.1	55.6	128				
Anthracene	1,090	50.0	1,000	0	109	51	132				
Fluoranthene	1,070	50.0	1,000	0	107	48.4	134				
Pyrene	1,040	50.0	1,000	0	104	48.6	135				
Benz(a)anthracene	1,040	50.0	1,000	0	104	41.9	136				
Chrysene	1,090	50.0	1,000	0	109	51.4	135				
Benzo(b)fluoranthene	1,200	50.0	1,000	0	120	39.7	137				
Benzo(k)fluoranthene	917	50.0	1,000	0	91.7	45.7	138				
Benzo(a)pyrene	1,080	50.0	1,000	0	108	40.9	141				
Indeno(1,2,3-cd)pyrene	895	50.0	1,000	0	89.5	41	140				
Dibenz(a,h)anthracene	1,070	50.0	1,000	0	107	37.6	140				
Benzo(g,h,i)perylene	775	50.0	1,000	0	77.5	45	134				
Surr: 2-Fluorobiphenyl	490		500.0		97.9	35.3	142				
Surr: Terphenyl-d14 (surr)	649		500.0		130	48.8	157				



Date: 8/5/2015

Work Order: 1508030
CLIENT: Libby Environmental
Project: Restover

QC SUMMARY REPORT
Sample Moisture (Percent Moisture)

Sample ID: 1508031-003ADUP	SampType: DUP	Units: wt%	Prep Date: 8/5/2015	RunNo: 24024							
Client ID: BATCH	Batch ID: R24024		Analysis Date: 8/5/2015	SeqNo: 454665							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	0.752	0.500						0.7519000000000251		20	

Client Name: **LIBBY**
 Logged by: **Erica Silva**

 Work Order Number: **1508030**
 Date Received: **8/5/2015 10:17:00 AM**

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Required
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >0°C to 10.0°C * Yes No NA
- Please refer to Item Information
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	14.5
Sample	11.7



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

July 30, 2015

Michael Chun
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chun:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150728-5
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/29/15	nd	nd	nd	nd	nd	99
LCS	7/29/15	97%	107%				99
UST-SS-7	7/29/15	nd	nd	nd	nd	nd	103
D1B-14	7/29/15	0.034	0.12	4.1	26	108	97
D2B-14	7/29/15	nd	nd	nd	nd	nd	103
L150728-2 MS	7/29/15	94%	111%				115
L150728-2 MSD	7/29/15	88%	106%				107
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150728-5
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/29/15	96	nd	nd
UST-SS-7	7/29/15	108	nd	nd
D1B-14	7/29/15	int	930	nd
D1B-14 Dup	7/29/15	int	1010	nd
D2B-14	7/29/15	105	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 7/28/15 Page: 1 of 1

Client: AEG

Project Manager: Mike Chan

Address: 605 1th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 93rd WEST I-5S City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: LEO CHANDEZ Date of Collection: 7/28/15

Client Project # 12-116

Email: lchaidez@aeqwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCB's 8082	MTCA 5 Metals				
1 <u>UST-SS-7</u>	<u>7</u>	<u>10:47</u>	<u>SOIL</u>	<u>16A/402</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>No HCLD</u>
2 <u>D1B-14</u>	<u>14</u>	<u>15:54</u>	<u>↓</u>	<u>↓</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>"</u>
3 <u>D2B-14</u>	<u>14</u>	<u>16:12</u>	<u>↓</u>	<u>↓</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>"</u>
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>L. Chandez</u>	Date / Time: <u>7/28/15 17:37</u>	Received by: <u>J. Deyan</u>	Date / Time: <u>7/28/15 17:37</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition? <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Cold? <u>6°</u> Seals Intact? <input checked="" type="checkbox"/> Total Number of Containers <u>9</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:	TAT: <u>24HR</u> 48HR 5-DAY	

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law. Distribution: White - Lab, Yellow - File, Pink - Originator



SPECTRA Laboratories

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

08/04/2015

Libby Environmental, Inc.
4139 Libby Rd NE
Olympia, WA 98506
Attn: Jamie Deyman

Project: Rest Over
Date Received: 08/03/2015
Spectra Project: 2015080008
Rush

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
G1B-14 7/29/15	1	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/29/2015
G2B-14 7/28/15	2	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/28/2015

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager
a8/mkw



SPECTRA Laboratories

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

8/4/2015

Libby Environmental, Inc
4139 Libby Rd. NE
Olympia, WA 98506

Units: mg/L
Spectra Project: 2015080008
Applies to Spectra #'s 1-2
Analyst: MKW

QUALITY CONTROL RESULTS

ICP Metals SW846 6010C - TCLP

Method Blank

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Result
Lead	< 0.04

Laboratory Control Sample (LCS)

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Spike Added	LCS Conc.	LCS %Rec
Lead	1.0	0.996	99.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 8/3/2015 Date Analyzed: 8/3/2015
Sample Spiked: 2015070748-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc	MSD %Rec	RPD
Lead	0.000	1.0	0.996	99.6	1.009	100.9	1.3

Recovery Limits 75-125%
RPD Limit 20

SPECTRA LABORATORIES

Steven G. Hibbs
Laboratory Manager

Libby Environmental, Inc.

Chain of Custody Record 2015080008

www.LibbyEnvironmental.com

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

Date: 8-3-15 Page: 1 of 1

Client: Libby Environmental, Inc.

Project Manager: Sherry Chilcutt

Address: (see above)

Project Name: Restover

City: _____ State: _____ Zip: _____

Location: _____ City, State: Olympia, WA

Phone: _____ Fax: _____

Collector: _____ Date of Collection: _____

Client Project # L150730-30

Email: libbyenv@aol.com



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 802-1	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	TCLP Pb	Field Notes	
1 G1B-14	7/29/15	14	813	S	Jar												X	
2 G2B-13	7/28/15	14	1220	S	Jar												X	
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: EJR Date / Time: 8/3/15
 Received by: Loretta Date / Time: 8/3/15

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt			
Good Condition?	Y	N	
Temp.	°C		
Seals Intact?	Y	N	N/A
Total Number of Containers			

Remarks: Cooler Temp. T=18.6
T=11.6

TAT: 24HR 48HR 5-DAY

Libby Environmental, Inc.

Chain of Custody Record

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

Date: 7/30/15 Page: 1 of 3

Client: AE G

Project Manager: Mike Chun

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: WA Zip:

Location: 93rd Ave #1-55 City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 7/28/15 - 7/30/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytical Parameters										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals		Total Pb	TCLP Pb	
1 D3B-14	7/28/15	14	11:37	S	4oz/VOA ²													collected 7/28/15
2 UST-NS-8	8	12:15	S	4oz/VOA ²														
3 Stockpile 1		13:12																
4 Stockpile 2		13:18																
5 Stockpile 3		13:25																
6 Stockpile 4	7/28/15	13:45																
7 GIB-14	7/24/15	14	8:13															collected 7/29/15
8 G2B-19	7/28/15	14	12:20															collected 7/28/15
9 DL1-2	2	8:47	S	4oz														collected 7/30/15
10 DD1-2	2	9:20	S	4oz														" "
11 DL-D2D3-2.5'	2.5	9:45	S	4oz														" "
12 D3-L1-2'	2	9:55	S	4oz														collected 7/30/15
13 DL2-D3D4-2'	2	10:23	S	4oz														8-3-15
14 DL1-D3D4-2'	2	10:30	S	4oz														added Total & TCLP Pb
15 DL1-D4D5-2'	2	10:40	S	4oz														per Leo 24hr
16 DL2-D4D5-2'	2	11:00	S	4oz														added PAH 24hr
17 DL1-D5D6-2'	2	11:15	S	4oz														

Relinquished by: <u>lchaidez</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Wendy Wiley</u>	Date / Time: <u>7/30/15 15:40</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	<u>Y</u>
				Cold?	<u>Y</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	<u>Y</u>
				Total Number of Containers	<u>37</u>

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 7/30/15 Page: 2 of 3

Client: AFG

Project Manager: Mike Chunn

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip:

Location: 93rd Ave & I-5 S City, State: Olympia, Wa

Phone: 360-352-9835 Fax:

Collector: Leo Chaidetz Date of Collection: 7/30/15

Client Project # 12-116

Email: lchaidetz@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes				
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-IDx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCAs 5 Metals		RCRAs 8 Metals			
1 DL2-DS06-2'	2	11:16	S	4oz							✓	⊗							8/3 added PAH
2 DL2-D6D7-2'	2	11:33	S	4oz							✓	⊗							per Leo 2-1 hr test
3 DD2-3'	3	12:25	S	4oz							✓	⊗							
4 DD3-3'	3	12:27	S	4oz							✓								
5 DD4-3'	3	12:34	S	4oz							✓								
6 DD5-3'	3	12:37	S	4oz							✓	⊗							7-28-15
7 DD6-3'	3	12:41	S	4oz							✓	⊗							
8 DL-D6D11-3'	3	12:52	S	4oz							✓	⊗							
9 DD7-3'	3	12:55	S	4oz							✓	⊗							
10 DL-D7D12-3'	3	12:00	S	4oz							✓								
11 DD12-3'	3	13:07	S	4oz							✓								
12 DL-D11D12-3'	3	13:13	S	4oz							✓								
13 DD11-4'	4	13:17	S	4oz							✓								
14 DL-D16D11-4'	4'	13:20	S	4oz							✓								
15 DD10-3'	3	13:25	S	4oz							✓								
16 DD9-3'	3	13:33	S	4oz							✓								
17 DL-D8D9-4'	4	13:40	S	4oz							✓								

Relinquished by: <u>Leo Chaidetz</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Tracy Gley</u>	Date / Time: <u>7/30/15 15:40</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:
Relinquished by:	Date / Time:	Received by:	Date / Time:

Sample Receipt		Remarks:
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Temp.	°C	
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	
Total Number of Containers	<u>17</u>	TAT: 24HR 48HR 5-DAY

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 7/30/15 Page: 3 of 3

Client: AEG

Project Manager: Mike Chunn

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip: 5

Location: 43rd Ave & I-5s City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Leo Chaidze Date of Collection: 7/30/15

Client Project # 12-116

Email: lchaidze@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes	
1 DD8-3'	3'	13:45	S	4oz					X								
2 DL-D4D9-2.5'	2.5'	13:48	S	4oz					X								
3 DL-ND9-3'	3'	13:53	S	4oz					X								
4 DL-ND12-3'	3'	13:57	S	4oz					X								
5 GL-ND1-3.5'	3.5'	14:10	S	4oz/vol ²	X	X											
6 GD1-3'	3'	14:15	S	4oz/1	X	X											
7 GL-D1D2-3'	3'	14:25	S	4oz/1	X	X											
8 GL-D2D4-3'	3'	14:35	S	4oz/1	X	X											
9 GD2-3'	3'	14:35	S	4oz/1	X	X											
10 GD4-3'	3'	14:40	S	↓	X	X											
11 GL-D3D4-3'	3'	14:55	S	↓	X	X											
12 GD3-3'	3'	15:00	S	↓	X	X											
13																	
14																	
15																	
16																	
17																	

Relinquished by: <u>L Chaidze</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Wadey Eley</u>	Date / Time: <u>7/30/15 15:40</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> N Temp. <input type="radio"/> °C Seals Intact? <input checked="" type="radio"/> N N/A Total Number of Containers: <u>19</u> TAT: 24HR 48HR 5-DAY	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

Analyses of Total Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	8/3/15	nd
G1-B-14'	8/3/15	nd
G2-B-13'	8/3/15	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

QA/QC for Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)
LCS	8/3/15	89%
L150723-10B MS	8/3/15	94%
L150723-10B MSD	8/3/15	96%
RPD	8/3/15	2%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%

ACCEPTABLE RPD IS 20%

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
LCS	7/30/15	113%	99%				117
D3B-14'	7/30/15	nd	nd	nd	nd	nd	118
UST-NS-8'	7/30/15	nd	nd	nd	nd	nd	119
Stock Pile 1	7/30/15	nd	nd	0.12	nd	48	107
Stock Pile 2	7/30/15	nd	nd	nd	nd	nd	114
Stock Pile 3	7/30/15	nd	nd	nd	nd	nd	107
Stock Pile 4	7/30/15	nd	nd	nd	nd	nd	85
G1B-14'	7/30/15	0.031	nd	0.067	0.40	77	98
G2B-13'	7/30/15	nd	nd	nd	nd	nd	106
G2B-13' Dup	7/30/15	nd	nd	nd	nd	nd	105
UST-NS-8' MS	7/30/15	105%	99%				107
UST-NS-8' MSD	7/30/15	106%	93%				93
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
Method Blank	8/2/15	nd	nd	nd	nd	nd	96
LCS	7/30/15	113%	99%				117
LCS	8/2/15	120%	91%				96
GL-ND1-3.5'	8/2/15	5.13	48.8	107	339	8610	int
GL-ND1-3.5' Dup	8/2/15	4.17	50.3	110	342	9360	int
GD1-3'	7/30/15	nd	nd	nd	nd	nd	98
GLD1D2-3'	7/30/15	0.11	0.11	0.14	1.03	21	96
GLD2D4-3'	7/30/15	nd	nd	nd	nd	nd	91
GD2-3'	7/30/15	nd	nd	nd	nd	nd	80
GD4-3'	7/30/15	nd	nd	nd	nd	nd	85
GL-D3D4-3'	7/30/15	0.96	0.47	2.51	5.98	124	83
GD3-3'	7/30/15	nd	nd	nd	nd	nd	68
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

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RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/30/15	105	nd	nd
Method Blank	7/31/15	100	nd	nd
D3B-14'	7/30/15	105	nd	nd
UST-NS-8'	7/30/15	106	nd	nd
Stock Pile 1	7/30/15	105	nd	nd
Stock Pile 2	7/30/15	96	nd	nd
Stock Pile 3	7/30/15	99	nd	nd
Stock Pile 4	7/30/15	int	1170	nd
G1B-14'	7/30/15	101	nd	nd
G2B-13'	7/30/15	110	nd	nd
D1L1-2'	7/30/15	118	nd	740
DD1-2'	7/30/15	int	2690	nd
DD1-2' Dup	7/30/15	int	2570	nd
DL-D2D3-2'	7/30/15	118	nd	nd
D3-L1-2'	7/30/15	108	nd	nd
DL2-D3D4-2'	7/30/15	87	nd	450
DL1-D3D4-2'	7/30/15	109	nd	nd
DL1-D4D5-2'	7/31/15	int	12700	nd
DL2-D4D5-2'	7/31/15	int	12400	nd
DL1-D5D6-2'	7/31/15	int	1470	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
Method Blank	8/2/15	95	nd	nd
DL2-D5D6-2'	7/31/15	int	5140	nd
DL2-D6D7-2'	7/31/15	int	78200	nd
DL2-D6D7-2' Dup	7/31/15	int	77700	nd
DD2-3'	7/31/15	int	11500	nd
DD3-3'	7/31/15	int	1500	nd
DD4-3'	7/31/15	int	2950	nd
DD5-3'	7/31/15	int	18000	nd
DD6-3'	7/31/15	int	12700	nd
DL-D6D11-3'	8/2/15	int	19600	nd
DD7-3'	8/2/15	int	17300	nd
DL-D7D12-3'	7/31/15	102	nd	nd
DD12-3'	7/31/15	int	2340	nd
DL-D11D12-3'	7/31/15	98	nd	nd
DD11-4'	7/31/15	116	160	nd
DL-D10D11-4'	7/31/15	93	260	nd
DL-D10D11-4' Dup	7/31/15	102	210	nd
DD-10-3'	8/2/15	89	nd	nd
DD-10-3' Dup	8/2/15	91	nd	nd
DD9-3'	7/31/15	97	nd	nd
DL-D8D9-4'	7/31/15	100	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

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Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
DD8-3'	7/31/15	101	nd	nd
DL-D4D9-2.5'	7/31/15	94	nd	nd
DL-ND9-3'	7/31/15	92	nd	nd
DL-ND12-3'	7/31/15	92	nd	nd
DL-ND12-3' Dup	7/31/15	93	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

February 12, 2016

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
Associated Environmental Group, LLC
Tumwater, Washington
Libby Project # L160209-3
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	2/10/15	nd	nd	nd	nd	nd	101
LCS	2/10/15	112%	97%				101
OW1 BC 8'	2/10/15	nd	nd	nd	nd	nd	86
OW2 SB 8'	2/10/15	nd	0.19	1.1	1.5	128	84
OW2 BCE 8'	2/10/15	nd	nd	nd	nd	nd	73
OW2 BCE 8' Dup	2/10/15	nd	nd	nd	nd	nd	105
OW2 S10' B@8'	2/10/15	nd	nd	nd	nd	nd	78
OW2 S20' B@8'	2/10/15	nd	nd	0.87	1.3	134	98
OW2 BCE 8' MS	2/10/15	105%	96%				106
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group, LLC

Tumwater, Washington

Libby Project # L160209-3

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	2/9/16	100	nd
OW1 BC 8'	2/9/16	97	nd
OW2 SB 8'	2/9/16	int	1840
OW2 BCE 8'	2/9/16	115	nd
OW2 S10' B@8'	2/9/16	120	nd
OW2 S20' B@8'	2/9/16	int	656
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 2.9.16 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE SE

Project Name: RESTORE

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE SW City, State: THUNDERBOLT

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection:

Client Project # 12-116 ^{KE}

Email: SLUMBARIDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes								Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270		PCB 8082	MTCA 5 Metals	RCRA 8 Metals
1 OW1 BC 8'	8'	0930	SOIL	2 VIALS 1 JAR	X	X	X									24H
2 OW2 SB 8'	8'	1000														24H
3 OW2 BCE 8'	8'	1030														RUSH
4 OW7 SID' B08'	8'	1200														24H
5 OW2 S20' B08'	8'	1230														RUSH
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																

Relinquished by: [Signature] Date / Time: 2.9.16 1350
 Received by: Theresa Gley Date / Time: 2/9/16 1350
 Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____
 Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt

Good Condition? Y N

Temp. _____ °C

Seals Intact? Y N N/A

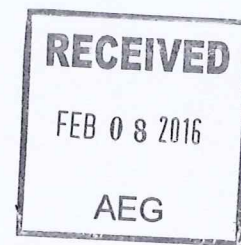
Total Number of Containers: 15

Remarks:

TAT: 24HR 48HR 5-DAY

February 3, 2016

Shawn Lombardini
Associated Environmental Group, Inc.
605 11th Ave. SE, Suite 201
Olympia, WA 98501



Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project in Tumwater, Washington. Soil & water samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Gasoline by NWTPH-Gx, BTEX by Method 8260, PAH's by Method 8270, and Pb by Method 6020 on February 1 & 2, 2016.

The results of the analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

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

Sincerely,

A handwritten signature in cursive script that reads "Michael A. Korosec".

Michael A. Korosec
President

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER TRUCK STOP
PROJECT #12-116
Olympia, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnw.com

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil
by Method NWTPH-Dx Extended**

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	02/01/16	02/01/16	85	nd	nd
LCS	02/01/16	02/01/16	95	80%	---
CA-1	02/01/16	02/01/16	80	380	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER TRUCK STOP
 PROJECT #12-116
 Olympia, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	2/2/2016	2/2/2016	nd	nd	nd	nd	nd	109
LCS	2/2/2016	2/2/2016	109%	104%	113%	102%	93%	94
LCS D	2/2/2016	2/2/2016	98%	91%	96%	92%	---	103
CA-1	1/29/2016	2/2/2016	nd	nd	nd	nd	130	109
CA-1 Duplicate	1/29/2016	2/2/2016	nd	nd	nd	nd	100	112
Reporting Limits			0.02	0.05	0.05	0.15	10	

"---" Indicates not tested for component.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER TRUCK STOP
 PROJECT #12-116
 Olympia, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Analysis of Polynuclear Aromatic Hydrocarbons in Soil by Method 8270

Analytical Results

	RL	MTH BLK	LCS	CA-1
Date extracted		02/01/16	02/01/16	02/01/16
Date analyzed		02/01/16	02/01/16	02/01/16
Moisture, %	(mg/kg)			40%
Naphthalene	0.02	nd	84%	nd
2-Methylnaphthalene	0.02	nd	87%	0.45
1-Methylnaphthalene	0.02	nd	ns	0.61
Acenaphthylene	0.02	nd	89%	nd
Acenaphthene	0.02	nd	97%	nd
Fluorene	0.02	nd	91%	nd
Phenanthrene	0.02	nd	74%	nd
Anthracene	0.02	nd	79%	nd
Fluoranthene	0.02	nd	85%	nd
Pyrene	0.02	nd	79%	nd
Benzo(a)anthracene*	0.02	nd	62%	nd
Chrysene*	0.02	nd	86%	nd
Benzo(b)fluoranthene*	0.02	nd	70%	nd
Benzo(k)fluoranthene*	0.02	nd	69%	nd
Benzo(a)pyrene*	0.02	nd	57%	nd
Indeno(1,2,3-cd)pyrene*	0.02	nd	65%	nd
Dibenzo(a,h)anthracene*	0.02	nd	70%	nd
Benzo(ghi)perylene	0.02	nd	63%	nd

Total Carcinogens nd

Surrogate recoveries:

2-Fluorobiphenyl	86%	97%	97%
p-Terphenyl-d14	76%	84%	70%

Data Qualifiers and Analytical Comments

* - Carcinogenic Analyte

nd - not detected at listed reporting limits

ns - not spiked

Results reported on dry-weight basis

Acceptable Recovery limits: 50% TO 150%

Acceptable RPD limit: 35%

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER
PROJECT #12-116
Washington

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Olympia, WA 98501
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lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Water by Method NWTPH-Gx/8260

Sample Number	Date Analyzed	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Gasoline Range Organics (ug/L)	Surrogate Recovery (%)
Method Blank	2/1/2016	nd	nd	nd	nd	nd	110
LCS	2/1/2016	112%	105%	107%	108%	116%	96
LCSD	2/1/2016	124%	107%	111%	110%	---	102
OW-1W	2/1/2016	nd	nd	nd	nd	260	107
BT 1+2W	2/1/2016	nd	nd	nd	nd	nd	113
Reporting Limits		1.0	1.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
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 PROJECT #12-116
 Washington

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 lab@esnnw.com

Total Lead in Water by EPA-6020 Method

Sample Number	Date Analyzed	Lead (Pb) (ug/L)
Method Blank	2/2/2016	nd
OW-1W	2/2/2016	nd
BT 1+2W	2/2/2016	2.1
BT 1+2W Duplicate	2/2/2016	2.2
Reporting Limits		2.0

"nd" Indicates not detected at listed detection limits.

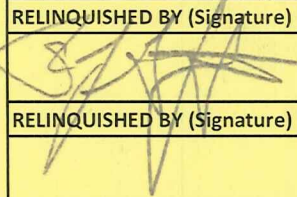

QA/QC Data - Total Metals EPA-6020

	Laboratory Control Sample			Laboratory Control Sample Duplicate			RPD (%)
	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	
Lead	20.0	19.6	98.0	20.0	19.0	95.0	3.11

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%
 ACCEPTABLE RPD IS 35%

CLIENT: NRB 48 hr DATE: 1.29.16 PAGE 1 OF 1
 ADDRESS: 605 11th AVE SE PROJECT NAME: RESTOVER
 PHONE: 360-352-9835 FAX: 1-5 GIB LOCATION: 2725 93RD AVE.
 CLIENT PROJECT #: _____ PROJECT MANAGER: SHAWN COLLECTOR: SHAWN DATE OF COLLECTION: 1.29.16

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES														NOTES	Total Number of Containers	Laboratory	Note Number																	
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM					GRO Suite	DRO Suite	WO Suite														
1. <u>CA-1</u>	<u>-</u>	<u>1000</u>	<u>CARBON</u>	<u>ZVORG</u> <u>Z JAP</u>	X	X	X				X																												
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:
	<u>1050 1.29.16</u>		<u>1050 1.29.16</u>	TOTAL NUMBER OF CONTAINERS		
				CHAIN OF CUSTODY SEALS Y/N/NA		
				SEALS INTACT? Y/N/NA		
				RECEIVED GOOD COND./COLD		Turn Around Time: 24 HR <u>48 HR</u> 5 DAY
				NOTES:		

CHAIN-OF-CUSTODY RECORD

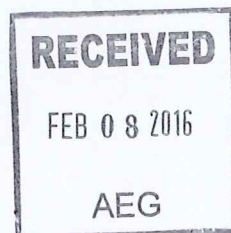
CLIENT: AE6 DATE: 2.1.16 PAGE 1 OF 1
 ADDRESS: 605 11th AVE SE. PROJECT NAME: RESTOREX
 PHONE: 360 352 9835 FAX: _____ LOCATION: 2725 93RD AVE SW
 CLIENT PROJECT #: 12-116 PROJECT MANAGER: JHANN COLLECTOR: JHANN DATE OF COLLECTION: 2.1.16

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES													NOTES	Total Number of Containers Laboratory	Note Number																	
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb				TOTAL	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite												
1. <u>AW-1 W</u>	<u>-</u>	<u>1000</u>	<u>H2O</u>	<u>2000</u>			X	X																													
2. <u>BT 1+2 W</u>	<u>-</u>	<u>1005</u>	<u>112</u>	<u>11</u>			X	X																													
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:
<u>[Signature]</u>	<u>2.1.16 1115</u>	<u>[Signature]</u>	<u>2.1.16</u>	TOTAL NUMBER OF CONTAINERS		
				CHAIN OF CUSTODY SEALS Y/N/NA		
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SEALS INTACT? Y/N/NA		
				RECEIVED GOOD COND./COLD		
				NOTES:		Turn Around Time: 24 HR 48 HR 5 DAY

February 2, 2016

Shawn Lombardini
Associated Environmental Group, Inc.
605 11th Ave. SE, Suite 201
Olympia, WA 98501



Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project in Tumwater, Washington. One soil sample was analyzed for TCLP Ba by Method 1311 on January 29, 2016.

The results of the analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

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

Sincerely,

A handwritten signature in cursive script that reads "Michael A. Korosec".

Michael A. Korosec
President

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER
PROJECT #12-116
Olympia, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

TCLP Metals in Soil by EPA-Method 1311/6020

Sample Number	Date Analyzed	Barium (Ba) (mg/L)
Method Blank	1/29/2016	nd
BA 1-3	1/29/2016	3.7
BA 4-6	1/29/2016	3.1
OW-1	1/29/2016	1.3
Method Detection Limits		0.2

QA/QC Data - TCLP Metals EPA-Method 1311/6020

Sample Number:TCLP	Date Analyzed	Barium (Ba) (mg/L)
Laboratory Control Sample Spike		1.00
Laboratory Control Sample Result	1/29/2016	1.05
Percent Recovery (%)		105
Method Detection Limits		0.2

"nd" Indicates not detected at listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%
ACCEPTABLE RPD IS 35%

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER
PROJECT #12-116
Olympia, Washington

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lab@esnnw.com

Sample Preparation Information for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

Sample Number: BA 1-3
No. of Extractions: 1
Type of Extraction: Rotary
Extraction Fluid: #1
Date Extracted: 1/28/2016

Sample Preparation Information for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

Sample Number: OW-1
No. of Extractions: 1
Type of Extraction: Rotary
Extraction Fluid: #1
Date Extracted: 1/28/2016

Sample Preparation Information for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

Sample Number: BA 4-6
No. of Extractions: 1
Type of Extraction: Rotary
Extraction Fluid: #1
Date Extracted: 1/28/2016

CHAIN-OF-CUSTODY RECORD

CLIENT: RA DATE: 1.29.16 PAGE 1 OF 1
 ADDRESS: 605 11th AVE SE PROJECT NAME: RESTOVER
 PHONE: 360-352-9835 FAX: _____ LOCATION: 2725 93rd AVE.
 CLIENT PROJECT #: _____ PROJECT MANAGER: SHAWN COLLECTOR: SHAWN DATE OF COLLECTION: 1.29

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES														NOTES	Total Number of Containers	Laboratory	Note Number																	
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM					GRO Suite	DRO Suite	WVO Suite														
1. <u>CA-1</u>	<u>-</u>	<u>1000</u>	<u>CARBON</u>	<u>2 VIALS</u> <u>2 JAR</u>	X	X	X			X																													
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:
	<u>1050 1.29.16</u>		<u>1050 1-29-16</u>	TOTAL NUMBER OF CONTAINERS		
				CHAIN OF CUSTODY SEALS Y/N/NA		
				SEALS INTACT? Y/N/NA		
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	RECEIVED GOOD COND./COLD		Turn Around Time: 24 HR <u>48 HR</u> 5 DAY
				NOTES:		

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
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lab@esnvw.com

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil
by Method NWTPH-Dx Extended**

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	02/01/16	02/01/16	85	nd	nd
LCS	02/01/16	02/01/16	95	80%	---
CA-1	02/01/16	02/01/16	80	380	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

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 lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	2/2/2016	2/2/2016	nd	nd	nd	nd	nd	109
LCS	2/2/2016	2/2/2016	109%	104%	113%	102%	93%	94
LCSD	2/2/2016	2/2/2016	98%	91%	96%	92%	---	103
CA-1	1/29/2016	2/2/2016	nd	nd	nd	nd	130	109
CA-1 Duplicate	1/29/2016	2/2/2016	nd	nd	nd	nd	100	112
Reporting Limits			0.02	0.05	0.05	0.15	10	

"---" Indicates not tested for component.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER TRUCK STOP
 PROJECT #12-116
 Olympia, Washington

ESN Northwest
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 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Analysis of Polynuclear Aromatic Hydrocarbons in Soil by Method 8270

Analytical Results

	RL	MTH BLK	LCS	CA-1
Date extracted		02/01/16	02/01/16	02/01/16
Date analyzed		02/01/16	02/01/16	02/01/16
Moisture, %	(mg/kg)			40%
Naphthalene	0.02	nd	84%	nd
2-Methylnaphthalene	0.02	nd	87%	0.45
1-Methylnaphthalene	0.02	nd	ns	0.61
Acenaphthylene	0.02	nd	89%	nd
Acenaphthene	0.02	nd	97%	nd
Fluorene	0.02	nd	91%	nd
Phenanthrene	0.02	nd	74%	nd
Anthracene	0.02	nd	79%	nd
Fluoranthene	0.02	nd	85%	nd
Pyrene	0.02	nd	79%	nd
Benzo(a)anthracene*	0.02	nd	62%	nd
Chrysene*	0.02	nd	86%	nd
Benzo(b)fluoranthene*	0.02	nd	70%	nd
Benzo(k)fluoranthene*	0.02	nd	69%	nd
Benzo(a)pyrene*	0.02	nd	57%	nd
Indeno(1,2,3-cd)pyrene*	0.02	nd	65%	nd
Dibenzo(a,h)anthracene*	0.02	nd	70%	nd
Benzo(ghi)perylene	0.02	nd	63%	nd
Total Carcinogens				nd
Surrogate recoveries:				
2-Fluorobiphenyl		86%	97%	97%
p-Terphenyl-d14		76%	84%	70%

Data Qualifiers and Analytical Comments

* - Carcinogenic Analyte

nd - not detected at listed reporting limits

ns - not spiked

Results reported on dry-weight basis

Acceptable Recovery limits: 50% TO 150%

Acceptable RPD limit: 35%

January 26, 2016

Shawn Lombardini
Associated Environmental Group, Inc.
605 11th Ave. SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project in Tumwater, Washington. Sludge samples were analyzed for 11 Metals by Method 6020 on January 22, 2016.

The results of the analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

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

Sincerely,



Michael A. Korosec
President

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER
 PROJECT #12-116
 Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnw.com

Total Metals in Soil by EPA-6020 Series

Sample Number	Date Analyzed	Lead (Pb) (mg/kg)	Cadmium (Cd) (mg/kg)	Chromium (Cr) (mg/kg)	Arsenic (As) (mg/kg)	Silver (Ag) (mg/kg)	Barium (Ba) (mg/kg)	Selenium (Se) (mg/kg)	Copper (Cu) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)	Mercury (Hg) (mg/kg)
Method Blank	1/22/2016	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BA 1-3	1/22/2016	11	nd	37	6.3	nd	2000	nd	56	46	120	nd
BA 4-6	1/22/2016	12	nd	39	6.3	nd	450	nd	59	49	160	nd
OW-1	1/22/2016	78	4.4	49	8.0	nd	440	nd	170	48	1500	nd
Reporting Limits		5.0	1.0	5.0	5.0	20	50	20	5.0	5.0	5.0	0.5

"nd" Indicates not detected at listed detection limits.

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER
 PROJECT #12-116
 Washington

ESN Northwest
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 lab@esnnw.com

QA/QC Data - Total Metals EPA-6020

Sample Number: QC Batch							
	Matrix Spike			Matrix Spike Duplicate			RPD (%)
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Lead	85.1	78.3	92.0	76.6	64.6	84.3	8.7
Cadmium	85.1	77.1	90.6	76.6	63.4	82.8	9.0
Chromium	85.1	79.2	93.1	76.6	69.0	90.1	3.3
Arsenic	85.1	72.8	85.5	76.6	60.0	78.3M	8.8
Silver	85.1	73.1	85.9	76.6	62.5	81.6	5.1
Barium	85.1	83.7	98.4	76.6	70.0	91.4	7.3
Selenium	85.1	67.6	79.4M	76.6	55.4	72.3M	9.4
Copper	85.1	74.2	87.2	76.6	61.4	80.2	8.4
Nickel	85.1	72.5	85.2	76.6	78.0	102	17.8
Zinc	85.1	67.6	79.4M	76.6	70.8	92.4	15.1
Mercury	8.51	7.68	90.2	7.66	6.3	82.6	8.8

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Lead	100	102	102
Cadmium	100	96.2	96.2
Chromium	100	99.5	99.5
Arsenic	100	90.8	90.8
Silver	100	90.1	90.1
Barium	100	102	102
Selenium	100	86.0	86.0
Copper	100	95.5	95.5
Nickel	100	97.8	97.8
Zinc	100	87.5	87.5
Mercury	10.0	9.64	96.4

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%

ACCEPTABLE RPD IS 35%

M - Matrix Spike recovery failed due to matrix interference.

CHAIN-OF-CUSTODY RECORD

CLIENT: <u>ALG</u>	DATE: <u>1.21.16</u> PAGE <u>1</u> OF <u>1</u>
ADDRESS: <u>605 11th AVE SE</u>	PROJECT NAME: <u>RESTORER</u>
PHONE: <u>360-352-9835</u> FAX: _____	LOCATION: <u>2725 93RD AVE SW</u>
CLIENT PROJECT #: <u>12-116</u> PROJECT MANAGER: <u>SHAWN</u>	COLLECTOR: <u>SHAWN</u> DATE OF COLLECTION: <u>1.21.16</u>

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES																			Total Number of Containers	Laboratory	Note Number																		
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	Cl Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	COPPER	NICKEL				ZINC																	
1. BA 1-3	-	1000	SLUDGE	402-JAR																																								
2. BA 4-6	-	1015	↓	↓																																								
3. OW-1	-	1030	↓	↓																																								
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RELINQUISHED BY (Signature) 	DATE/TIME 1.21.16 11:55	RECEIVED BY (Signature) 	DATE/TIME 11:00	SAMPLE RECEIPT	LABORATORY NOTES:
				TOTAL NUMBER OF CONTAINERS	
				CHAIN OF CUSTODY SEALS Y/N/NA	
				SEALS INTACT? Y/N/NA	
				RECEIVED GOOD COND./COLD	
				NOTES:	Turn Around Time: 24 HR 48 HR 5 DAY

CHAIN-OF-CUSTODY RECORD

CLIENT: AL DATE: 1.21.16 PAGE 1 OF 1
 ADDRESS: 605 11th AVE SE PROJECT NAME: RESTOVER
 PHONE: 360-352-9835 FAX: _____ LOCATION: 2725 93RD AVE SW
 CLIENT PROJECT #: 12-116 PROJECT MANAGER: SHAWN COLLECTOR: SHAWN DATE OF COLLECTION: 1.21.16

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSIS												NOTES	Total Number of Containers	Laboratory	Note Number																	
					TPH - VOC	TPH - Diesel & Oil	TPH - Gasoline	PFEX	VOC 2250CL	VOC 2250L	SemVolatile 2270	PAHs 2270	PCB 2270	Chlorinated Solvents 2270	Organic 2270	Mercury - PLU					LEAD 2270	MO 2270	MO Suite	COPPER	NICKEL	ZINC	TCLP Ba										
1. BA 1-3	-	1000	SLUDGE	4oz jar																X	X	X	X														
2. BA 4-6	-	1015	↓	↓																X	X	X	X														
3. OW-1	-	1030	↓	↓																X	X	X	X														
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES: <u>Push</u> <u>TCLP Ba added by Shawn 1/25/16</u> Turn Around Time: 24 HR 48 HR 5 DAY
<i>[Signature]</i>	1.21.16 11:15	<i>[Signature]</i>	1/21/16	TOTAL NUMBER OF CONTAINERS		
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	CHAIN OF CUSTODY SEALS Y/N/NA		
<i>[Signature]</i>			11:00	SEALS INTACT? Y/N/NA		
				RECEIVED GOOD COND./COLD		
				NOTES:		

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER
PROJECT #12-116
Olympia, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnw.com

TCLP Metals in Soil by EPA-Method 1311/6020

Sample Number	Date Analyzed	Barium (Ba) (mg/L)
Method Blank	1/29/2016	nd
BA 1-3	1/29/2016	3.7
BA 4-6	1/29/2016	3.1
OW-1	1/29/2016	1.3
Method Detection Limits		0.2

QA/QC Data - TCLP Metals EPA-Method 1311/6020

Sample Number:TCLP	Date Analyzed	Barium (Ba) (mg/L)
Laboratory Control Sample Spike		1.00
Laboratory Control Sample Result	1/29/2016	1.05
Percent Recovery (%)		105
Method Detection Limits		0.2

"nd" Indicates not detected at listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%
ACCEPTABLE RPD IS 35%

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER
PROJECT #12-116
Olympia, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Sample Preparation Information for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

Sample Number: BA 1-3
No. of Extractions: 1
Type of Extraction: Rotary
Extraction Fluid: #1
Date Extracted: 1/28/2016

Sample Preparation Information for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

Sample Number: BA 4-6
No. of Extractions: 1
Type of Extraction: Rotary
Extraction Fluid: #1
Date Extracted: 1/28/2016

Sample Preparation Information for Toxicity Characteristic Leaching Procedure (TCLP) by EPA Method 1311

Sample Number: OW-1
No. of Extractions: 1
Type of Extraction: Rotary
Extraction Fluid: #1
Date Extracted: 1/28/2016

CHAIN-OF-CUSTODY RECORD

CLIENT: AFG DATE: 1.21.16 PAGE 1 OF 1
 ADDRESS: 605 11th AVE SE PROJECT NAME: RESTORER
 PHONE: 360-352-9835 FAX: _____ LOCATION: 2725 93RD AVE SW
 CLIENT PROJECT #: 12-116 PROJECT MANAGER: SHAWN COLLECTOR: SHAWN DATE OF COLLECTION: 1.21.16

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES													NOTES	Total Number of Containers	Laboratory	Note Number													
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CLPesticides 8081	PCRA & Metals	MTCA 5 Metals	Pb					Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	COPPER	NICKEL	ZINC						
1. BA 1-3	-	1000	SLUDGE	402WA											X								X	X	X									
2. BA 4-6	-	1015	↓	↓											X									X	X	X								
3. OW-1	-	1030	↓	↓											X									X	X	X								
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT	LABORATORY NOTES:
<u>[Signature]</u>	<u>1.21.16 11:15</u>	<u>[Signature]</u>	<u>1/21/16</u>	TOTAL NUMBER OF CONTAINERS	<u>RUSH</u>
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	CHAIN OF CUSTODY SEALS Y/N/NA	
<u>[Signature]</u>	<u>11:00</u>	<u>[Signature]</u>		SEALS INTACT? Y/N/NA	
				RECEIVED GOOD COND./COLD	
				NOTES:	Turn Around Time: 24 HR 48 HR 5 DAY

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER
 PROJECT #12-116
 Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Total Metals in Soil by EPA-6020 Series

Sample Number	Date Analyzed	Lead (Pb) (mg/kg)	Cadmium (Cd) (mg/kg)	Chromium (Cr) (mg/kg)	Arsenic (As) (mg/kg)	Silver (Ag) (mg/kg)	Barium (Ba) (mg/kg)	Selenium (Se) (mg/kg)	Copper (Cu) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)	Mercury (Hg) (mg/kg)
Method Blank	1/22/2016	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BA 1-3	1/22/2016	11	nd	37	6.3	nd	2000	nd	56	46	120	nd
BA 4-6	1/22/2016	12	nd	39	6.3	nd	450	nd	59	49	160	nd
OW-1	1/22/2016	78	4.4	49	8.0	nd	440	nd	170	48	1500	nd
Reporting Limits		5.0	1.0	5.0	5.0	20	50	20	5.0	5.0	5.0	0.5

"nd" Indicates not detected at listed detection limits.

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER
 PROJECT #12-116
 Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

QA/QC Data - Total Metals EPA-6020

Sample Number: QC Batch							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Lead	85.1	78.3	92.0	76.6	64.6	84.3	8.7
Cadmium	85.1	77.1	90.6	76.6	63.4	82.8	9.0
Chromium	85.1	79.2	93.1	76.6	69.0	90.1	3.3
Arsenic	85.1	72.8	85.5	76.6	60.0	78.3M	8.8
Silver	85.1	73.1	85.9	76.6	62.5	81.6	5.1
Barium	85.1	83.7	98.4	76.6	70.0	91.4	7.3
Selenium	85.1	67.6	79.4M	76.6	55.4	72.3M	9.4
Copper	85.1	74.2	87.2	76.6	61.4	80.2	8.4
Nickel	85.1	72.5	85.2	76.6	78.0	102	17.8
Zinc	85.1	67.6	79.4M	76.6	70.8	92.4	15.1
Mercury	8.51	7.68	90.2	7.66	6.3	82.6	8.8

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Lead	100	102	102
Cadmium	100	96.2	96.2
Chromium	100	99.5	99.5
Arsenic	100	90.8	90.8
Silver	100	90.1	90.1
Barium	100	102	102
Selenium	100	86.0	86.0
Copper	100	95.5	95.5
Nickel	100	97.8	97.8
Zinc	100	87.5	87.5
Mercury	10.0	9.64	96.4

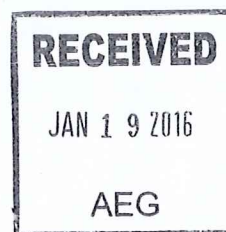
ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%

ACCEPTABLE RPD IS 35%

M - Matrix Spike recovery failed due to matrix interference.

January 13, 2016

Shawn Lombardini
Associated Environmental Group, Inc.
605 11th Ave. SE, Suite 201
Olympia, WA 98501



Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Truck Stop Project in Olympia, Washington. Probe services were conducted on December 29, 2015. Soil samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Gasoline by NWTPH-Gx, and BTEX by Method 8260 on December 31, 2015 - January 4, 2016.

The results of the analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

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

Sincerely,

A handwritten signature in cursive script that reads "Michael A. Korosec".

Michael A. Korosec
President

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER TRUCK STOP
PROJECT #12-116
Olympia, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx Extended

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	12/31/2015	12/31/2015	109	nd	nd
LCS	12/31/2015	12/31/2015	93	78%	---
MW1-15	12/31/2015	12/31/2015	117	nd	nd
MW1-19	12/31/2015	12/31/2015	91	nd	nd
MW2-20	12/31/2015	12/31/2015	104	nd	nd
MW2-20 Duplicate	12/31/2015	12/31/2015	103	nd	nd
MW2-25	12/31/2015	12/31/2015	94	nd	nd
MW3-15	12/31/2015	12/31/2015	94	nd	nd
MW3-20	12/31/2015	12/31/2015	119	nd	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER TRUCK STOP
 PROJECT #12-116
 Olympia, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnsw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	1/4/2016	1/4/2016	nd	nd	nd	nd	nd	105
LCS	1/4/2016	1/4/2016	111%	91%	89%	92%	105%	105
LCSD	1/4/2016	1/4/2016	104%	90%	95%	96%	---	102
MW1-15	12/29/2015	1/4/2016	nd	0.075	nd	nd	nd	108
MW1-19	12/29/2015	1/4/2016	nd	nd	nd	nd	nd	105
MW1-19 Duplicate	12/29/2015	1/4/2016	nd	nd	nd	nd	nd	104
MW2-20	12/29/2015	1/4/2016	nd	nd	nd	nd	nd	107
MW2-25	12/29/2015	1/4/2016	nd	nd	nd	nd	8800	108
MW3-15	12/29/2015	1/5/2016	nd	nd	nd	nd	nd	109
MW3-20	12/29/2015	1/5/2016	nd	nd	nd	nd	nd	108
Reporting Limits			0.02	0.05	0.05	0.15	10	

"---" Indicates not tested for component.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

CHAIN-OF-CUSTODY RECORD

CLIENT: AEG DATE: 12/29/15 PAGE 1 OF 1
 ADDRESS: 605 11th Ave SE, Suite 201, Olympia, WA PROJECT NAME: Restover Truck Stop
 PHONE: 360 352 9835 FAX: 360 352 8164 LOCATION: 2725 93rd Ave SW, Olympia, WA
 CLIENT PROJECT #: 12-116 PROJECT MANAGER: Shawn Lombardi COLLECTOR: Nicolas Rishckor DATE OF COLLECTION: 12/29/15

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES														NOTES	Total Number of Containers	Laboratory Note Number							
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM				GRO Suite	DRO Suite	WO Suite				
1. MW1-10	10	820	Soil	VOL/IN	X	X	X																hold					
2. MW1-15	15	834	}																									
3. MW1-19	19	839																										
4. MW1-25	25	845																								hold		
5. MW2-0	10	1021																								hold		
6. MW2-15	15	673																								hold		
7. MW2-20	20	676																										
8. MW2-25	25	108																										
9. MW3-10	10	1258																									hold	
10. MW3-15	15	1258																										
11. MW3-20	20	305																										
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15.																												
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:
<i>MW BHL</i>	12/29/15 1530	<i>[Signature]</i>	12/29/15 1530	TOTAL NUMBER OF CONTAINERS		
				CHAIN OF CUSTODY SEALS Y/N/NA		
				SEALS INTACT? Y/N/NA		
				RECEIVED GOOD COND./COLD		Turn Around Time: 24 HR 48 HR 5 DAY
				NOTES:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

January 19, 2016

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L160118-1
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	1/19/16	nd	nd	nd	nd	nd	97
LCS	1/19/16	114%	83%				90
DD1	1/19/16	nd	nd	nd	nd	nd	104
DD1 Dup	1/19/16	nd	nd	nd	nd	nd	102
DD1 MS	1/19/16	111%	95%				111
DD1 MSD	1/19/16	112%	93%				108
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L160118-1

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	1/19/16	100	nd
DD1	1/19/16	101	nd
DD1 Dup	1/19/16	104	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 1.18.16 Page: 1 of 1

Client: AEL

Project Manager: SHAWN

Address: 605 11th AVE SE.

Project Name: RESTORE

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD City, State:

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection: 1.18.16

Client Project # 12716

Email: SLOMBARDINI@AELWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 <u>DDI</u>	<u>—</u>	<u>1200</u>	<u>H2O</u>	<u>3 VOA 1/2 L AMBER</u>	<u>X</u>	<u>X</u>	<u>X</u>												
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Relinquished by: [Signature] Date / Time: 1.18.16 1308
 Received by: [Signature] Date / Time: 1-18-16 1309

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt		Remarks:
Good Condition?	<u>Y</u> N	
Temp.	<u>1.9</u> °C	
Seals Intact?	<u>Y</u> N N/A	
Total Number of Containers	<u>4</u>	TAT: 24HR 48HR <u>5-DAY</u>

* of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

January 12, 2016

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L160106-2

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	1/7/16	nd	nd	nd	nd	nd	88
LCS	1/7/16	88%	89%				87
FT-1 W	1/7/16	nd	nd	nd	nd	nd	76
FT-1 W Dup	1/7/16	nd	nd	nd	nd	nd	74
FT-1 W MS	1/7/16	84%	76%				75
FT-1 W MSD	1/7/16	82%	74%				72
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L160106-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	1/7/16	100	nd
FT-1 W	1/7/16	99	nd
FT-1 W Dup	1/7/16	99	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

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

Date: 1.6.16 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE SE.

Project Name: RESTOVER

City: OLYMPIA State: WA Zip:

Location: City, State:

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection: 1.6.15

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 FT-1 W	-	1600	H2O	3 VOA 1 AMBDC	X	X		X								
2																
3																
4																
5																
6																
7																
8																
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16																
17																

Relinquished by: <u>[Signature]</u>	Date / Time: <u>1.6.16 1620</u>	Received by: <u>[Signature]</u>	Date / Time: <u>1-6-16 1622</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.





Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

January 12, 2016

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L160105-3

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	1/6/16	nd	nd	nd	nd	nd	97
LCS	1/6/16	123%	84%				104
EX1'NWW	1/6/16	nd	nd	nd	nd	nd	105
EX4'NWW	1/6/16	nd	nd	nd	nd	nd	106
EX8'NWW	1/6/16	nd	nd	nd	nd	nd	86
EX1'SW	1/6/16	nd	nd	nd	nd	nd	111
EX4'SW	1/6/16	nd	nd	nd	nd	nd	93
EX8'SW	1/6/16	nd	nd	nd	nd	nd	97
EX1'EW	1/6/16	nd	nd	nd	nd	nd	88
EX1'EW Dup	1/6/16	nd	nd	nd	nd	nd	96
EX4'EW	1/6/16	nd	nd	nd	nd	nd	102
EX8'EW	1/6/16	nd	nd	nd	nd	nd	96
MW-1	1/6/16	nd	nd	nd	nd	nd	98
MW-3	1/6/16	nd	nd	nd	nd	nd	107
MW-3 Dup	1/6/16	nd	nd	nd	nd	nd	97
MW-2	1/6/16	nd	nd	nd	nd	nd	96
MW-1 MS	1/6/16	123%	78%				101
MW-1 MSD	1/6/16	118%	78%				105
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L160105-3
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (µg/l)	Oil (µg/l)
Method Blank	1/6/16	100	nd	nd
Method Blank	1/6/16	100	nd	nd
EX1'NWW	1/6/16	104	nd	nd
EX4'NWW	1/6/16	96	nd	nd
EX8'NWW	1/6/16	95	nd	nd
EX1'SW	1/6/16	95	nd	nd
EX4'SW	1/6/16	104	nd	nd
EX8'SW	1/6/16	103	nd	nd
EX1'EW	1/6/16	104	nd	nd
EX4'EW	1/6/16	109	nd	nd
EX8'EW	1/6/16	105	nd	nd
MW-1	1/6/16	101	nd	nd
MW-3	1/6/16	102	nd	nd
MW-2	1/6/16	100	nd	nd
MW-2 Dup	1/6/16	106	nd	nd
Practical Quantitation Limit			200	400

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.


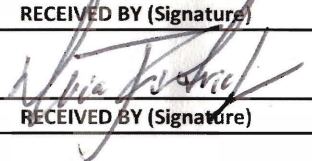
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Maria Friedrich

CHAIN-OF-CUSTODY RECORD

CLIENT: AEL DATE: 1/5/16 PAGE 1 OF 1
 ADDRESS: 605 11th Ave SE, Suite 201, Olympia, WA PROJECT NAME: Restover
 PHONE: 360 352 9835 FAX: 360 352 8164 LOCATION: 2725 93rd Ave SW, Olympia, WA
 CLIENT PROJECT #: 12-116 PROJECT MANAGER: Shawn Lombardini COLLECTOR: Shawn Lombardini DATE OF COLLECTION: 1/5/16

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES													NOTES	Total Number of Containers	Laboratory	Note Number																
					TPH - HClD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	Cl. Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb					Asbestos - PLM	GRO Suite	DRO Suite	WO Suite												
1. EX1'NW W	1'	1100	H ₂ O	VOL Amber	X	X	X																														
2. EX4'NW W	4'	1120																																			
3. EX8'NW W	8'	1130																																			
4. EX1'S W	1'	1215																																			
5. EX4'S W	4'	1230																																			
6. EX8'S W	8'	1240																																			
7. EX1'EW	1	1300																																			
8. EX4'EW	4	1320																																			
9. EX8'EW	8	1340																																			
10. MW-1	-	1003																																			
11. MW-3	-	1126																																			
12. MW-2	-	1235																																			
13.																																					
14.																																					
15.																																					
16.																																					
17.																																					
18.																																					

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:
	1.5.16		1/5/16	TOTAL NUMBER OF CONTAINERS		
				CHAIN OF CUSTODY SEALS Y/N/NA		
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SEALS INTACT? Y/N/NA		
				RECEIVED GOOD COND./COLD		
				NOTES:		Turn Around Time: 24 HR 48 HR 5 DAY

CHAIN-OF-CUSTODY RECORD

CLIENT: AEA DATE: 12/29/15 PAGE 1 OF 1
 ADDRESS: 605 11th Ave SE, Suite 201, Olympia, WA PROJECT NAME: Restover Truck Stop
 PHONE: 360 352 9835 FAX: 360 352 8164 LOCATION: 2725 93rd Ave SW, Olympia, WA
 CLIENT PROJECT #: 12-116 PROJECT MANAGER: Shawn Lombardi COLLECTOR: Nicolas Pushckor DATE OF COLLECTION: 12/29/15

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES													NOTES	Total Number of Containers	Laboratory Note Number				
					TPH - HCLD	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVOC 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb				Asbestos - PLM	GRO Suite	DRO Suite	WO Suite
1. MW1-10	10	820	Soil	VOL Jar	X	X	X															hold		
2. MW1-15	15	834																						
3. MW1-19	19	839																						
4. MW1-25	25	845																					hold	
5. MW2-10	10	1021																					hold	
6. MW2-15	15	1023																					hold	
7. MW2-20	20	1026																						
8. MW2-25	25	1033																						
9. MW3-10	10	1256																					hold	
10. MW3-15	15	1255																						
11. MW3-20	20	1305																						
12.																								
13.																								
14.																								
15.																								
16.																								
17.																								
18.																								

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:
<i>[Signature]</i>	12/29/15 1530	<i>[Signature]</i>	12/29/15 1250	TOTAL NUMBER OF CONTAINERS		
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	CHAIN OF CUSTODY SEALS Y/N/NA		
				SEALS INTACT? Y/N/NA		
				RECEIVED GOOD COND./COLD		
				NOTES:		Turn Around Time: 24 HR 48 HR 5 DAY

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
 PROJECT RESTOVER TRUCK STOP
 PROJECT #12-116
 Olympia, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	1/4/2016	1/4/2016	nd	nd	nd	nd	nd	105
LCS	1/4/2016	1/4/2016	111%	91%	89%	92%	105%	105
LCSD	1/4/2016	1/4/2016	104%	90%	95%	96%	---	102
MW1-15	12/29/2015	1/4/2016	nd	0.075	nd	nd	nd	108
MW1-19	12/29/2015	1/4/2016	nd	nd	nd	nd	nd	105
MW1-19 Duplicate	12/29/2015	1/4/2016	nd	nd	nd	nd	nd	104
MW2-20	12/29/2015	1/4/2016	nd	nd	nd	nd	nd	107
MW2-25	12/29/2015	1/4/2016	nd	nd	nd	nd	8800	108
MW3-15	12/29/2015	1/5/2016	nd	nd	nd	nd	nd	109
MW3-20	12/29/2015	1/5/2016	nd	nd	nd	nd	nd	108
Reporting Limits			0.02	0.05	0.05	0.15	10	

"---" Indicates not tested for component.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ESN NORTHWEST CHEMISTRY LABORATORY

Associated Environmental Group
PROJECT RESTOVER TRUCK STOP
PROJECT #12-116
Olympia, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnw.com

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil
by Method NWTPH-Dx Extended**

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	12/31/2015	12/31/2015	109	nd	nd
LCS	12/31/2015	12/31/2015	93	78%	---
MW1-15	12/31/2015	12/31/2015	117	nd	nd
MW1-19	12/31/2015	12/31/2015	91	nd	nd
MW2-20	12/31/2015	12/31/2015	104	nd	nd
MW2-20 Duplicate	12/31/2015	12/31/2015	103	nd	nd
MW2-25	12/31/2015	12/31/2015	94	nd	nd
MW3-15	12/31/2015	12/31/2015	94	nd	nd
MW3-20	12/31/2015	12/31/2015	119	nd	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 16, 2015

Shawn Lombardini
 Associated Environmental Group, LLC
 605 11th Avenue SE, Suite 201
 Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

Sample: TB-6						
Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ unless otherwise noted	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha) NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils). a: No surface water standard, value is laboratory quantitation level. *: Or equivalent						

Sincerely,

Sherry L. Chilcutt
 Senior Chemist
 Libby Environmental, Inc.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 16, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151214-2

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	12/14/15	nd	nd	nd	nd	nd	103
LCS	12/14/15	98%	110%				106
PRT-1 TB-7	12/14/15	nd	nd	nd	nd	nd	105
PRT-2 TB-7	12/14/15	nd	nd	nd	nd	nd	93
PRT-2 TB-7 Dup	12/14/15	nd	nd	nd	nd	nd	104
TB-6	12/14/15	nd	nd	nd	nd	nd	77
PRT-2 TB-7 MS	12/14/15	105%	94%				114
PRT-2 TB-7 MSD	12/14/15	102%	106%				107
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151214-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/14/15	97	nd
PRT-1 TB-7	12/14/15	104	nd
PRT-2 TB-7	12/14/15	100	nd
TB-6	12/14/15	93	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 12.14.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE E.

Project Name: RESTORER

City: OLYMPIA State: WA Zip:

Location: TUMWATER City, State: WA

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection: 12.14

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID 8260	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals	
1		1000	H ₂ O	1 AMS 3 VOA	X	X	X											* 5 DAY TAT
2		1230	↓		↓	↓	↓											* 5 DAY TAT
3		1030	↓		↓	↓	↓											* RUSH *
4																		12-14-15 sample name change per Shawn
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 12.14.15 1330
 Received by: Thodex Gray Date / Time: 12-14-15 1330

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	<u>-0.3 °C</u>
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>12</u>

Remarks:
 TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 9, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151208-8

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	12/2/15	nd	nd	nd	nd	nd	88
LCS	12/2/15	90%	87%				89
PRT-6	12/2/15	nd	nd	nd	nd	126	92
L151202-3 MS	12/2/15	88%	71%				74
L151202-3 MSD	12/2/15	93%	76%				74
		76					
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151208-8

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/9/15	100	nd
PRT-6	12/9/15	100	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

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

Date: 12.8.15 Page: 1 of 1

Client: NEC

Project Manager: SHAWN

Address: 605 11th AVE SE

Project Name: RESTORE

City: OLY. State: WA Zip: 98105

Location: 2725 93 RD SW City, State: WA

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 12.8.15

Client Project # 12-116

Email: SLOMBARDINI@NECWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 <u>PRT-6</u>	<u>-</u>	<u>1400</u>	<u>H₂O</u>	<u>3 VOA 1 AMBER</u>	<u>X</u>	<u>X</u>	<u>X</u>												
2																			
3																			
4																			
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17																			

Relinquished by: <u>[Signature]</u>	Date / Time: <u>12.8.15 1500</u>	Received by: <u>[Signature]</u>	Date / Time: <u>12-8-15/1561</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers	Remarks: TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 4, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Tumwater, Washington
Libby Project # L151202-4
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	12/2/15	nd	nd	nd	nd	nd	87
LCS	12/2/15	97%	87%				87
TB-5	12/2/15	nd	nd	nd	nd	nd	87
L151202-3 MS	12/2/15	89%	67%				78
L151202-3 MSD	12/2/15	86%	66%				73
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151202-4

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/3/15	100	nd
TB-5	12/3/15	95	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 12/2/15 Page: 1 of 1

Client: AEG

Project Manager: Shawn Lombardini

Address: 605 11th Ave SE, Suite 201

Project Name: Restover

City: Olympia State: WA Zip: 98501

Location: 2725 93rd Ave SW City, State: Olympia, WA

Phone: 360 352 9835 Fax: 360 352 8164

Collector: Nicolas Pushckor Date of Collection: 12/2/15

Client Project # 12-116

Email: npushckor@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOA 802-1B	VOA 802-1B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals					
1	TB-5	-	1605 water	VOA/Amber	X					X	X								
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: <u>MW PMW</u>	Date / Time: <u>12/2/15 1635</u>	Received by: <u>Maia Friedrich</u>	Date / Time: <u>12/2/15 435</u>	Sample Receipt: Good Condition? Cold? Seals Intact? Total Number of Containers	Remarks: <u>Ecology</u> <u>EIM Format</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

in the event of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

December 4, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151202-3

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	12/2/15	nd	nd	nd	nd	nd	87
LCS	12/2/15	97%	87%				87
PLTB-5	12/2/15	nd	nd	nd	nd	nd	86
L151202-3 MS	12/2/15	89%	67%				78
L151202-3 MSD	12/2/15	86%	66%				73
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151202-3

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	12/3/15	100	nd
PLTB-5	12/3/15	95	nd
PLTB-5 Dup	12/3/15	100	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 12/2/15 Page: 1 of 1

Client: AEU

Project Manager: Shawn Lombardini

Address: 605 11th Ave SE, Suite 201, Olympia, WA

Project Name: Restover

Phone: 360 352 9835 Fax: 360 352 8164

Location: 2725 93rd Ave SW City: Olympia, WA

Client Project # 12-116

Collector: Nicolas Pushkor Date of Collection: 12/2/15



Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8280	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals	Field Notes
1	<u>—</u>	<u>1400</u>	<u>water</u>	<u>VOA/Amber</u>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
2															
3															
4															
5															
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7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															

Relinquished by: <u>MH BWH</u>	Date / Time: <u>12/2/15 1635</u>	Received by: <u>Maria Frick</u>	Date / Time: <u>12/2/15 435</u>	Sample Receipt: Good Condition? <input type="checkbox"/> Cold? <input type="checkbox"/> Seals Intact? <input type="checkbox"/> Total Number of Containers: <input type="text"/>	Remarks: <u>TAT: 5-day</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 25, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Tumwater, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151119-2

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	11/24/15	nd	nd	nd	nd	nd	68
LCS	11/24/15	65%	96%				75
PRT1	11/24/15	nd	nd	nd	2.7	1370	76
TB4F	11/24/15	nd	nd	nd	nd	nd	92
PRT2	11/24/15	nd	nd	nd	1.7	1070	92
L151120-3 MS	11/24/15	97%	101%				101
L151120-3 MSD	11/24/15	92%	91%				96
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151119-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/20/15	100	nd
PRT1	11/20/15	111	nd
TB4F	11/20/15	107	nd
PRT2	11/20/15	115	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 11.19.15

Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: RESTOVER

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE. City, State: TUMWATER.

Phone: 360-352-9835 Fax:

Collector: SHAWN Date of Collection: 11-19-15

Client Project #

Email: SLOMBARDINI



Sample Number	Depth	Time	Sample Type	Container Type	ANALYSIS METHODS											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1 PRT 1	-	1000	H ₂ O	6 AMBER 3 VOA	X	X	X																	
2 TB4F	-	1020	"	"	↓	↓	↓																	
3 PRT 2	-	1300	"	"																				
4																								
5																								
6																								
7																								
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Relinquished by:	Date / Time: 1350 11/19/15	Received by:	Date / Time: 11/19/15 1350
Relinquished by:	Date / Time:	Received by:	Date / Time:
Relinquished by:	Date / Time:	Received by:	Date / Time:

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	3.2 °C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	12

Remarks:

TAT: 24HR / 48HR / 5-DAY

of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 20, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151118-5

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/18/15	nd	nd	nd	nd	nd	94
Method Blank	11/19/15	nd	nd	nd	nd	nd	
LCS	11/18/15	110%	99%				104
D5 BC @ 20'	11/18/15	nd	nd	nd	nd	nd	109
D10 BC @ 20'	11/18/15	nd	nd	nd	nd	nd	98
5' E D3 BC @ 20'	11/18/15	0.26	0.24	0.52	16	42	74
5' E D9 BC @ 20'	11/18/15	0.11	0.11	0.23	0.30	17	82
3 SE 5' D2 @ 7'	11/18/15	nd	nd	nd	nd	nd	91
3 D1 BCN @ 20'	11/19/15	0.070	0.130	nd	0.24	14	135
3 D1 BCN @ 20' Dup	11/19/15	0.067	0.120	nd	0.36	16	111
S 10' ST SW @ 18'	11/18/15	nd	nd	nd	nd	nd	98
S 10' ST SW @ 18' Dup	11/18/15	nd	nd	nd	nd	nd	98
D5 BC @ 20' MS	11/18/15	104%	123%				95
D5 BC @ 20' MSD	11/18/15	91%	108%				76
3 D1 BCN @ 20' MS	11/19/15	90%	104%				75
3 D1 BCN @ 20' MSD	11/19/15	86%	99%				76
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Tumwater, Washington
Libby Project # L151118-5
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/18/15	100	nd
D5 BC @ 20'	11/18/15	101	nd
D10 BC @ 20'	11/18/15	94	nd
5' E D3 BC @ 20'	11/18/15	101	nd
5' E D9 BC @ 20'	11/18/15	107	nd
3 SE 15' D2 @ 7'	11/18/15	92	nd
3 D1 BCN @ 20'	11/18/15	109	nd
S 10' ST SW @ 18'	11/18/15	98	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich & Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151118-5

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	11/18/15	nd	nd	nd	nd	nd	73
LCS	11/18/15	120%	98%				82
TB4	11/18/15	nd	nd	nd	nd	nd	94
L151117-6 MS	11/18/15	94%	72%				90
L151117-6 MSD	11/18/15	106%	78%				79
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Tumwater, Washington

Libby Project # L151118-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/19/15	100	nd
TB4	11/19/15	103	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich & Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.18.15 Page: 1 of 1

Client: ARB

Project Manager: JHAWN

Address: 605 11th AVE SE

Project Name: RESOLVE

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE E City, State: TUMWATER WA

Phone: 360 352 9835 Fax:

Collector: JHAWN Date of Collection: 11.18

Client Project # 12-116

Email: SLOMBARDINI@ARBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals		
1 DS BC @ 20'	20'	0900	Soil	2 VOA 1 Jar	X	X		X										RUSH
2 D10 BC @ 20'	20'	0930																RUSH
3 5' E D3 BC @ 20'	20'	1000																RUSH
4 5' E D9 BC @ 20'	20'	1030																RUSH
5 3 SE 15 D2 @ 7'	7'	1100																RUSH
6 3 DI BC @ 20'	20'	1130																RUSH
7 S 10' STSW @ 18'	18'	1200																RUSH
8 TB 4	-	1230	H ₂ O	1 AMBER 3 VOA														48hr 24hr TAT
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 11.18.15 1300
 Received by: [Signature] Date / Time: 11-18-15 130

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt		Remarks:
Good Condition?	Y N	
Temp.	°C	
Seals Intact?	Y N N/A	
Total Number of Containers		TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 16, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151113-4
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	96
LCS	11/11/15	94%	92%				97
2 D1 W @ 7'	11/11/15	nd	nd	nd	nd	nd	96
2 D1 SW @ 7'	11/11/15	nd	nd	nd	nd	nd	97
2 S10' D1 @ 7'	11/11/15	nd	nd	nd	nd	nd	97
2 SW10' D2 @ 7'	11/11/15	nd	nd	nd	nd	nd	96
2 SE10' D2 @ 7'	11/11/15	nd	nd	nd	nd	nd	100
2 S10' D1 @ 7' Dup	11/11/15	nd	nd	nd	nd	nd	95
2 D1 W @ 7' MS	11/11/15	99%	98%				96
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151113-4
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/16/15	100	nd
2 D1 W @7'	11/16/15	107	nd
2 D1 SW @ 7'	11/16/15	97	nd
2 S10' D1 @ 7'	11/16/15	102	nd
2 SW10' D2 @ 7'	11/16/15	99	nd
2 SE10' D2 @ 7'	11/16/15	int	6570
2 SE10' D2 @ 7' Dup	11/16/15	int	7280
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 11.13.11

Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE

Project Name: RESTORER

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD AVE City, State: TUMWAC

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 11-13-15

Client Project # 12-116

Email: SHAWN.SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-DX	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 2 DI W @ 7'	7'	120630	SOIL	2 JONS 1 JAR	X	X		X										
2 2 DISW @ 7'	↓	121030	↓	↓	↓	↓		↓										
3 2 SIO' DI @ 7'	↓	120000	↓	↓	↓	↓		↓										
4 2 SWID'DZ @ 7'	↓	123610	↓	↓	↓	↓		↓										
5 2 SE 10' DZ @ 7'	↓	1240	↓	↓	↓	↓		↓										
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: *[Signature]* Date / Time: 11.13.15 1430
 Received by: *[Signature]* Date / Time: 11/13/15 230

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt		
Good Condition?	Y	N
Temp.	°C	
Seals Intact?	Y	N N/A
Total Number of Containers	15	

Remarks:

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 13, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151111-3
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	110
LCS	11/11/15	108%	87%				111
2D1BN @ 18'	11/11/15	nd	nd	nd	nd	nd	114
2D1BSW @ 18'	11/11/15	nd	nd	nd	nd	nd	108
DFDBC @ 18.5'	11/11/15	nd	nd	nd	nd	nd	109
2BCBE @ 18.5'	11/11/15	nd	nd	nd	nd	nd	108
DFDBC @ 23'	11/11/15	nd	nd	nd	nd	nd	99
S2CBCTCT @ 20'	11/11/15	nd	nd	nd	nd	nd	104
S2CCTW @ 20'	11/11/15	nd	nd	nd	nd	nd	109
S2CCTW @ 20' Dup	11/11/15	nd	nd	nd	nd	nd	85
S2CCTW @ 20' MS	11/11/15	110%	86%				102
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151111-3

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/12/15	107	nd
2D1BN @ 18'	11/12/15	105	nd
2D1BSW @ 18'	11/12/15	112	nd
DFDBC @ 18.5'	11/12/15	102	nd
2BCBE @ 18.5'	11/12/15	109	nd
DFDBC @ 23'	11/12/15	107	nd
S2CBCTCT @ 20'	11/12/15	109	nd
S2CCTW @ 20'	11/12/15	108	nd
S2CCTW @ 20' Dup	11/12/15	103	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: **5 11.11.15** Page: **1** of **1**

Client: **AEI, LLC**

Project Manager: **Shawn Lombardini**

Address: **605 11th Ave**

Project Name: **RESOVER**

City: **OLYMPIA** State: **WA** Zip: **98501**

Location: **2725 93RD** City, State: **TAMMETER! Olympia**

Phone: **360-352-9835** Fax:

Collector: **SHAWN** Date of Collection: **11.11.15**

Client Project # **12-116**

Email: **SLOMBARDINI@AEIWA.COM**



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH-Dx/Dx	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 2DIBN@18'	18'	1000	SOIL	2 LON 1 JXR	X	X	X												
2 2DIBSW@18'	18'	1030	↓	↓	↓	↓	↓												
3 DFDBC@18.5'	18.5'	1100	↓	↓	↓	↓													
4 2BCBE@18.5'	18.5'	1130	↓	↓	↓	↓													
5 DFDBC@23'	23'	1330	↓	↓	↓	↓													
6 S2CBCT@20'	20'	1400	↓	↓	↓	↓													
7 S2CCTW@20'	20'	1500	↓	↓	↓	↓													
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time: 1620 11.11.15	Received by:	Date / Time: 11-11-15 415	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers	Remarks: TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 13, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/10/15	nd	nd	nd	nd	nd	114
LCS	11/10/15	104%	90%				104
BCBEC @ 23'	11/10/15	nd	nd	nd	nd	nd	117
BCBEC @ 23' Dup	11/10/15	nd	nd	nd	nd	nd	112
S2CBCNW @ 20'	11/10/15	nd	nd	nd	nd	nd	108
S2CBCNE @ 20'	11/10/15	nd	nd	nd	nd	nd	126
S2CBCTE @ 20'	11/10/15	nd	nd	nd	nd	nd	119
BCBEC @ 23' MS	11/10/15	103%	92%				109
BCBEC @ 23' MSD	11/10/15	103%	87%				113
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151110-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/10/15	111	nd
BCBEC @ 23'	11/10/15	112	nd
BCBEC @ 23' Dup	11/10/15	107	nd
S2CBCNW @ 20'	11/10/15	109	nd
S2CBCNE @ 20'	11/10/15	111	nd
S2CBCTE @ 20'	11/10/15	101	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	110
LCS	11/11/15	108%	87%				111
TB-3	11/11/15	nd	nd	nd	nd	nd	108
TB-3 Dup	11/11/15	nd	nd	nd	nd	nd	94
TB-3 MS	11/11/15	105%	89%				106
TB-3 MSD	11/11/15	109%	91%				90
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/11/15	103	nd
TB-3	11/11/15	96	nd
TB-3 Dup	11/11/15	108	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 11/10/15

Page: 1 of 1

Client: AEG

Project Manager: Shawn

Address: 605 11th Ave E.

Project Name: Restover

City: OLYMPIA State: WA Zip: 98505

Location: 2725 93RD AVE City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Shawn Date of Collection: 11/10/15

Client Project # 12-116

Email: SLOMBARDONE@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 BCBEC @ 23'	23'	930	SOIL	2 VOA 1 JAR	X	X		X										
2 SZCBINW @ 20'	20'	1220	↓		↓	↓		↓										
3 SZCBCNEC @ 20'	20'	1320	↓		↓	↓		↓										
4 TB-3	-	1440	H2O	1 AMBOL 3 VOA'S	↓	↓		↓										*24 TAT
5 SZCBCTE @ 20'	20'	1520	SOIL	2 VOA 1 JAR	↓	↓		↓										
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: Date / Time: 11/10/15 1552

Received by: Date / Time: 11/10/15 1552

Sample Receipt	
Good Condition?	(Y) N
Temp.	°C
Seals Intact?	(Y) N N/A
Total Number of Containers	16

Remarks: ML
TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 12, 2015

Shawn Lombardini
 Associated Environmental Group, LLC
 605 11th Avenue SE, Suite 201
 Olympia, WA 98501

Dear Mr. Lombardini:

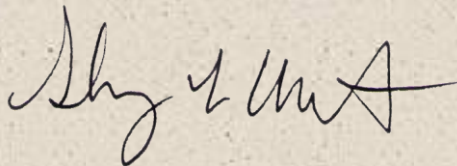
Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

Sample: TB-1						
Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ unless otherwise noted	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha) NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils). a: No surface water standard, value is laboratory quantitation level. * : Or equivalent						

Sample: TB-2						
Pollutant & CAS No. <i>(if available)</i>	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ <i>unless otherwise noted</i>	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
<p>NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha)</p> <p>NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).</p> <p>a: No surface water standard, value is laboratory quantitation level.</p> <p>* : Or equivalent</p>						

Sample: TB-3						
Pollutant & CAS No. <i>(if available)</i>	Sampling Frequency	Sample Type	Indicator Level, $\mu\text{g/L}$ <i>unless otherwise noted</i>	Required Analytical Protocol	Detection Level (DL)	Quantitation Level (QL)
Petroleum Hydrocarbons						
Gasoline-range Hydrocarbons (NWTPH-Gx)	Weekly	Grab	< 100	NWTPH-Gx	77.8	100
Diesel-range Hydrocarbons (NWTPH-Dx)	Weekly	Grab	< 200	NWTPH-Dx	202.3	200
Parameter	Sampling Frequency	Benchmark	Analytical Method	Detection Level	Quantitation Level	
Turbidity	Weekly	25 NTU	SM2130*	NA	NA	
pH	Weekly	6.5-8.5 SU	pH Meter	NA	NA	
<p>NWTPH-Gx: Northwest Total Petroleum Hydrocarbons Gasoline Extended Range (includes aviation and automotive gasolines, mineral spirits, Stoddard solvent and naphtha)</p> <p>NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).</p> <p>a: No surface water standard, value is laboratory quantitation level.</p> <p>* : Or equivalent</p>						

Sincerely,



Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

Chain of Custody Record

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

Date: 11/10/15 Page: 1 of 1

Client: **AEG**

Project Manager: **Shawn**

Address: **605 11th Ave E.**

Project Name: **Restover**

City: **OLYMPIA** State: **WA** Zip: **98505**

Location: **2725 93RD AVE** City, State: **Olympia, Wa**

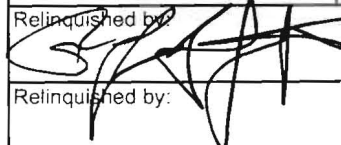
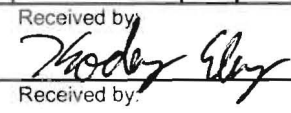
Phone: **360 352 9835** Fax:

Collector: **Shawn** Date of Collection: **11/10/15**

Client Project # **12-116**

Email: **SLOMBARDONE@AEGWA.COM**

Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes					
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HC/D	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals				
1 BCBEC@23'	23'	930	SOIL	2 VOA 1 JAR	X	X		X												
2 SZCRINW@20'	20'	1220	↓	↓	↓	↓		↓												
3 SZCBCNE@20'	20'	1320	↓	↓	↓	↓		↓												
4 TB-3	-	1440	H2O	1 AMBER 3 VOA'S	↓	↓		↓												#24 TAT
5 SZCBCTE@20'	20'	1520	SOIL	2 VOA 1 JAR	↓	↓		↓												
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by: 	Date / Time: 11/10/15 1552	Received by: 	Date / Time: 11/10/15 1552	Sample Receipt		Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	(Y) N	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Temp.	°C	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	(Y) N N/A	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Total Number of Containers	16	TAT: 24HR 48HR 5-DAY

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/11/15	103	nd
TB-3	11/11/15	96	nd
TB-3 Dup	11/11/15	108	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG
Olympia, Washington
Libby Project # L151110-30
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021b) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	11/11/15	nd	nd	nd	nd	nd	110
LCS	11/11/15	108%	87%				111
TB-1	11/11/15	nd	nd	nd	nd	nd	108
TB-1 Dup	11/11/15	nd	nd	nd	nd	nd	94
TB-1 MS	11/11/15	105%	89%				106
TB-1 MSD	11/11/15	109%	91%				90
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 10, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151109-1
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/9/15	nd	nd	nd	nd	nd	88
LCS	11/9/15	108%	88%				99
S2C B N @ 18'	11/9/15	0.26	1.3	3.3	5.1	277	103
S2C B NW @ 18'	11/9/15	0.42	1.3	3.0	5.6	240	86
D2 B SW @ 18'	11/9/15	0.36	0.72	1.7	3.6	189	134
D2 B SW @ 18' Dup	11/9/15	0.38	0.76	2.4	3.2	190	93
D1 B N @ 18'	11/9/15	0.38	0.88	0.46	1.6	49	113
D2 B SW @ 18' MS	11/9/15	108%	96%				
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151109-1

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/9/15	97	nd
S2C B N @ 18'	11/9/15	130	nd
S2C B NW @ 18'	11/9/15	107	nd
D2 B SW @ 18'	11/9/15	90	nd
D1 B N @ 18'	11/9/15	92	nd
D1 B N @ 18' Dup	11/9/15	88	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11.9.15 Page: 1 of 1

Client: AEB

Project Manager: Sharon

Address: 601 11th AVE

Project Name: RESOLVE

City: OLYMPIA State: WA Zip:

Location: 2725 93RD City, State: WA

Phone: 360 352 2835 Fax:

Collector: Sharon Date of Collection: 11.9.15

Client Project # 12-116

Email: SLOMBARDINI@AEBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes				
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals			
1 S2C BN@18'	18'	1200	S	Jar, 2 Vol	X	X	X												
2 S2C BNW@18'	18'	1210	I	I	X	X	X												
3 D2 B SW@18'	18'	1220	I	I	X	X	X												
4 D1 BN@18'	18'	1230	I	I	X	X	X												
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: <u>[Signature]</u>	Date / Time: <u>11.9.15 1325</u>	Received by: <u>Thoddy Gley</u>	Date / Time: <u>11-9-15 1325</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>12</u>	Remarks:
Relinquished by: <u>[Signature]</u>	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 10, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151106-2
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/6/15	nd	nd	nd	nd	nd	104
LCS	11/6/15	106%	87%				103
D1 BSW @ 7'	11/6/15	nd	nd	nd	nd	nd	94
D1 BSW @ 8'	11/6/15	nd	nd	nd	nd	nd	100
L151105-3 MS	11/6/15	100%	88%				93
Practical Quantitation Limit		0.02	0.20	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151106-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/6/06	100	nd
D1 BSW @ 7'	11/6/06	int	10600
D1 BSW @ 8'	11/6/06	93	nd
D1 BSW @ 8' Dup	11/6/06	86	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE Ph: 360-352-2110

Olympia, WA 98506 Fax: 360-352-4154

Client: AEG

Date: 11-6-15 Page: 1 of 1

Address: 605 11th Ave E.

Project Manager: SHAWN

City: OLYMPIA State: WA Zip: 98505

Project Name: RESPIRE

Phone: 360 352 9835 Fax:

Location: 2725 93RD AVE City, State: Olympia WASHINGTON

Client Project # 12-116

Collector: SHAWN Date of Collection: 11-6-15

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes				
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/IDx	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals			
1	DIBSWAY'	7'	1130	SOIL	ZVOR	X	X	X											
2	DIBSWAY'	8'	1140	"	"	X	X	X											
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Sample Receipt		Remarks: <u>MONDAY MORNING RUSH</u>
Good Condition?	<input checked="" type="radio"/> N	
Temp.	<u>2</u> °C	
Seals Intact?	<input checked="" type="radio"/> N N/A	
Total Number of Containers	<u>6</u>	TAT: <input checked="" type="radio"/> 24HR <input type="radio"/> 48HR <input type="radio"/> 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 10, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151105-5
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/05/15	nd	nd	nd	nd	nd	104
LCS	11/05/15	114%	87%				104
D1 B SW 18'	11/05/15	nd	nd	nd	nd	nd	99
D3 B S 19'	11/05/15	0.042	0.25	0.26	0.37	27	100
D1 B SW 20'	11/05/15	nd	nd	nd	nd	nd	95
L151103-3 MS	11/05/15	100%	88%				93
Practical Quantitation Limit		0.02	0.2	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151105-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/5/15	104	nd
D1 B SW 18'	11/5/15	95	nd
D3 B S 19'	11/5/15	106	nd
D3 B S 19' Dup	11/5/15	100	nd
D1 B SW 20'	11/5/15	92	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group, LLC

Olympia, Washington

Libby Project # L151106-2

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	1/0/00	nd	nd	nd	nd	nd	104
LCS	1/0/00	106%	87%				103
D1 BSW @ 7'	1/0/00	0.017	nd	nd	nd	nd	94
D1 BSW @ 8'	1/0/00	nd	nd	nd	nd	nd	100
L151105-3 MS	1/0/00	0%	0%				
Practical Quantitation Limit		0.02	0.20	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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FAX: (360) 352-4154

Email: libbyenv@aol.com

Restover PROJECT

Associated Environmental Group, LLC

Tumwater, Washington

Libby Project # L151106-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/6/06	100	nd
D1 BSW @ 7'	11/6/06	int	10600
D1 BSW @ 8'	11/6/06	93	nd
D1 BSW @ 8' Dup	11/6/06	86	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 11-6-15 Page: 1 of 1

Client: AFB

Project Manager: SHAWN

Address: 605 11th Ave E.

Project Name: RESIDUAL

City: OLYMPIA State: WA Zip: 98505

Location: 2725 93RD AVE City, State: TUMWATER

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection:

Client Project # 12-116

Email: SLOMBARDENE@SEBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes				
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082		MTCA 5 Metals	RCRA 8 Metals		
1	DI BSW@7'	1130	SOIL	ZVOR 1.302	X	X	X												
2	DI BSW@8'	1140	"	"	X	X	X												
3																			
4																			
5																			
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11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: [Signature] Date / Time: 11-6-15 1315
 Received by: [Signature] Date / Time: 11-6-15 1315

Sample Receipt	
Good Condition?	<input checked="" type="checkbox"/> N
Temp.	2 °C
Seals Intact?	<input checked="" type="checkbox"/> N N/A
Total Number of Containers	6

Remarks: MONDAY MORNING
 TAT: (24HR) 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

November 5, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151103-5
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	11/3/15	nd	nd	nd	nd	nd	112
LCS	11/3/15	78%	66%				77
TB-2	11/3/15	nd	nd	nd	nd	nd	119
TB-2 Dup	11/3/15	nd	nd	nd	nd	nd	71
TB-2 MS	11/3/15	72%	68%				73
TB-2 MSD	11/3/15	79%	90%				130
Practical Quantitation Limit		1	2	1	2	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151103-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	11/4/2015	100	nd
TB-2	11/4/2015	98	nd
TB-2 Dup	11/4/2015	112	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Maria Friedrich

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG

Olympia, Washington

Libby Project # L151105-5

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	11/05/15	nd	nd	nd	nd	nd	104
LCS	11/05/15	114%	87%				104
D1 B SW 18'	11/05/15	0.019	nd	nd	nd	nd	99
D3 B S 19'	11/05/15	0.042	0.25	0.26	0.37	27	100
D1 B SW 20'	11/05/15	0.017	nd	nd	nd	nd	95
L151103-3 MS	11/05/15	0%	0%				
L151103-3 MSD	11/05/15	0%	0%				
Practical Quantitation Limit		0.02	0.2	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG

Olympia, Washington

Libby Project # L151105-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	11/5/15	104	nd
D1 B SW 18'	11/5/15	95	nd
D3 B S 19'	11/5/15	106	nd
D3 B S 19' Dup	11/5/15	100	nd
D1 B SW 20'	11/5/15	92	nd

Practical Quantitation Limit

50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 30, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151029-7
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	10/29/15	nd	nd	nd	nd	nd	109
LCS	10/29/15	108%	87%				106
TB-1	10/29/15	nd	nd	nd	nd	nd	101
L151029-1 MS	10/29/15	105%	89%				93
L151029-1 MSD	10/29/15	110%	88%				94
Practical Quantitation Limit		1.0	2.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151029-7

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	10/29/15	100	nd
TB-1	10/29/15	104	nd
TB-1 Dup	10/29/15	95	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 10.29.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN LOMBARDINE

Address: 605 11th AVE

Project Name: RESTOVER

City: OLYMPIA State: WA Zip: 98501

Location: _____ City, State: Olympia WA

Phone: 360 352 9835 Fax: _____

Collector: SHAWN L. Date of Collection: 10.29.15

Client Project # 12-116

Email: SLOMBARDINE@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c-PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 <u>TB-1</u>	<u>—</u>	<u>1500</u>	<u>H₂O</u>	<u>3 VOA 1 AMISEL</u>	<u>X</u>	<u>X</u>	<u>X</u>											
2																		
3																		
4																		
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17																		

Relinquished by: <u>[Signature]</u>	Date / Time: <u>10.29.15</u>	Received by: <u>[Signature]</u>	Date / Time: <u>10-29-15</u>	Sample Receipt Good Condition? <u>Y</u> <u>N</u> Temp. _____ °C Seals Intact? <u>Y</u> <u>N</u> <u>N/A</u> Total Number of Containers _____	Remarks: TAT: <u>24HR</u> <u>48HR</u> <u>5-DAY</u>
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 26, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151023-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/23/15	nd	nd	nd	nd	nd	110
LCS	10/23/15	112%	99%				118
ST SE @ 18.5'	10/23/15	nd	nd	nd	nd	nd	111
ST SE @ 18.5' Dup	10/23/15	nd	nd	nd	nd	nd	110
B CB E @ 18.5'	10/23/15	5.2	8.4	26 E	36	2580 E	int
B CB CE @ 20'	10/23/15	0.20	0.41	0.90	1.6	98	111
ST BC S @ 20'	10/23/15	0.31	1.0	3.4 E	11.4 E	501 E	int
ST SW @ 17'	10/23/15	0.10	0.72	1.4	2.7	257	124
ST SW @ 18.5'	10/23/15	nd	0.27	0.35	0.66	47	126
ST BCS @ 23'	10/23/15	nd	0.19	nd	nd	nd	104
ST SW BC @ 20'	10/23/15	nd	0.20	nd	nd	nd	106
B CB CE @ 20' MS	10/23/15	123%	98%				87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Indicates value is an estimate because it exceeds calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151023-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/23/15	103	nd
ST SE @ 18.5'	10/23/15	120	nd
ST SE @ 18.5' Dup	10/23/15	107	nd
B CB E @ 18.5'	10/23/15	116	nd
B CB CE @ 20'	10/23/15	88	nd
ST BC S @ 20'	10/23/15	84	nd
ST BC S @ 20' Dup	10/23/15	111	nd
ST SW @ 17'	10/23/15	92	nd
ST SW @ 18.5'	10/23/15	118	nd
ST BCS @ 23'	10/23/15	90	nd
ST SW BC @ 20'	10/23/15	108	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 10/23/15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: Restover

City: OLYMPIA State: WA Zip:

Location: Olympia City, State: WA

Phone: 360-352-9835 Fax:

Collector: Shawn Date of Collection: 10/23/15

Client Project # 12-116

Email: SLOMBARDINE@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-DX	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 ST SE @ 18.5'	18.5	900	SOIL	2 VOA 1 JAL	X	X	X											
2 B C B E @ 18.5'	18.5	950	"	"														
3 B C B C E @ 20'	20	1000	"	"														
4 ST BC S @ 20'	20	1140	"	"														
5 ST SW @ 17'	17	1300	"	"														
6 ST SW @ 18.5'	18.5	1320	"	"														
7 ST BCS @ 23'	23	1350	"	"														
8 ST SW BC @ 20'	20'	1420	"	"														
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 10.23.15
 Received by: Paul Burke Date / Time: 10/23/15 1630

Sample Receipt			
Good Condition?	Y	N	
Temp.		°C	
Seals Intact?	Y	N	N/A
Total Number of Containers			

Remarks: ML
 TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 26, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group, LLC

Olympia, Washington

Libby Project # L151022-1

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/22/15	nd	nd	nd	nd	nd	102
LCS	10/22/15	106%	88%				96
GD S-20' D3@18.5'	10/23/15	0.033	nd	0.21	0.38	9.2 J	120
GD S-20' D2@20'	10/22/15	nd	nd	nd	nd	nd	111
L151021-5 MS	10/22/15	108%	86%				106
L151021-5 MSD	10/22/15	110%	87%				107
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"J" Analyte was positively identified. The reported result is an estimate.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group, LLC

Olympia, Washington

Libby Project # L151022-1

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/23/15	102	nd
GD S-20' D3@20'	10/23/15	98	nd
GD S-20' D3@18.5'	10/23/15	105	nd
GD S-20' D3@18.5' Dup	10/23/15	104	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 10.22.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th Ave SE

Project Name: RESTORATION

City: OLY State: WA Zip:

Location: 2725 93RD AVE City, State: WA Olympia


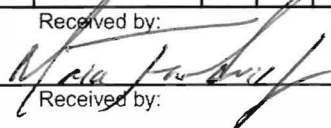
Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 10.22

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM

Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 802-1B	VOA 802-1B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCBs 8082	MTCA 5 Metals				
1 GDS-20'D3@18.5'	18.5'	1110	SOIL	2 VOAS 1 JOR	X				X	X								
2 GDS-20'D3@20'	20'	1120	SOIL	" "	X				X	X								
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
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17																		

Relinquished by: 	Date / Time: 10.22	Received by: 	Date / Time: 10/22/15 330	Sample Receipt:	Remarks:		
Relinquished by:	Date / Time:	Received by:	Date / Time:			Good Condition?	Y
						Cold?	-1
						Seals Intact?	Y
Relinquished by:	Date / Time:	Received by:	Date / Time:	Total Number of Containers	6		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 26, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151021-5
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/22/15	nd	nd	nd	nd	nd	102
LCS	10/22/15	106%	88%				96
GD BC S 20'	10/22/15	nd	nd	nd	nd	nd	98
GD S 18.5'	10/23/15	0.44	2.5	7.8	8.5	876	115
GD BC SSE 20'	10/22/15	nd	nd	nd	nd	nd	104
GD BC SSE 20' Dup	10/22/15	nd	nd	nd	nd	nd	97
GD BC SSE 20' MS	10/22/15	108%	86%				106
GD BC SSE 20' MSD	10/22/15	110%	87%				107
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151021-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/22/15	108	nd
GD BC S 20'	10/22/15	93	nd
GD S 18.5'	10/22/15	110	nd
GD S 18.5' Dup	10/22/15	124	nd
GD BC SSE 20'	10/22/15	91	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151021-5
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021b) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Gasoline (ug/l)	Surrogate Recovery (%)
Method Blank	10/22/15	nd	nd	nd	nd	nd	102
LCS	10/22/15	106%	88%				96
EXCV. TEST W	10/22/15	7.7	8.1	13	72	3810	113
EXCV. TEST W Dup	10/22/15	6.4	7.5	13	77	3450	int
EXCV. TEST W MS	10/22/15	134%	72%				int
EXCV. TEST W MSD	10/22/15	122%	101%				int
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151021-5

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel ($\mu\text{g/l}$)
Method Blank	10/22/15	121	nd
EXCV. TEST W	10/22/15	115	nd
Practical Quantitation Limit			200

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 10.21.15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE

Project Name: RESTORE

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93RD City, State: TUMWATER

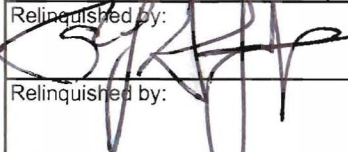
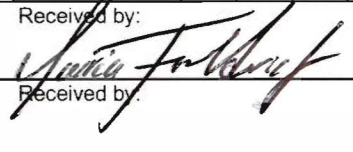
Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 10-21-15

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM

Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCAs 5 Metals				
1	GD BCS 20'	20'	1210	SOIL	2 VOA'S 1 JAR	X				X	X							
2	GD S 18.5'	18.5'	1240	SOIL	↓													
3	GD BCSSE 20'	20'	1400	SOIL	↓													
4	EXC. TEST W	-	1530	H2O	1 AMBER 3 VOA'S	X				X	X							
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: 	Date / Time	Received by: 	Date / Time: <u>10/21/15</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	
Relinquished by:	Date / Time	Received by:	Date / Time	Cold?	
Relinquished by:	Date / Time	Received by:	Date / Time	Seals Intact?	
				Total Number of Containers	TAT: <u>24HR</u> 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 20, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

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Sincerely,

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Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151019-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/19/15	nd	nd	nd	nd	nd	105
LCS	10/19/15	109%	90%				103
GDBCC 20'	10/19/15	nd	nd	nd	nd	nd	108
GDBCC 20' Dup	10/19/15	nd	nd	nd	nd	nd	108
SBCE 20'	10/19/15	nd	nd	nd	nd	nd	107
DGDBCNE 20'	10/19/15	nd	nd	nd	nd	nd	117
NWBCNE 20'	10/19/15	nd	nd	0.51	0.40	28	112
DGDBCNE 20' MS	10/19/15	108%	90%				109
DGDBCNE 20' MSD	10/19/15	102%	88%				113
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L151019-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	10/19/15	105	nd
GDBCC 20'	10/19/15	93	nd
GDBCC 20' Dup	10/19/15	94	nd
SBCE 20'	10/19/15	106	nd
DGDBCNE 20'	10/19/15	93	nd
NWBCNE 20'	10/19/15	91	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 10/19/15 Page: 1 of 1

Client: AEG, LLC

Project Manager: Shawn Lombardini

Address: 605 11th Ave SE, Suite 201

Project Name: Restover

City: Olympia State: WA Zip: 98501

Location: 2725 93rd Ave SW City, State: Olympia, WA

Phone: 360 352 8835 Fax: 360 352 8164

Collector: Nicolas Pushkor Date of Collection: 10/19/15

Client Project # 12-116

Email: npushkor@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analysis Parameters											Field Notes						
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals					
1	G DBLL20	20	1125	Soil	VOA/402	X	X	X														
2	S BLE20	20	1140	Soil	VOA/402	X	X	X														
3	DG DBLNE70	20	1220	Soil	VOA/402	X	X	X														
4	NW BCNE70	20	1320	Soil	VOA/402	X	X	X														
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						

Relinquished by: <u>[Signature]</u>	Date / Time: <u>10/19 1331</u>	Received by: <u>[Signature]</u>	Date / Time: <u>10/19/15 1331</u>	Sample Receipt Good Condition? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Temp. _____ °C Seals Intact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Total Number of Containers: <u>12</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 19, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151016-30
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8012B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/16/15	nd	nd	nd	nd	nd	107
LCS	10/16/15	110%	97%				120
UST BCSE 20'	10/16/15	nd	nd	nd	nd	nd	114
UST BCNW 20'	10/16/15	nd	nd	0.38	0.34	23	101
GDBC ESE 20'	10/16/15	nd	nd	nd	nd	nd	113
GDBC ESE 20' Dup	10/16/15	nd	nd	nd	nd	nd	112
GDBC NW 20'	10/16/15	nd	nd	nd	nd	nd	115
UST BCSW 20'	10/16/15	nd	nd	nd	nd	12	105
GDBC ESE 20' MS	10/16/15	107%	90%				114
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151016-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	10/16/15	110	nd	nd
UST BCSE 20'	10/16/15	104	68	nd
UST BCNW 20'	10/16/15	116	nd	nd
UST BCNW 20' Dup	10/16/15	114	nd	nd
GDBC ESE 20'	10/16/15	100	nd	nd
GDBC NW 20'	10/16/15	94	nd	nd
UST BCSW 20'	10/16/15	99	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

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

Date: 10/16/15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN

Address: 605 11th AVE SE

Project Name: Restover

City: OLYMPIA State: WA Zip: 9

Location: 93RD AVE SW City, State:

Phone: 360 352 9835 Fax:

Collector: SHAWN Date of Collection: 10/16/15

Client Project # 12-116

Email: SLOMBARDINI@AFBWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 UST BCSE 20'	20'	10:45	S	Ter 2VOA	X	X			X									
2 UST BCNW 20'	20'	10:50	↓	↓	↓	↓			↓									
3 GDBC ESE 20'	20'	11:45	↓	↓	↓	↓			↓									
4 GDBC NW 20'	20'	13:45	↓	↓	↓	↓			↓									
5 UST BCSW 20'	20'	14:45	↓	↓	↓	↓			↓									
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: [Signature] Date / Time: 10-16 1500
 Received by: Tracy Eley Date / Time: 10/16/15 1500

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> N
Temp.	_____ °C
Seals Intact?	<input checked="" type="radio"/> N N/A
Total Number of Containers	<u>15</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

October 19, 2015

Shawn Lombardini
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Lombardini:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151015-30
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8012B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	10/15/15	nd	nd	nd	nd	nd	124
LCS	10/15/15	110%	99%				124
BCE 20'	10/15/15	nd	nd	nd	nd	nd	115
BCE 20' Dup	10/15/15	nd	nd	nd	nd	nd	111
BCNE 20'	10/15/15	nd	nd	0.18	0.25	39	113
BCNE 23'	10/15/15	nd	nd	nd	nd	nd	113
UST BCNE 20'	10/15/15	nd	nd	0.20	0.19	15	113
BCNE 20' MS	10/15/15	102%	92%				105
BCNE 20' MSD	10/15/15	109%	93%				97
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L151015-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	10/15/15	100	nd	nd
Ramp Middle	10/15/15	int	2210	nd
Ramp Middle Dup	10/15/15	int	2220	nd
BCE 20'	10/15/15	108	nd	nd
BCNE 20'	10/15/15	108	nd	nd
BCNE 23'	10/15/15	98	nd	nd
UST BCNE 20'	10/15/15	105	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 10/15/15 Page: 1 of 1

Client: AEG

Project Manager: SHAWN Lombardini

Address: 605 11th AVE SE.

Project Name: RESTOVER

City: OLYMPIA State: WA Zip: _____

Location: 93RD AVE. City, State: _____

Phone: 360 352 9835 Fax: _____

Collector: SHAWN Date of Collection: 10/15/15

Client Project # 12-116

Email: SLOMBARDINI@AEGWA.COM



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes							
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals								
1 Ramp Middle	-	8:45	S	Jar																			
2 BCE 20'	20	10:40	S	2 VOA 1 JAR	X	X			X														
3 BCNE 20'	20	11:20	S	"	X	X			X														
4 BCNE 23'	23	13:00	S	"	X	X			X														
5 UST BCNE 20'	20	13:10	S	"	X	X			X														
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							

Relinquished by: [Signature] Date / Time: 10.15.15 1345 Received by: Thoddy Gray Date / Time: 10-15-15 1345

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	_____ °C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>13</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150818-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/18/15	nd	nd	nd	nd	nd	98
LCS	8/18/15	107%	94%				103
LCS Dup	8/18/15	103%	91%				97
S-E-5	8/18/15	nd	nd	nd	nd	nd	100
S-E-10	8/18/15	nd	nd	nd	nd	nd	104
S-E-15	8/18/15	nd	nd	nd	nd	nd	105
S-W-5	8/18/15	nd	nd	nd	nd	nd	105
S-W-10	8/18/15	nd	nd	nd	0.16	10	101
S-W-15	8/18/15	nd	nd	0.27	0.36	26	99
S-S-5	8/18/15	nd	nd	nd	nd	nd	99
S-S-10	8/18/15	nd	nd	nd	nd	nd	102
S-S-15	8/18/15	nd	nd	nd	nd	nd	99
S-S-15 Dup	8/18/15	nd	nd	nd	nd	nd	93
S-W-8	8/18/15	nd	nd	nd	nd	nd	100
GEX-BSE-7	8/18/15	nd	nd	0.28	1.4	112	87
S-S-10 MS	8/18/15	107%	90%				88
S-S-10 MSD	8/18/15	109%	88%				87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150818-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/18/15	96	nd	nd
Method Blank	8/19/15	102	nd	nd
DEX-B5-5	8/18/15	int	15600	nd
DEX-B6-5	8/18/15	101	nd	nd
DEX-B4-5	8/18/15	int	24400	nd
GEX-BSE-7	8/18/15	107	nd	nd
DEX-BD6-8	8/19/15	int	1380	nd
DEX-BD5-8	8/19/15	110	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

"E" Reported result is an estimate because it exceeds the calibration range.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150818-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/18/15	96	nd
S-E-5	8/18/15	96	nd
S-E-5 Dup	8/18/15	97	nd
S-E-10	8/18/15	106	nd
S-E-15	8/18/15	101	nd
S-W-5	8/18/15	97	nd
S-W-5 Dup	8/18/15	93	nd
S-W-10	8/18/15	104	nd
S-W-15	8/18/15	99	nd
S-S-5	8/18/15	91	nd
S-S-10	8/18/15	103	nd
S-S-15	8/18/15	82	nd
S-W-8	8/18/15	97	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/18/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th Ave SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd Ave SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8-18-15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8280	NWTPH-GX	BTEX 8021	NWTPH-HCID	NWTPH-DX	6 PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes	
1	S-E-5	5	8:55	SOIL	VOA/402	✓	✓	✓									
2	S-E-10	10	9:00			✓	✓	✓									
3	S-E-15	15	9:05			✓	✓	✓									
4	S-W-5	5	10:10			✓	✓	✓									
5	S-W-10	10	10:13			✓	✓	✓									
6	S-W-15	15	10:16			✓	✓	✓									
7	S-S-5	5	9:28			✓	✓	✓									
8	S-S-10	10	9:33			✓	✓	✓									
9	S-S-15	15	9:40			✓	✓	✓									
10	S-W-8	8	10:25			✓	✓	✓									
11	DEX-B5-5	5	11:55														
12	DEX-B6-5	5	12:05														
13	DEX-B4-5	5	12:10														
14	DEX-B5-7	7	12:30			✓	✓	✓									8-21-15 sample name change per Leo via phone FB
15	DEX-BD6-8	8	14:45														
16	DEX-BD5-8	8	15:00														
17																	

Relinquished by: L Chaidez	Date / Time 8/18/15 4:10	Received by: Thoddy Gray	Date / Time 8/18/15 4:10	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers 38	Remarks: <div style="font-size: 2em; color: green; text-align: center;">ML</div>
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150831-2
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/31/15	nd	nd	nd	nd	nd	100
LCS	8/31/15	113%	91%				113
E-BW110-17	8/31/15	nd	nd	nd	nd	nd	115
L150831-3 MS	8/31/15	108%	87%				101
L150831-3 MSD	8/31/15	103%	88%				100
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150831-2

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/31/15	100	nd
E-BW110-17	8/31/15	91	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/31/2015 Page: 1 of 1

Client: TEG

Project Manager: Leo Chaidez

Address: 605 11th Ave SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2125 93rd Ave SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/31/2015

Client Project # 12-116

Email: leochaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1 <u>E-BW110-17</u>	<u>17</u>	<u>11:27</u>	<u>SOIL</u>	<u>10A/40Z</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: <u>Leo Chaidez</u>	Date / Time: <u>8/31/15 12:02</u>	Received by: <u>Elyse B</u>	Date / Time: <u>8/31/15 12:02</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers	Remarks: <u>Rush</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150826-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/26/15	nd	nd	nd	nd	nd	106
LCS	8/26/15	109%	98%				91
E-B1-15	8/26/15	nd	nd	nd	nd	nd	102
E-B2-15	8/26/15	nd	nd	nd	nd	nd	102
E-B3-15	8/26/15	nd	nd	nd	nd	nd	97
E-B4-15	8/26/15	nd	nd	nd	nd	nd	91
E-B5-15	8/26/15	nd	nd	nd	nd	nd	83
E-B6-15	8/26/15	nd	nd	nd	nd	nd	90
E-B9-15 MS	8/26/15	104%	94%				96
E-B9-15 MSD	8/26/15	109%	96%				99
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150826-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/26/15	nd	nd	nd	nd	nd	106
LCS	8/26/15	109%	98%				91
E-B7-15	8/26/15	nd	nd	nd	nd	nd	101
E-B8-15	8/26/15	<0.40	<2.0	<1.0	<3.0	<200	100
E-B9-15	8/26/15	nd	nd	nd	nd	nd	101
E-B9-15 Dup	8/26/15	nd	nd	nd	nd	nd	98
E-B2-16	8/26/15	nd	nd	nd	nd	nd	102
E-B2-16 Dup	8/26/15	nd	nd	nd	nd	nd	98
E-B5-16	8/26/15	2.0	7.5	81	183	5070	71
E-B9-15 MS	8/26/15	104%	94%				96
E-B9-15 MSD	8/26/15	109%	96%				99
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150826-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/26/15	101	nd
E-B1-15	8/26/15	108	nd
E-B2-15	8/26/15	102	nd
E-B3-15	8/26/15	103	nd
E-B4-15	8/26/15	101	nd
E-B5-15	8/26/15	102	nd
E-B6-15	8/26/15	99	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506

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FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150826-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/26/15	101	nd
E-B7-15	8/26/15	98	nd
E-B8-15	8/26/15	int	2440
E-B9-15	8/26/15	100	nd
E-B9-15 Dup	8/26/15	100	nd
E-B2-16	8/26/15	95	nd
E-B2-16 Dup	8/26/15	95	nd
E-B5-16	8/26/15	int	4210
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/25/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/25/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOA 8021B	VOA 8021B BTEX Only	VOA 8280	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals										
1	E-B1-15	15	15:44	SOIL	VOA/402	✓				✓	✓													
2	E-B2-15	15	15:47	↓	↓	✓				✓	✓													
3	E-B3-15	15	15:50	↓	↓	✓				✓	✓													
4	E-B4-15	15	15:53	↓	↓	✓				✓	✓													
5	E-B5-15	15	15:56	↓	↓	✓				✓	✓													
6	E-B6-15	15	16:00	↓	↓	✓				✓	✓													
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								

Relinquished by: <u>LC Hunter</u>	Date / Time: <u>8/25/15 16:43</u>	Received by: <u>Paul Burk</u>	Date / Time: <u>8/25/15 16:43</u>	Sample Receipt: Good Condition? <u>Y</u> Cold? <u>Y</u> Seals Intact? <u>Y</u> Total Number of Containers <u>18</u>	Remarks: <u>ML</u>
Relinquished by: <u>Paul Burk</u>	Date / Time: <u>8/25/15 17:40</u>	Received by: <u>Tracy Gray</u>	Date / Time: <u>8/25/15 17:40</u>		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/26/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidex

Address: 605 11th Ave SE

Project Name: Restover Truck Stop

City: Olympia State: Wa Zip: 98501

Location: 2725 93rd Ave SW City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Leo Chaidex Date of Collection: 8/26/15

Client Project # 12-116

Email: lchaidex@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes										
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals											
1	E-B7-15	15	9:04	SOIL	VOL/40Z	-	✓		✓																	
2	E-B8-15	15	9:08			✓	✓		✓																	
3	E-B9-15	15	9:11			✓	✓		✓																	
4	E-B2-16	16	10:48			✓	✓		✓																	
5	E-B5-16	16	10:55			✓	✓		✓																	
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
17																										

Relinquished by: <u>LChaidex</u>	Date / Time: <u>8/26/15 15:25</u>	Received by: <u>Kroley Gley</u>	Date / Time: <u>8/26/15 15:25</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>15</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150825-10

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/25/15	nd	nd	nd	nd	nd	99
LCS	8/25/15	104%	108%				99
E-B1-10	8/25/15	nd	nd	nd	nd	nd	102
E-B2-10	8/25/15	nd	nd	nd	nd	nd	102
E-B3-10	8/25/15	nd	nd	nd	nd	nd	104
E-B3-10 Dup	8/25/15	nd	nd	nd	nd	nd	102
E-B4-10	8/25/15	nd	nd	nd	nd	nd	102
E-B5-10	8/25/15	nd	nd	nd	nd	nd	114
E-B6-10	8/25/15	nd	nd	nd	nd	nd	102
E-B6-10 Dup	8/25/15	nd	nd	nd	nd	nd	102
E-B7-10	8/25/15	nd	nd	nd	nd	nd	102
E-B8-10	8/25/15	nd	nd	nd	nd	nd	102
E-B9-10	8/25/15	nd	nd	nd	nd	nd	102
E-B5-15	8/25/15	nd	nd	0.11	nd	139	99
E-B5-10 MS	8/25/15	102%	112%				102
E-B5-10 MSD	8/25/15	106%	116%				102
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSIS PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150825-10
Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/25/15	97	nd
E-B1-10	8/25/15	97	nd
E-B1-10 Dup	8/25/15	104	nd
E-B2-10	8/25/15	101	nd
E-B3-10	8/25/15	91	nd
E-B4-10	8/25/15	95	nd
E-B5-10	8/25/15	94	nd
E-B6-10	8/25/15	97	nd
E-B7-10	8/25/15	110	nd
E-B8-10	8/25/15	104	nd
E-B9-10	8/25/15	100	nd
E-B5-15	8/25/15	115	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150825-10
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/26/15	nd	nd	nd	nd	nd	106
LCS	8/26/15	109%	98%				91
GEX-B-12	8/26/15	nd	nd	nd	nd	nd	105
L150826-30 MS	8/26/15	104%	94%				96
L150826-30 MSD	8/26/15	109%	96%				99
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150825-10

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/26/15	101	nd	nd
GEX-B-12	8/26/15	97	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/25/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TROCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/25/14

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals				
1 E-B1-10	10	8:52	50:1	2voas, 14oz	X				X	X								
2 E-B2-10	10	8:55			X				X	X								
3 E-B3-10	10	8:58			X				X	X								
4 E-B4-10	10	9:02			X				X	X								
5 E-B5-10	10	9:09			X				X	X								
6 E-B6-10	10	9:13			X				X	X								
7 E-B7-10	10	11:23			X				X	X								
8 E-B8-10	10	11:28			X				X	X								
9 E-B9-10	10	11:32			X				X	X								
10 GEX-B-12	12	13:28			X				X	X	X							Run tomorrow
11 E-B5-15	15	15:06			X				X	X								
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>LChaidez</u> Date / Time: <u>8/25/15</u>	Received by: <u>Paul Burk</u> Date / Time: <u>8/25/15 1640</u>	Sample Receipt:	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Received by:	Good Condition?	
Relinquished by:	Received by:	Cold?	
Relinquished by:	Received by:	Seals Intact?	
		Total Number of Containers	



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150824-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/24/15	nd	nd	nd	nd	nd	100
LCS	8/24/15	113%	94%				96
E-SW-7	8/24/15	nd	nd	nd	nd	nd	104
E-SW-13	8/24/15	nd	nd	nd	nd	nd	101
E-B1-4	8/24/15	nd	nd	nd	nd	nd	107
E-B2-4	8/24/15	nd	nd	nd	nd	nd	105
E-B3-4	8/24/15	nd	nd	nd	nd	nd	102
E-B4-4	8/24/15	nd	nd	nd	nd	nd	102
E-B5-4	8/24/15	nd	nd	nd	nd	nd	102
E-B6-4	8/24/15	nd	nd	nd	nd	nd	93
E-SW-13 MS	8/24/15	101%	93%				93
E-SW-13 MSD	8/24/15	101%	90%				94
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150824-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/24/15	102	nd
E-B1-4	8/24/15	93	nd
E-B2-4	8/24/15	120	nd
E-B3-4	8/24/15	98	nd
E-B4-4	8/24/15	116	nd
E-B5-4	8/24/15	100	nd
E-B6-4	8/24/15	118	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150824-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/24/15	102	nd	nd
DEX-BD4S-7	8/24/15	105	nd	nd
DEX-BD4S-7 Dup	8/24/15	114	nd	nd
E-SW-7	8/24/15	100	nd	nd
E-SW-13	8/24/15	115	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

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

Date: 8/24/15 Page: 1 of 1
 Project Manager: Leo Chaides
 Project Name: RESTORER TRUCK STOP
 Location: 2725 93RD AVE SW City, State: OLYMPIA, WA
 Collector: leo chaides Date of Collection: 8/24/15
 Email: lchaides3@aegwa.com

Client: AEG
 Address: 605 ITHAVE SE
 City: OLYMPIA State: WA Zip: 98501
 Phone: 360 352 9835 Fax:
 Client Project # 12-116



Sample Number	Depth	Time	Sample Type	Container Type												Field Notes							
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals						
1 <u>DEX-BD4S-7^F</u>	<u>7'</u>	<u>8:22</u>	<u>SOIL</u>	<u>402</u>																			
2 <u>DE-SW-7</u>	<u>7</u>	<u>11:41</u>																					
3 <u>E-SW-13</u>	<u>13</u>	<u>11:38</u>																					
4 <u>E-B1-4</u>	<u>4</u>	<u>13:43</u>																					
5 <u>E-B2-4</u>	<u>4</u>	<u>13:47</u>																					
6 <u>E-B3-4</u>	<u>4</u>	<u>13:51</u>																					
7 <u>E-B4-4</u>	<u>4</u>	<u>13:52</u>																					
8 <u>E-B5-4</u>	<u>4</u>	<u>14:02</u>																					
9 <u>E-B6-4</u>	<u>4</u>	<u>14:06</u>																					
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							

Relinquished by:	Date / Time	Received by:	Date / Time	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers <u>25</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
<u>lchaides</u>	<u>8/24/15 3:20</u>	<u>Kodrey Gray</u>	<u>8/24/15 3:20</u>		
Relinquished by:	Date / Time	Received by:	Date / Time		
Relinquished by:	Date / Time	Received by:	Date / Time		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150821-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/21/15	nd	nd	nd	nd	nd	106
LCS	8/21/15	111%	99%				88
EW-B-7	8/21/15	nd	nd	nd	nd	nd	109
E-BW34-5	8/21/15	nd	nd	nd	nd	nd	116
E-BW51-4	8/21/15	nd	nd	nd	nd	nd	110
E-BSW88-4	8/21/15	nd	nd	nd	nd	nd	114
E-BSW88-4 Dup	8/21/15	nd	nd	nd	nd	nd	102
EW-B-7 MS	8/21/15	103%	101%				107
EW-B-7 MSD	8/21/15	102%	98%				105
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150821-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/21/15	102	nd
EW-B-7	8/21/15	102	nd
EW-B-7 Dup	8/21/15	114	nd
E-BW34-5	8/21/15	102	nd
E-BW51-4	8/21/15	113	nd
E-BSW88-4	8/21/15	101	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

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RESTOVER TRUCK STOP PROJECT
 AEG, LLC
 Olympia, Washington
 Libby Project # L150821-30
 Client Project # 12-116

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description	Method	EW-B-7	E-BW51-4	E-BW51-4
	Blank			Dup
Date Sampled	Reporting	N/A	8/21/15	8/21/15
Date Analyzed	Limits	8/24/15	8/24/15	8/24/15
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Dichlorodifluoromethane	0.06	nd	nd	nd
Chloromethane	0.06	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd
Bromomethane	0.09	nd	nd	nd
Chloroethane	0.06	nd	nd	nd
Trichlorofluoromethane	0.05	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
Methylene chloride	0.02	nd	nd	nd
Methyl <i>tert</i> - Butyl Ether (MTBE)	0.05	nd	nd	nd
<i>trans</i> -1,2-Dichloroethene	0.02	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd
<i>cis</i> -1,2-Dichloroethene	0.02	nd	nd	nd
Chloroform	0.02	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd
Benzene	0.02	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd
Trichloroethene (TCE)	0.03	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd
Dibromomethane	0.04	nd	nd	nd
Bromodichloromethane	0.02	nd	nd	nd
<i>cis</i> -1,3-Dichloropropene	0.02	nd	nd	nd
Toluene	0.1	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd
1,3-Dichloropropane	0.05	nd	nd	nd
Dibromochloromethane	0.03	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd
Chlorobenzene	0.02	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.03	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd
Total Xylenes	0.1	nd	nd	nd
Styrene	0.02	nd	nd	nd

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RESTOVER TRUCK STOP PROJECT
 AEG, LLC
 Olympia, Washington
 Libby Project # L150821-30
 Client Project # 12-116

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description	Method	EW-B-7	E-BW51-4	E-BW51-4
	Blank			Dup
Date Sampled	Reporting	N/A	8/21/15	8/21/15
Date Analyzed	Limits	8/24/15	8/24/15	8/24/15
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Bromoform	0.03	nd	nd	nd
Isopropylbenzene	0.08	nd	nd	nd
1,2,3-Trichloropropane	0.03	nd	nd	nd
Bromobenzene	0.03	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.03	nd	nd	nd
n-Propylbenzene	0.02	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd
1,3,5-Trimethylbenzene	0.02	nd	nd	nd
tert-Butylbenzene	0.02	nd	nd	nd
1,2,4-Trimethylbenzene	0.02	nd	nd	nd
sec-Butylbenzene	0.02	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd
Isopropyltoluene	0.02	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd
n-Butylbenzene	0.02	nd	nd	nd
1,2-Dibromo-3-Chloropropane	0.05	nd	nd	nd
1,2,4-Trichlorobenzene	0.05	nd	nd	nd
Hexachloro-1,3-butadiene	0.10	nd	nd	nd
Naphthalenes	0.05	nd	nd	nd
1,2,3-Trichlorobenzene	0.10	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane	97	101	97	97
1,2-Dichloroethane-d4	71	83	80	82
Toluene-d8	99	101	103	105
4-Bromofluorobenzene	110	114	114	114

"nd" Indicates not detected at listed detection limit.

"int" Indicates that interference prevents determination.

* ANALYZED BY SIM

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
 AEG, LLC
 Olympia, Washington
 Libby Project # L150821-30
 Client Project # 12-116

QA/QC Data - EPA 8260C Analyses

Sample Identification: EW-B-7							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.40	80	0.50	0.37	74	7.8
Benzene	0.50	0.53	106	0.50	0.50	100	5.8
Toluene	0.50	0.57	114	0.50	0.55	110	3.6
Chlorobenzene	0.50	0.64	128	0.50	0.67	134	4.6
Trichloroethene (TCE)	0.50	0.49	98	0.50	0.46	92	6.3
Surrogate Recovery							
Dibromofluoromethane			99			98	
1,2-Dichloroethane-d4			83			83	
Toluene-d8			102			105	
4-Bromofluorobenzene			103			115	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.48	96
Benzene	0.50	0.57	114
Toluene	0.50	0.58	116
Chlorobenzene	0.50	0.65	130
Trichloroethene (TCE)	0.50	0.54	108
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			83
Toluene-d8			100
4-Bromofluorobenzene			113

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

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
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Fax: 360-352-4154

Date: 8/21/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo Chaidez Date of Collection: 8/21/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			
1 EW-B-7	7	9:20	SOIL	VOA/40Z	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8-24-15 Added per Leo via phone RUSH
2 E-BW34-5	5	9:48	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3 E-BW51-4	4	9:53	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4 E-BW88-4	4	10:43	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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Relinquished by: <u>Lchaidez</u>	Date / Time: <u>8/21/15 10:05</u>	Received by: <u>Thoday Coley</u>	Date / Time: <u>8/21/15 1:05</u>	Sample Receipt Good Condition? <input checked="" type="checkbox"/> N Temp. _____ °C Seals Intact? <input checked="" type="checkbox"/> N N/A Total Number of Containers: <u>12</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 3, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150820-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/20/15	nd	nd	nd	nd	nd	119
LCS	8/20/15	108%	105%				111
UST-SW-7	8/20/15	nd	nd	nd	nd	nd	115
UST-SW-12	8/20/15	nd	nd	nd	nd	nd	112
UST-SW-16	8/20/15	nd	nd	nd	nd	nd	104
DEX-BSE-8	8/20/15	nd	nd	nd	nd	nd	111
GEX-SSW-8	8/20/15	0.033	0.17	3.1 E	8.8 E	556 E	110
UST-SW-16 MS	8/20/15	103%	81%				91
UST-SW-16 MSD	8/20/15	102%	93%				102
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150820-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/20/15	103	nd
UST-SW-7	8/20/15	104	nd
UST-SW-12	8/20/15	113	nd
UST-SW-16	8/20/15	101	nd
UST-SW-16 Dup	8/20/15	112	nd
DEX-BSE-8	8/20/15	108	nd
DEX-BSE-8 Dup	8/20/15	121	nd
GEX-SSW-8	8/20/15	94	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150820-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/20/15	103	nd	nd
DEX-BE-6	8/20/15	104	nd	nd
DEX-BE-6 Dup	8/20/15	117	nd	nd
DEX-BD3S-6	8/20/15	93	nd	nd
DEX-BD3N-5	8/20/15	109	nd	nd
DEX-B-5	8/20/15	int	944	nd
DEX-BD4N-5	8/20/15	int	742	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

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September 3, 2015

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Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150819-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/19/15	nd	nd	nd	nd	nd	94
LCS	8/19/15	107%	91%				90
LCS Dup	8/19/15	111%	98%				101
GEX-B-18	8/19/15	nd	nd	nd	nd	nd	98
S-SW-11	8/19/15	<0.2	0.3	3.1	12	1110	98
GEX-BSW-8	8/19/15	nd	nd	nd	nd	nd	97
GEX-SW-11	8/19/15	0.17	0.81	20 E	65 E	2670 E	128
GEX-SW-17	8/19/15	0.29	1.7	21	46	1380	94
GEX-B-18 MS	8/19/15	103%	89%				80
GEX-B-18 MSD	8/19/15	104%	92%				79
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150819-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/19/15	102	nd	nd
DEX-BSE-11	8/19/15	97	nd	nd
DEX-BSE-11 Dup	8/19/15	106	nd	nd
DEX-BC-8	8/19/15	int	1600	nd
GEX-B-18	8/19/15	88	nd	nd
S-SW-11	8/19/15	121	nd	nd
GEX-BSW-8	8/19/15	82	nd	nd
GEX-SW-11	8/19/15	104	nd	nd
GEX-SW-17	8/19/15	133	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

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

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Fax: 360-352-4154

Date: 8/19/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/19/15

Client Project # 12-116

Email: lchaidez@aequa



Sample Number	Depth	Time	Sample Type	Container Type											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082		MTCA 5 Metals	RCRA 8 Metals	
1 DEX-BD6-8	8'	2:45	S	4oz														Collected 8/18 LC
2 DEX-BD5-8	8'	3:00	S	4oz														Collected 8/18 LC
3 DEX-BSE-11	11'	9:48		4oz														Collected 8/19
4 DEX-BC-8	8'	10:42																
5 GEX-B-18	18	11:58		VOA/4oz		X	X			X								
6 S-SW-11	11	12:49				X	X			X								
7 GEX-BSW-8	8	13:17				X	X			X								
8 GEX-SW-11	11	13:35				X	X			X								
9 GEX-SW-17	17	13:45				X	X			X								
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>lchaidez</u>	Date / Time: <u>8/19/15 8:2:35</u>	Received by: <u>Shoddy Day</u>	Date / Time: <u>8/19/15 2:35</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> N Temp. <input type="radio"/> °C Seals Intact? <input checked="" type="radio"/> N N/A Total Number of Containers: <u>19</u>	Remarks: TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150817-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/17/15	nd	nd	nd	nd	nd	117
LCS	8/17/15	104%	91%				92
LCS Dup	8/17/15	111%	99%				114
DEX-B-10	8/17/15	nd	nd	nd	nd	nd	118
DEX-B-6	8/17/15	nd	nd	nd	nd	nd	109
DEX-BSE2-5	8/17/15	0.085	0.78	3.9	16	896	103
GEX-B-9	8/17/15	0.68	6.6	70 E	200 E	4420 E	int
DEX-B-10 MS	8/17/15	109%	96%				115
DEX-B-10 MSD	8/17/15	111%	98%				106
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150817-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/17/15	100	nd	nd
DEX-B-10	8/17/15	100	nd	nd
DEX-B-10 Dup	8/17/15	100	nd	nd
DEX-B-6	8/17/15	int	7680 E	nd
DEX-BSE2-5	8/17/15	84	nd	nd
GEX-B-9	8/17/15	85	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

"E" Reported result is an estimate because it exceeds the calibration range.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150817-30

Client Project # 12-116

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	8/17/15	100	nd
DEX-BSE-5	8/17/15	90	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

"E" Reported result is an estimate because it exceeds the calibration range.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/17/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2225 93rd AVE SW City, State: WA.

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 8/17/15

Client Project # 12-116

Email: lchaidez@aegwa



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals							
1 DEX-B-10	10	8:40	SOL	VOA/40Z	✓	✓			✓															
2 DEX-B-6'	6	9:35	↓	↓	✓	✓			✓															
3 DEX-BSE-5	5	12:08	↓	↓				✓																
4 DEX-BSEZ-5	5	12:40	↓	↓	✓	✓			✓															
5 GEX-B-9	9	14:28	↓	↓	✓	✓			✓															
6																								
7																								
8																								
9																								
10																								
11																								
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15																								
16																								
17																								

Relinquished by: <u>Chander</u>	Date / Time: <u>8/17/15 4:26</u>	Received by: <u>Kodan Gray</u>	Date / Time: <u>8/17/15 4:26</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>13</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150814-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/14/15	nd	nd	nd	nd	nd	94
LCS	8/14/15	101%	100%				111
LCS Dup	8/14/15	106%	100%				107
S-NNW-4	8/14/15	nd	nd	nd	0.2	nd	114
S-NNW-10	8/14/15	nd	nd	nd	nd	nd	119
S-NNE-4	8/14/15	nd	nd	nd	nd	nd	121
S-NNE-4 Dup	8/14/15	nd	nd	nd	nd	nd	102
S-NNE-10	8/14/15	nd	nd	nd	nd	nd	117
S-SW-4	8/14/15	nd	nd	nd	0.23	60	99
S-SW-10	8/14/15	nd	nd	nd	nd	22	99
S-NNE-4 MS	8/14/15	111%	94%				98
S-NNE-4 MSD	8/14/15	111%	86%				91
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150814-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/14/15	100	nd	nd
C-D12-5	8/14/15	98	nd	nd
C-D12-5 Dup	8/14/15	105	nd	nd
S-NNW-4	8/14/15	100	nd	nd
S-NNW-10	8/14/15	107	nd	nd
S-NNE-4	8/14/15	97	nd	nd
S-NNE-10	8/14/15	100	nd	nd
C-D11-5	8/14/15	100	nd	nd
S-SW-4	8/14/15	97	nd	nd
S-SW-10	8/14/15	97	nd	nd
S-SW-10 Dup	8/14/15	97	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150813-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/13/15	nd	nd	nd	nd	nd	104
LCS	8/13/15	102%	92%				95
LCS Dup	8/13/15	110%	92%				108
S-S-4	8/13/15	nd	nd	nd	nd	nd	115
S-S-4 Dup	8/13/15	nd	nd	nd	nd	nd	118
S-S-10	8/13/15	7.0 E	30 E	265 E	440 E	23350 E	132
S-DNE-4	8/13/15	nd	nd	nd	nd	nd	115
S-DW-7	8/13/15	nd	nd	nd	nd	nd	105
S-DW-7 Dup	8/13/15	nd	nd	nd	nd	nd	95
S-DW2-7	8/13/15	nd	nd	nd	nd	nd	115
S-DNE-4 MS	8/13/15	109%	94%				114
S-DNE-4 MSD	8/13/15	114%	94%				110
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Reported result is an estimate because it exceeds the calibration range.

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150813-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/13/15	90	nd	nd
S-S-4	8/13/15	129	nd	nd
S-S-4 Dup	8/13/15	122	nd	nd
S-S-10	8/13/15	int	nd	nd
S-DNE-4	8/13/15	92	nd	nd
S-DW-7	8/13/15	105	nd	nd
S-DW2-7	8/13/15	97	nd	nd
Practical Quantitation Limit			50	250

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"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/13/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 2725 93rd AVE SW 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/13

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1	S-S-4	4	10:10	SOIL	VOA/402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
2	S-S-10	10	10:15			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
3	S-DNE-4	4	11:25			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
4	S-DW-7	7	12:38			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
5	S-DWZ-7	7	13:40		4oz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>														
6																								
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8																								
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15																								
16																								
17																								

Relinquished by: <u>W. Chudner</u>	Date / Time: <u>8/13/15 15:40</u>	Received by: <u>Trudy Gray</u>	Date / Time: <u>8/13/15 15:40</u>	Sample Receipt Good Condition? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Temp. _____ °C Seals Intact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Total Number of Containers: <u>13</u>	Remarks: <div style="color: green; font-size: 2em; text-align: center;">ML</div>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

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Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150812-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/12/15	nd	nd	nd	nd	nd	104
LCS	8/12/15	109%	96%				108
LCS Dup	8/12/15	108%	101%				109
S-NNW-4	8/12/15	0.13 E	105 E	19 E	72 E	2298 E	94
S-NNW-8	8/12/15	0.48 E	0.87 E	11 E	37 E	1058 E	76
S-NNW-12	8/12/15	0.025	nd	0.21	1.4	41	91
S-NC-4	8/12/15	nd	nd	0.093	0.53	21	106
S-NC-8	8/12/15	0.037 E	nd	0.49 E	1.3 E	168 E	73
S-NC-12	8/12/15	nd	nd	nd	nd	nd	95
S-NNE-4	8/12/15	nd	nd	nd	nd	nd	98
S-NNE-8	8/12/15	nd	nd	nd	nd	nd	101
S-NNE-12	8/12/15	nd	nd	nd	nd	nd	111
S-NNE-12 Dup	8/12/15	nd	nd	nd	nd	nd	102
EX-SC-18	8/12/15	nd	0.17	0.21	1.9	46	92
S-SW-4	8/12/15	nd	nd	nd	nd	nd	96
S-SW-8	8/12/15	0.35	1.4	7.6	32	720	80
S-SW-12	8/12/15	0.88	0.27	2	7.2	240	89
S-SW-12 MS	8/12/15	106%	88%				
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"E" Indicates value is an estimate because it falls outside the calibration.

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150812-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/12/15	100	nd	nd
S-NNW-4	8/12/15	98	nd	nd
S-NNW-4 Dup	8/12/15	107	nd	nd
S-NNW-8	8/12/15	104	nd	nd
S-NNW-12	8/12/15	107	nd	nd
S-NC-4	8/12/15	100	nd	nd
S-NC-8	8/12/15	112	nd	nd
S-NC-12	8/12/15	95	nd	nd
S-NNE-4	8/12/15	104	nd	nd
S-NNE-8	8/12/15	102	nd	nd
S-NNE-8 Dup	8/12/15	102	nd	nd
S-NNE-12	8/12/15	108	nd	nd
EX-SC-18	8/12/15	113	nd	nd
S-SW-4	8/12/15	98	nd	nd
S-SW-8	8/12/15	113	nd	nd
S-SW-12	8/12/15	94	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/12/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTOVER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/12/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type											Field Notes									
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals								
1	S-NNW-4	4	8:53	SOIL	VOA/40Z	X	X			X														
2	S-NNW-8	8	9:05			X	X			X														
3	S-NNW-12	12	9:08			X	X			X														
4	S-NC-4	4	9:11			X	X			X														
5	S-NC-8	8	9:15			X	X			X														
6	S-NC-12	12	9:18			X	X			X														
7	S-NNE-4	4	9:20			X	X			X														
8	S-NNE-8	8	9:25			X	X			X														
9	S-NNE-12	12	9:30			X	X			X														
10	EX-SC-18	18	12:45			X	X			X														
11	S-SW-4	4	13:48			X	X			X														
12	S-SW-8	8	13:50			X	X			X														
13	S-SW-12	12	13:55			X	X			X														
14																								
15																								
16																								
17																								

Relinquished by: <u>W. Henderson</u>	Date / Time: <u>8/12/15 14:05</u>	Received by: <u>Koddy Gley</u>	Date / Time: <u>8/12/15 14:05</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: <u>39</u>	Remarks: <u>ML</u> TAT: 24HR 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150811-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/11/15	nd	nd	nd	nd	nd	106
LCS	8/11/15	107%	90%				106
LCS Dup	8/11/15	104%	88%				96
S-S3-5'	8/11/15	nd	nd	nd	nd	nd	102
S-SE-5'	8/11/15	nd	nd	nd	nd	nd	112
S-S4-10'	8/11/15	nd	nd	nd	nd	nd	105
S-ESE-3'	8/11/15	nd	nd	nd	nd	nd	106
S-ESE-3' Dup	8/11/15	nd	nd	nd	nd	nd	101
S-ESE-9'	8/11/15	nd	nd	nd	nd	nd	104
S-ESE-7'	8/11/15	nd	nd	nd	nd	nd	107
EX-E-4'	8/11/15	nd	nd	nd	nd	nd	95
EX-E-8'	8/11/15	nd	nd	nd	nd	nd	97
EX-E-12'	8/11/15	nd	nd	nd	nd	nd	100
EX-EC-4'	8/11/15	nd	nd	nd	nd	nd	109
EX-EC-8'	8/11/15	nd	nd	nd	nd	nd	106
EX-EC-12'	8/11/15	nd	nd	nd	nd	nd	102
EX-ESE-4'	8/11/15	0.028	nd	0.29	2.02	52	101
EX-ESE-7'	8/11/15	nd	nd	0.13	0.67	23	100
EX-ESE-12'	8/11/15	nd	nd	0.26	1.02	46	92
S-S4-10' MS	8/11/15	109%	89%				106
S-S4-10' MSD	8/11/15	110%	85%				100
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150811-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/11/15	101	nd	nd
S-S3-5'	8/11/15	96	nd	nd
S-SE-5'	8/11/15	115	nd	nd
S-S4-10'	8/11/15	96	nd	nd
S-S4-10' Dup	8/11/15	102	nd	nd
S-ESE-3'	8/11/15	96	nd	nd
S-ESE-9'	8/11/15	105	nd	nd
S-ESE-7'	8/11/15	96	nd	nd
S-ESE-7' Dup	8/11/15	104	nd	nd
EX-E-4'	8/11/15	85	nd	nd
EX-E-8'	8/11/15	98	nd	nd
EX-E-12'	8/11/15	108	nd	nd
EX-EC-4'	8/11/15	90	nd	nd
EX-EC-8'	8/11/15	107	nd	nd
EX-EC-12'	8/11/15	94	nd	nd
EX-ESE-4'	8/11/15	105	nd	nd
EX-ESE-7'	8/11/15	89	nd	nd
EX-ESE-12'	8/11/15	103	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/11/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th AVE SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 2725 93rd AVE SW City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/11/15

Client Project # 12-116

Email: lchaidez@aeqwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes								
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals									
1	S-S3-5'	5'	8:50	SOIL	VOAHOZ	✓	✓			✓														
2	S-SE-5'	5'	9:00			✓	✓			✓														
3	S-S4-10'	10'	9:35			✓	✓			✓														
4	S-ESE-3	3	10:40			✓	✓			✓														
5	S-ESE-9	9	10:42			✓	✓			✓														
6	S-ESE-7	7	10:45			✓	✓			✓														
7	EX-E-4	4	11:30			✓	✓			✓														
8	EX-E-8	8	11:35			✓	✓			✓														
9	EX-E-12	12	11:40			✓	✓			✓														
10	EX-EC-4	4	11:45			✓	✓			✓														
11	EX-EG-8	8	11:50			✓	✓			✓														
12	EX-EG-12	12	11:55			✓	✓			✓														
13	EX-ESE-4	4	12:00			✓	✓			✓														
14	EX-ESE-7	7	12:05			✓	✓			✓														
15	EX-ESE-12	12	12:10			✓	✓			✓														
16																								
17																								

Relinquished by: Leo Chaidez Date / Time: 8/11/15 13:05
 Received by: Kristy Cley Date / Time: 8/11/15 13:05

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____
 Received by: _____ Date / Time: _____

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	_____ °C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>15</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY



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Leo Chaidez
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Dear Mr. Chaidez:

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The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Sincerely,

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RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150810-10

Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/10/15	nd	nd	nd	nd	nd	110
LCS	8/10/15	113%	132%				109
S-W-7	8/10/15	nd	nd	nd	nd	nd	102
S-W-7 Dup	8/10/15	nd	nd	nd	nd	nd	102
S-W-10	8/10/15	nd	nd	nd	nd	81	112
S-E-3	8/10/15	nd	nd	0.087	0.66	67	101
S-E-7	8/10/15	<0.4	<2	1.2	2.7	501	101
S-E-13	8/10/15	nd	nd	0.11	0.30	38	100
E-B-7	8/10/15	0.27	0.68	9.0	60	1310	98
S-N-4	8/10/15	0.097	0.12	1.8	6.3	125	98
S-N-8	8/10/15	<0.4	2.0	4.1	12	1360	100
EXE-B-13	8/10/15	0.085	0.34	0.13	0.59	45	102
S-S-4	8/10/15	0.020	nd	nd	0.20	15	101
S-S-10	8/10/15	<2	<10	<5	<15	4310	100
S-S2-5	8/10/15	nd	nd	nd	nd	10	101
S-S2-10	8/10/15	nd	nd	nd	nd	nd	101
S-S2-10 Dup	8/10/15	nd	nd	nd	nd	nd	100
S-E-3 MS	8/10/15	103%	121%				135
S-E-3 MSD	8/10/15	110%	129%				115
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER TRUCK STOP PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150810-10

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/10/15	100	nd	nd
S-W-7	8/10/15	99	nd	nd
S-W-10	8/10/15	100	nd	nd
S-E-3	8/10/15	99	nd	nd
S-E-7	8/10/15	int	nd	nd
S-E-13	8/10/15	99	nd	nd
E-B-7	8/10/15	int	nd	nd
S-N-4	8/10/15	101	nd	nd
S-N-8	8/10/15	101	nd	nd
EXE-B-13	8/10/15	int	nd	nd
EXE-B-13 Dup	8/10/15	int	nd	nd
S-S-4	8/10/15	86	nd	nd
S-S-10	8/10/15	100	nd	nd
S-S-10 Dup	8/10/15	int	nd	nd
S-S2-5	8/10/15	101	nd	nd
S-S2-10	8/10/15	99	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Paul Burke

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/10/15

Page: 1 of 1

Client: AEG

Project Manager: Leo Chaidez

Address: 605 11th Ave SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 93rd Ave & I-5 south City, State: OLYMPIA, WA-

Phone: 360 352 9835 Fax:

Collector: Leo Chaidez Date of Collection: 8/10/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				
1	7	8:25	SOIL	VOA/402	✓	✓			✓										
2	10	8:30			✓	✓			✓										
3	3	8:35			✓	✓			✓										
4	7	8:40			✓	✓			✓										
5	13	8:45			✓	✓			✓										
6	7	9:30			✓	✓			✓										
7	4	11:03			✓	✓			✓										
8	8	11:05			✓	✓			✓										
9	13	11:15			✓	✓			✓										
10	4	12:30			✓	✓			✓										
11	10	13:20			✓	✓			✓										
12	5	14:22			✓	✓			✓										
13	10	14:26			✓	✓			✓										
14																			
15																			
16																			
17																			

Relinquished by: <u>lchaidez</u>	Date / Time: 8/10/15 3:00	Received by: <u>Therley Gray</u>	Date / Time: 8/10/15 3:00	Sample Receipt Good Condition? <input checked="" type="radio"/> Y <input type="radio"/> N Temp. _____ °C Seals Intact? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A Total Number of Containers: 39	Remarks: <div style="color: green; font-size: 2em; font-weight: bold;">ML</div>
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Leo Chaidez
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chaidez:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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Olympia, WA 98506
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Email: libbyenv@aol.com

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150806-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/6/15	nd	nd	nd	nd	nd	107
LCS	8/6/15	117%	85%				86
ESS-7	8/6/15	0.066	nd	0.63	2.1	56	117
ESS-7 Dup	8/6/15	0.083	nd	0.56	2.2	54	113
ESS-7 MS	8/6/15	110%	92%				96
ESS-7 MSD	8/6/15	106%	89%				87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150806-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/6/15	100	nd	nd
ESS-7	8/6/15	102	nd	nd
ESS-7 Dup	8/6/15	115	nd	nd
Practical Quantitation Limit			25	40

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 8/6/15 Page: 1 of 1

Client: AEG

Project Manager: Leo Chaiidez

Address:

Project Name: Restover

City: State: Zip:

Location: Tumwater City, State: WA

Phone: Fax:

Collector: Leo Date of Collection: 8/6/15

Client Project # 12116

Email:



Sample Number	Depth	Time	Sample Type	Container Type	Analysis Methods											Field Notes		
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals				
1		8:35	S	2VOA51402	X				X	X								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time	Sample Receipt:	Remarks:
		<i>Paul Burk</i>	8/6/15		
Relinquished by:	Date / Time	Received by:	Date / Time	Good Condition?	ML
				Cold?	
Relinquished by:	Date / Time	Received by:	Date / Time	Seals Intact?	
				Total Number of Containers	3



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 20, 2015

Michael Chun
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chun:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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Senior Chemist
Libby Environmental, Inc.

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150805-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	8/5/15	nd	nd	nd	nd	nd	108
LCS	8/5/15	121%	90%				111
EX-B-Center-18'	8/5/15	nd	nd	nd	nd	nd	97
S-NE-15'	8/5/15	nd	nd	nd	nd	nd	91
EX-B-NE-17'	8/5/15	nd	nd	nd	nd	nd	81
EX-B-NW-18'	8/5/15	nd	nd	nd	nd	nd	86
EX-B-N-18'	8/5/15	nd	nd	nd	nd	nd	73
L150804-2 MS	8/5/15	102%	75%				89
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

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RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150805-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	8/5/15	102	nd	nd
EX-B-Center-18'	8/5/15	108	nd	nd
S-NE-15'	8/5/15	99	60	nd
S-NE-15' Dup	8/5/15	94	nd	nd
EX-B-NE-17'	8/5/15	109	nd	nd
EX-B-NE-17' Dup	8/5/15	103	nd	nd
EX-B-NW-18'	8/5/15	94	55	nd
EX-B-N-18'	8/5/15	102	nd	nd
Practical Quantitation Limit			25	40

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSIS PERFORMED BY: Kodey Eley & Jamie Deyman

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/5/15 Page: 1 of 1

Client: REG

Project Manager: Mike Chun

Address: 605 11th AVE SE

Project Name: RESPONER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 93rd & I-5 south City, State: Olympia, WA.

Phone: (360) 352-9835 Fax:

Collector: LEO CHAUDEZ Date of Collection: 8/5/15

Client Project # 12-116

Email: lchaidez@aegwa.com

Sample Number	Depth	Time	Sample Type	Container Type	Analytical Methods											Field Notes		
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals				
1 EX-B-CENTER-18	18	10:57	SOIL	VOA H02	✓				✓	✓								
2 S-NE-15	15	12:03	✓	✓	✓				✓	✓								
3 EXB-NE-17	17'	12:10	✓	✓	✓				✓	✓								
4 EXB-NW-18	18	13:57	✓	✓	✓				✓	✓								
5 EXB-N-18	18	14:06	✓	✓	✓				✓	✓								
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>lchaidez</u>	Date / Time: <u>8/5/15 15:18</u>	Received by: <u>Thodex Gley</u>	Date / Time: <u>8/5/15 15:18</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	ML
				Cold?	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	
				Total Number of Containers <u>15</u>	



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 6, 2015

Michael Chun
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chun:

Please find enclosed the analytical data report for the Restover Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
LCS	7/30/15	113%	99%				117
D3B-14'	7/30/15	nd	nd	nd	nd	nd	118
UST-NS-8'	7/30/15	nd	nd	nd	nd	nd	119
Stock Pile 1	7/30/15	nd	nd	0.12	nd	48	107
Stock Pile 2	7/30/15	nd	nd	nd	nd	nd	114
Stock Pile 3	7/30/15	nd	nd	nd	nd	nd	107
Stock Pile 4	7/30/15	nd	nd	nd	nd	nd	85
G1B-14'	7/30/15	0.031	nd	0.067	0.40	77	98
G2B-13'	7/30/15	nd	nd	nd	nd	nd	106
G2B-13' Dup	7/30/15	nd	nd	nd	nd	nd	105
UST-NS-8' MS	7/30/15	105%	99%				107
UST-NS-8' MSD	7/30/15	106%	93%				93
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
Method Blank	8/2/15	nd	nd	nd	nd	nd	96
LCS	7/30/15	113%	99%				117
LCS	8/2/15	120%	91%				96
GL-ND1-3.5'	8/2/15	5.13	48.8	107	339	8610	int
GL-ND1-3.5' Dup	8/2/15	4.17	50.3	110	342	9360	int
GD1-3'	7/30/15	nd	nd	nd	nd	nd	98
GLD1D2-3'	7/30/15	0.11	0.11	0.14	1.03	21	96
GLD2D4-3'	7/30/15	nd	nd	nd	nd	nd	91
GD2-3'	7/30/15	nd	nd	nd	nd	nd	80
GD4-3'	7/30/15	nd	nd	nd	nd	nd	85
GL-D3D4-3'	7/30/15	0.96	0.47	2.51	5.98	124	83
GD3-3'	7/30/15	nd	nd	nd	nd	nd	68
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER PROJECT

AEG, LLC

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/30/15	105	nd	nd
Method Blank	7/31/15	100	nd	nd
D3B-14'	7/30/15	105	nd	nd
UST-NS-8'	7/30/15	106	nd	nd
Stock Pile 1	7/30/15	105	nd	nd
Stock Pile 2	7/30/15	96	nd	nd
Stock Pile 3	7/30/15	99	nd	nd
Stock Pile 4	7/30/15	int	1170	nd
G1B-14'	7/30/15	101	nd	nd
G2B-13'	7/30/15	110	nd	nd
D1L1-2'	7/30/15	118	nd	740
DD1-2'	7/30/15	int	2690	nd
DD1-2' Dup	7/30/15	int	2570	nd
DL-D2D3-2'	7/30/15	118	nd	nd
D3-L1-2'	7/30/15	108	nd	nd
DL2-D3D4-2'	7/30/15	87	nd	450
DL1-D3D4-2'	7/30/15	109	nd	nd
DL1-D4D5-2'	7/31/15	int	12700	nd
DL2-D4D5-2'	7/31/15	int	12400	nd
DL1-D5D6-2'	7/31/15	int	1470	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
Method Blank	8/2/15	95	nd	nd
DL2-D5D6-2'	7/31/15	int	5140	nd
DL2-D6D7-2'	7/31/15	int	78200	nd
DL2-D6D7-2' Dup	7/31/15	int	77700	nd
DD2-3'	7/31/15	int	11500	nd
DD3-3'	7/31/15	int	1500	nd
DD4-3'	7/31/15	int	2950	nd
DD5-3'	7/31/15	int	18000	nd
DD6-3'	7/31/15	int	12700	nd
DL-D6D11-3'	8/2/15	int	19600	nd
DD7-3'	8/2/15	int	17300	nd
DL-D7D12-3'	7/31/15	102	nd	nd
DD12-3'	7/31/15	int	2340	nd
DL-D11D12-3'	7/31/15	98	nd	nd
DD11-4'	7/31/15	116	160	nd
DL-D10D11-4'	7/31/15	93	260	nd
DL-D10D11-4' Dup	7/31/15	102	210	nd
DD-10-3'	8/2/15	89	nd	nd
DD-10-3' Dup	8/2/15	91	nd	nd
DD9-3'	7/31/15	97	nd	nd
DL-D8D9-4'	7/31/15	100	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
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Email: libbyenv@aol.com

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
DD8-3'	7/31/15	101	nd	nd
DL-D4D9-2.5'	7/31/15	94	nd	nd
DL-ND9-3'	7/31/15	92	nd	nd
DL-ND12-3'	7/31/15	92	nd	nd
DL-ND12-3' Dup	7/31/15	93	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

Analyses of Total Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	8/3/15	nd
G1-B-14'	8/3/15	nd
G2-B-13'	8/3/15	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

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

RESTOVER PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

QA/QC for Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)
LCS	8/3/15	89%
L150723-10B MS	8/3/15	94%
L150723-10B MSD	8/3/15	96%
RPD	8/3/15	2%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%
ACCEPTABLE RPD IS 20%

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 7/30/15 Page: 1 of 3

Client: AEG

Project Manager: Mike Chun

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: WA Zip: _____

Location: 93rd Ave & I-5S City, State: Olympia, Wa

Phone: 360 352 9835 Fax: _____

Collector: Leo Chaidez Date of Collection: 7/28/15 - 7/30/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCBs 8082	MTCA 5 Metals		Total Pb	TCLP Pb	
1 D3B-14	7/28/15	14	11:37	S	4oz/VOA ¹⁰													Collected 7/28/15
2 UST-NS-8	8	12:15	S	4oz/VOA ¹⁰														
3 Stockpile 1		13:12																
4 Stockpile 2		13:18																
5 Stockpile 3		13:25																
6 Stockpile 4	7/28/15	13:45																
7 G1B-14	7/29/15	14	8:13															Collected 7/29/15
8 G2B-19	7/28/15	14	12:20															Collected 7/28/15
9 DL1-2	2	8:47	S	4oz														Collected 7/30/15
10 DD1-2	2	9:20	S	4oz														" "
11 DL-D2D3-2.5'	2.5	9:45	S	4oz														" "
12 D3-L1-2'	2	9:55	S	4oz														Collected 7/30/15
13 DL2-D3D4-2'	2	10:23	S	4oz														8-3-15
14 DL1-D3D4-2'	2	10:30	S	4oz														added Total & TCLP Pb
15 DL4-D4D5-2'	2	10:40	S	4oz														per Leo 24hr
16 DL2-D4D5-2'	2	11:00	S	4oz														added PAH 24hr
17 DL1-D5D6-2'	2	11:15	S	4oz														8-4 changed no PAH on #15

Relinquished by: <u>W. Chander</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Wendy Wiley</u>	Date / Time: <u>7/30/15 15:40</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	Y
				Cold?	Y
				Seals Intact?	Y
				Total Number of Containers	33

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Date: 7/30/15

Page: 2 of 3

Client: AFG

Project Manager: Mike Chun

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip:

Location: 93rd Ave & I-5s City, State: Olympia, Wa

Phone: 360-352-9835 Fax:

Collector: Leo Chaidze Date of Collection: 7/30/15

Client Project # 12-116

Email: lchaidze@aegwa.com



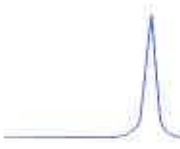
Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	NWTPH-GX	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals		RCRA 8 Metals		
1 DL2-DS06-2'	2	11:16	S	4oz						✓	⊗								8/3 added PAH
2 DL2-D6D7-2'	2	11:33	S	4oz						✓	⊗								per Leo 24hr test
3 DD2-3'	3	12:25	S	4oz						✓	⊗								
4 DD3-3'	3	12:27	S	4oz						✓	⊗								8/4 changed. only
5 DD4-3'	3	12:34	S	4oz						✓	⊗								DL2-D6D7-2 For PAH
6 DD5-3'	3	12:37	S	4oz						✓	⊗								7-28-15 per Leo
7 DD6-3'	3	12:41	S	4oz						✓	⊗								
8 DL-D6D11-3'	3	12:52	S	4oz						✓	⊗								
9 DD7-3'	3	12:55	S	4oz						✓	⊗								
10 DL-D7D12-3'	3	13:00	S	4oz						✓	⊗								
11 DD12-3'	3	13:07	S	4oz						✓									
12 DL-D11D12-3'	3	13:13	S	4oz						✓									
13 DD11-4'	4	13:17	S	4oz						✓									
14 DL-D16D11-4'	4'	13:20	S	4oz						✓									
15 DD10-3'	3	13:25	S	4oz						✓									
16 DD9-3'	3	13:33	S	4oz						✓									
17 DL-D8D9-4'	4	13:40	S	4oz						✓									

Relinquished by: <u>Leo Chaidze</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Tracy Gley</u>	Date / Time: <u>7/30/15 15:40</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:
Relinquished by:	Date / Time:	Received by:	Date / Time:

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	°C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>17</u>

Remarks: ML

TAT: 24HR 48HR 5-DAY



SPECTRA Laboratories

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

08/04/2015

Libby Environmental, Inc.
4139 Libby Rd NE
Olympia, WA 98506
Attn: Jamie Deyman

Project: Rest Over
Date Received: 08/03/2015
Spectra Project: 2015080008
Rush

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
G1B-14 7/29/15	1	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/29/2015
G2B-14 7/28/15	2	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/28/2015

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager
a8/mkw



SPECTRA Laboratories

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

8/4/2015

Libby Environmental, Inc
4139 Libby Rd. NE
Olympia, WA 98506

Units: mg/L
Spectra Project: 2015080008
Applies to Spectra #'s 1-2
Analyst: MKW

QUALITY CONTROL RESULTS ICP Metals SW846 6010C - TCLP

Method Blank

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Result
Lead	< 0.04

Laboratory Control Sample (LCS)

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Spike Added	LCS Conc.	LCS %Rec
Lead	1.0	0.996	99.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 8/3/2015 Date Analyzed: 8/3/2015
Sample Spiked: 2015070748-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc	MSD %Rec	RPD
Lead	0.000	1.0	0.996	99.6	1.009	100.9	1.3

Recovery Limits 75-125%
RPD Limit 20

SPECTRA LABORATORIES

Steven G. Hibbs
Laboratory Manager



3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

Libby Environmental

Sherry Chilcutt
4139 Libby Rd. NE
Olympia, WA 98506

RE: Restover

Lab ID: 1508030

August 05, 2015

Attention Sherry Chilcutt:

Fremont Analytical, Inc. received 1 sample(s) on 8/5/2015 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Chelsea Ward".

Chelsea Ward
Project Manager



Date: 08/05/2015

CLIENT: Libby Environmental
Project: Restover
Lab Order: 1508030

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1508030-001	DL2-D6D7-2'	07/30/2015 11:33 AM	08/05/2015 10:17 AM



Case Narrative

WO#: 1508030

Date: 8/5/2015

CLIENT: Libby Environmental

Project: Restover

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

- %Rec - Percent Recovery
 - CCB - Continued Calibration Blank
 - CCV - Continued Calibration Verification
 - DF - Dilution Factor
 - HEM - Hexane Extractable Material
 - ICV - Initial Calibration Verification
 - LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
 - MB or MBLANK - Method Blank
 - MDL - Method Detection Limit
 - MS/MSD - Matrix Spike / Matrix Spike Duplicate
 - PDS - Post Digestion Spike
 - Ref Val - Reference Value
 - RL - Reporting Limit
 - RPD - Relative Percent Difference
 - SD - Serial Dilution
 - SGT - Silica Gel Treatment
 - SPK - Spike
 - Surr - Surrogate
-



Analytical Report

WO#: 1508030
Date Reported: 8/5/2015

Client: Libby Environmental

Collection Date: 7/30/2015 11:33:00 AM

Project: Restover

Lab ID: 1508030-001

Matrix: Soil

Client Sample ID: DL2-D6D7-2'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 11514

Analyst: NG

Naphthalene	1,030	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
2-Methylnaphthalene	3,010	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
1-Methylnaphthalene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthylene	950	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthene	952	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluorene	1,080	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Phenanthrene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Anthracene	2,630	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluoranthene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Pyrene	834	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benz(a)anthracene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Chrysene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(b)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(k)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(a)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Indeno(1,2,3-cd)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Dibenz(a,h)anthracene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(g,h,i)perylene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Surr: 2-Fluorobiphenyl	54.1	35.3-142		%REC	1	8/5/2015 4:26:00 PM
Surr: Terphenyl-d14 (surr)	83.9	48.8-157		%REC	1	8/5/2015 4:26:00 PM

NOTES:

I - Indicates an analyte with an internal standard that does not meet established acceptance criteria due to sample matrix interference. The MB and LCS were within range.

Sample Moisture (Percent Moisture)

Batch ID: R24024

Analyst: CG

Percent Moisture	9.42	0.500		wt%	1	8/5/2015 11:31:58 AM
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Date: 8/5/2015

Work Order: 1508030
CLIENT: Libby Environmental
Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: MB-11514	SampType: MBLK	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: MBLKS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455048							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									
Surr: 2-Fluorobiphenyl	507		500.0		101	35.3	142				
Surr: Terphenyl-d14 (surr)	736		500.0		147	48.8	157				

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	898	50.0	1,000	0	89.8	61.6	125				
2-Methylnaphthalene	928	50.0	1,000	0	92.8	58.2	129				
1-Methylnaphthalene	950	50.0	1,000	0	95.0	56.4	132				
Acenaphthylene	925	50.0	1,000	0	92.5	52.2	133				
Acenaphthene	1,000	50.0	1,000	0	100	54	131				
Fluorene	949	50.0	1,000	0	94.9	53.4	131				



Date: 8/5/2015

Work Order: 1508030
 CLIENT: Libby Environmental
 Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenanthrene	981	50.0	1,000	0	98.1	55.6	128				
Anthracene	1,090	50.0	1,000	0	109	51	132				
Fluoranthene	1,070	50.0	1,000	0	107	48.4	134				
Pyrene	1,040	50.0	1,000	0	104	48.6	135				
Benz(a)anthracene	1,040	50.0	1,000	0	104	41.9	136				
Chrysene	1,090	50.0	1,000	0	109	51.4	135				
Benzo(b)fluoranthene	1,200	50.0	1,000	0	120	39.7	137				
Benzo(k)fluoranthene	917	50.0	1,000	0	91.7	45.7	138				
Benzo(a)pyrene	1,080	50.0	1,000	0	108	40.9	141				
Indeno(1,2,3-cd)pyrene	895	50.0	1,000	0	89.5	41	140				
Dibenz(a,h)anthracene	1,070	50.0	1,000	0	107	37.6	140				
Benzo(g,h,i)perylene	775	50.0	1,000	0	77.5	45	134				
Surr: 2-Fluorobiphenyl	490		500.0		97.9	35.3	142				
Surr: Terphenyl-d14 (surr)	649		500.0		130	48.8	157				



Date: 8/5/2015

Work Order: 1508030
CLIENT: Libby Environmental
Project: Restover

QC SUMMARY REPORT
Sample Moisture (Percent Moisture)

Sample ID: 1508031-003ADUP	SampType: DUP	Units: wt%	Prep Date: 8/5/2015	RunNo: 24024							
Client ID: BATCH	Batch ID: R24024		Analysis Date: 8/5/2015	SeqNo: 454665							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	0.752	0.500						0.7519000000000251		20	

Client Name: **LIBBY**
 Logged by: **Erica Silva**

Work Order Number: **1508030**
 Date Received: **8/5/2015 10:17:00 AM**

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 5. Custody Seals present on shipping container/cooler?
 (Refer to comments for Custody Seals not intact) Yes No Not Required
 6. Was an attempt made to cool the samples? Yes No NA
 7. Were all items received at a temperature of >0°C to 10.0°C * Yes No NA

Please refer to Item Information

8. Sample(s) in proper container(s)? Yes No
 9. Sufficient sample volume for indicated test(s)? Yes No
 10. Are samples properly preserved? Yes No
 11. Was preservative added to bottles? Yes No NA
 12. Is there headspace in the VOA vials? Yes No NA
 13. Did all samples containers arrive in good condition(unbroken)? Yes No
 14. Does paperwork match bottle labels? Yes No
 15. Are matrices correctly identified on Chain of Custody? Yes No
 16. Is it clear what analyses were requested? Yes No
 17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	14.5
Sample	11.7

Libby Environmental, Inc.

Chain of Custody Record

1508030

www.LibbyEnvironmental.com

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

Date: 8/4/15 Page: 1 of 1

Client: Libby Environmental

Project Manager: Sherry Chilcutt

Address: See above

Project Name: Restover

City: State: Zip:

Location: City, State: Olympia, Wa

Phone: Fax:

Collector: Date of Collection: 7/30/15

Client Project # L150730-30

Email:



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 DL2-D6D7-2'	3'	11:33	Soil	4oz						X						
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																

Relinquished by: <u>Tracy Eley</u>	Date / Time: <u>8/4/15</u>	Received by: <u>WPS</u>	Date / Time: <u>8/4/15</u>	Sample Receipt Good Condition? Y N Temp. °C Seals Intact? Y N N/A Total Number of Containers: _____ TAT: <u>24HR</u> 48HR 5-DAY	Remarks:
Relinquished by: <u>WPS</u>	Date / Time: _____	Received by: <u>Ch</u>	Date / Time: <u>150805 1017</u>		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____		



3600 Fremont Ave. N.

Seattle, WA 98103

T: (206) 352-3790

F: (206) 352-7178

info@fremontanalytical.com

Libby Environmental

Sherry Chilcutt
4139 Libby Rd. NE
Olympia, WA 98506

RE: Restover

Lab ID: 1508030

August 05, 2015

Attention Sherry Chilcutt:

Fremont Analytical, Inc. received 1 sample(s) on 8/5/2015 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Chelsea Ward", written in a cursive style.

Chelsea Ward
Project Manager



Date: 08/05/2015

CLIENT: Libby Environmental
Project: Restover
Lab Order: 1508030

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1508030-001	DL2-D6D7-2'	07/30/2015 11:33 AM	08/05/2015 10:17 AM



Case Narrative

WO#: 1508030

Date: 8/5/2015

CLIENT: Libby Environmental

Project: Restover

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

- %Rec - Percent Recovery
 - CCB - Continued Calibration Blank
 - CCV - Continued Calibration Verification
 - DF - Dilution Factor
 - HEM - Hexane Extractable Material
 - ICV - Initial Calibration Verification
 - LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
 - MB or MBLANK - Method Blank
 - MDL - Method Detection Limit
 - MS/MSD - Matrix Spike / Matrix Spike Duplicate
 - PDS - Post Digestion Spike
 - Ref Val - Reference Value
 - RL - Reporting Limit
 - RPD - Relative Percent Difference
 - SD - Serial Dilution
 - SGT - Silica Gel Treatment
 - SPK - Spike
 - Surr - Surrogate
-



Analytical Report

WO#: 1508030
Date Reported: 8/5/2015

Client: Libby Environmental

Collection Date: 7/30/2015 11:33:00 AM

Project: Restover

Lab ID: 1508030-001

Matrix: Soil

Client Sample ID: DL2-D6D7-2'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 11514

Analyst: NG

Naphthalene	1,030	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
2-Methylnaphthalene	3,010	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
1-Methylnaphthalene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthylene	950	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Acenaphthene	952	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluorene	1,080	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Phenanthrene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Anthracene	2,630	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Fluoranthene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Pyrene	834	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benz(a)anthracene	ND	53.7	I	µg/Kg-dry	1	8/5/2015 4:26:00 PM
Chrysene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(b)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(k)fluoranthene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(a)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Indeno(1,2,3-cd)pyrene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Dibenz(a,h)anthracene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Benzo(g,h,i)perylene	ND	53.7		µg/Kg-dry	1	8/5/2015 4:26:00 PM
Surr: 2-Fluorobiphenyl	54.1	35.3-142		%REC	1	8/5/2015 4:26:00 PM
Surr: Terphenyl-d14 (surr)	83.9	48.8-157		%REC	1	8/5/2015 4:26:00 PM

NOTES:

I - Indicates an analyte with an internal standard that does not meet established acceptance criteria due to sample matrix interference. The MB and LCS were within range.

Sample Moisture (Percent Moisture)

Batch ID: R24024

Analyst: CG

Percent Moisture	9.42	0.500		wt%	1	8/5/2015 11:31:58 AM
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Date: 8/5/2015

Work Order: 1508030
CLIENT: Libby Environmental
Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: MB-11514	SampType: MBLK	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: MBLKS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455048							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									
Surr: 2-Fluorobiphenyl	507		500.0		101	35.3	142				
Surr: Terphenyl-d14 (surr)	736		500.0		147	48.8	157				

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	898	50.0	1,000	0	89.8	61.6	125				
2-Methylnaphthalene	928	50.0	1,000	0	92.8	58.2	129				
1-Methylnaphthalene	950	50.0	1,000	0	95.0	56.4	132				
Acenaphthylene	925	50.0	1,000	0	92.5	52.2	133				
Acenaphthene	1,000	50.0	1,000	0	100	54	131				
Fluorene	949	50.0	1,000	0	94.9	53.4	131				



Date: 8/5/2015

Work Order: 1508030
 CLIENT: Libby Environmental
 Project: Restover

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: LCS-11514	SampType: LCS	Units: µg/Kg	Prep Date: 8/5/2015	RunNo: 24036							
Client ID: LCSS	Batch ID: 11514		Analysis Date: 8/5/2015	SeqNo: 455047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenanthrene	981	50.0	1,000	0	98.1	55.6	128				
Anthracene	1,090	50.0	1,000	0	109	51	132				
Fluoranthene	1,070	50.0	1,000	0	107	48.4	134				
Pyrene	1,040	50.0	1,000	0	104	48.6	135				
Benz(a)anthracene	1,040	50.0	1,000	0	104	41.9	136				
Chrysene	1,090	50.0	1,000	0	109	51.4	135				
Benzo(b)fluoranthene	1,200	50.0	1,000	0	120	39.7	137				
Benzo(k)fluoranthene	917	50.0	1,000	0	91.7	45.7	138				
Benzo(a)pyrene	1,080	50.0	1,000	0	108	40.9	141				
Indeno(1,2,3-cd)pyrene	895	50.0	1,000	0	89.5	41	140				
Dibenz(a,h)anthracene	1,070	50.0	1,000	0	107	37.6	140				
Benzo(g,h,i)perylene	775	50.0	1,000	0	77.5	45	134				
Surr: 2-Fluorobiphenyl	490		500.0		97.9	35.3	142				
Surr: Terphenyl-d14 (surr)	649		500.0		130	48.8	157				



Date: 8/5/2015

Work Order: 1508030
CLIENT: Libby Environmental
Project: Restover

QC SUMMARY REPORT
Sample Moisture (Percent Moisture)

Sample ID: 1508031-003ADUP	SampType: DUP	Units: wt%	Prep Date: 8/5/2015	RunNo: 24024							
Client ID: BATCH	Batch ID: R24024		Analysis Date: 8/5/2015	SeqNo: 454665							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	0.752	0.500						0.7519000000000251		20	

Client Name: **LIBBY**
 Logged by: **Erica Silva**

Work Order Number: **1508030**
 Date Received: **8/5/2015 10:17:00 AM**

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 5. Custody Seals present on shipping container/cooler?
 (Refer to comments for Custody Seals not intact) Yes No Not Required
 6. Was an attempt made to cool the samples? Yes No NA
 7. Were all items received at a temperature of >0°C to 10.0°C * Yes No NA

Please refer to Item Information

 8. Sample(s) in proper container(s)? Yes No
 9. Sufficient sample volume for indicated test(s)? Yes No
 10. Are samples properly preserved? Yes No
 11. Was preservative added to bottles? Yes No NA
 12. Is there headspace in the VOA vials? Yes No NA
 13. Did all samples containers arrive in good condition(unbroken)? Yes No
 14. Does paperwork match bottle labels? Yes No
 15. Are matrices correctly identified on Chain of Custody? Yes No
 16. Is it clear what analyses were requested? Yes No
 17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	14.5
Sample	11.7

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

Date: 8/11/15 Page: 1 of 1

Client: **Libby Environmental**

Project Manager: **Sherry Chikatt**

Address: **See above**

Project Name: **Restover**

City: _____ State: _____ Zip: _____

Location: _____ City, State: **Olympia, Wa**

Phone: _____ Fax: _____

Collector: _____ Date of Collection: **7/30/15**

Client Project # **L150730-30**

Email: _____



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-DX	NWTPH-Dx/DX	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1	DL2-D6D7-2'	3'	11:33	Soil	4oz						X						
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by: _____ Date / Time _____ Received by: _____ Date / Time _____

Relinquished by: **Sherry Chikatt** Date / Time **8/11/15** Received by: **WPS** Date / Time **8/11/15**

Relinquished by: **WPS** Date / Time _____ Received by: **WPS** Date / Time **8/11/15**

Sample Receipt

Good Condition? Y N

Temp. °C

Seals Intact? Y N N/A

Total Number of Containers

Remarks:

TAT: **24HR** 48HR 5-DAY



Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

July 30, 2015

Michael Chun
Associated Environmental Group, LLC
605 11th Avenue SE, Suite 201
Olympia, WA 98501

Dear Mr. Chun:

Please find enclosed the analytical data report for the Restover Truck Stop Project located in Olympia, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

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

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

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

RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150728-5
Client Project # 12-116

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260C) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/29/15	nd	nd	nd	nd	nd	99
LCS	7/29/15	97%	107%				99
UST-SS-7	7/29/15	nd	nd	nd	nd	nd	103
D1B-14	7/29/15	0.034	0.12	4.1	26	108	97
D2B-14	7/29/15	nd	nd	nd	nd	nd	103
L150728-2 MS	7/29/15	94%	111%				115
L150728-2 MSD	7/29/15	88%	106%				107
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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RESTOVER TRUCK STOP PROJECT
AEG, LLC
Olympia, Washington
Libby Project # L150728-5
Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/29/15	96	nd	nd
UST-SS-7	7/29/15	108	nd	nd
D1B-14	7/29/15	int	930	nd
D1B-14 Dup	7/29/15	int	1010	nd
D2B-14	7/29/15	105	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 7/28/15 Page: 1 of 1

Client: AEG

Project Manager: Mike Chan

Address: 605 11th Ave SE

Project Name: RESTORER TRUCK STOP

City: OLYMPIA State: WA Zip: 98501

Location: 93rd WEST I-5S City, State: OLYMPIA, WA

Phone: 360 352 9835 Fax:

Collector: LEO CHANDEZ Date of Collection: 7/28/15

Client Project # 12-116

Email: lchaidez@aeqwa.com

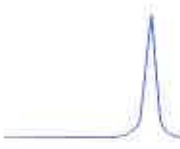


Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes		
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-GX	NWTPH-DX	PAH 8270	PCB's 8082	MTCA 5 Metals				
1 <u>UST-SS-7</u>	<u>7</u>	<u>10:47</u>	<u>SOIL</u>	<u>16A/402</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>No HCLD</u>
2 <u>D1B-14</u>	<u>14</u>	<u>15:54</u>	<u>↓</u>	<u>↓</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>"</u>
3 <u>D2B-14</u>	<u>14</u>	<u>16:12</u>	<u>↓</u>	<u>↓</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>"</u>
4																		
5																		
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7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by: <u>L. Chandez</u>	Date / Time: <u>7/28/15 17:37</u>	Received by: <u>J. Deyan</u>	Date / Time: <u>7/28/15 17:37</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition? <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> TAT: <u>24HR</u> 48HR 5-DAY
Relinquished by:	Date / Time:	Received by:	Date / Time:	Cold? <u>6°</u> <input checked="" type="checkbox"/>	
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact? <input checked="" type="checkbox"/>	
				Total Number of Containers: <u>9</u>	

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.

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



SPECTRA Laboratories

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

08/04/2015

Libby Environmental, Inc.
4139 Libby Rd NE
Olympia, WA 98506
Attn: Jamie Deyman

Project: Rest Over
Date Received: 08/03/2015
Spectra Project: 2015080008
Rush

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
G1B-14 7/29/15	1	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/29/2015
G2B-14 7/28/15	2	TCLP Lead	< 0.04	mg/L	SW846 6010C	Solid	07/28/2015

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager
a8/mkw



SPECTRA Laboratories

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

8/4/2015

Libby Environmental, Inc
4139 Libby Rd. NE
Olympia, WA 98506

Units: mg/L
Spectra Project: 2015080008
Applies to Spectra #'s 1-2
Analyst: MKW

QUALITY CONTROL RESULTS

ICP Metals SW846 6010C - TCLP

Method Blank

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Result
Lead	< 0.04

Laboratory Control Sample (LCS)

Date Digested: 8/4/2015 Date Analyzed: 8/4/2015

Element	Spike Added	LCS Conc.	LCS %Rec
Lead	1.0	0.996	99.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 8/3/2015 Date Analyzed: 8/3/2015
Sample Spiked: 2015070748-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc.	MSD %Rec	RPD
Lead	0.000	1.0	0.996	99.6	1.009	100.9	1.3

Recovery Limits 75-125%
RPD Limit 20

SPECTRA LABORATORIES

Steven G. Hibbs
Laboratory Manager

Chain of Custody Record 2015080008

Libby Environmental, Inc.
 4139 Libby Road NE
 Olympia, WA 98506
 Ph: 360-352-2110
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Date: **8-3-15** Page: **1** of **1**

Client: **Libby Environmental, Inc**
 Address: **(see above)**

Project Manager: **Sherry Chilcuff**
 Project Name: **Restover**

City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____

Location: _____ City, State: **Olympia, WA**
 Collector: _____ Date of Collection: _____

Client Project # **L150730-30** Email: **libbyenv@aol.com**



Sample Number	Depth	Time	Sample Type	Container Type	Field Notes
1	14	813	5	Jar	X
2	14	1220	5	Jar	X
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					

Relinquished by: **Egr 2 R** Date / Time: **8/3/15** Received by: **James Dink** Date / Time: **8/3/15**

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Remarks: **Temp. 11.6**
T=11.6

Sample Receipt
 Good Condition? Y N
 Temp. °C
 Seals Intact? Y N N/A
 Total Number of Containers

TAT: **24HR** 48HR 5-DAY

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
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Fax: 360-352-4154

Date: 7/30/15 Page: 1 of 3

Client: AE G

Project Manager: Mike Chun

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: WA Zip:

Location: 93rd Ave #1-5S City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: leo chaidez Date of Collection: 7/28/15 - 7/30/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytical Parameters										Field Notes			
					VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	PAH 8270	PCB's 8082	MTCA 5 Metals		Total Pb	TCLP Pb	
1 D3B-14	7/28/15	14	11:37	S	4oz/VOA ²													Collected 7/28/15
2 UST-NS-8	8	12:15	S	4oz/VOA ²														
3 Stockpile 1	—	13:12																
4 Stockpile 2	—	13:18																
5 Stockpile 3	—	13:25																
6 Stockpile 4	7/28/15	—	13:45															
7 GIB-14	7/24/15	14	8:13															Collected 7/29/15
8 G2B-19	7/28/15	14	12:20															Collected 7/28/15
9 DL1-2	2	8:47	S	4oz														Collected 7/30/15
10 DD1-2	2	9:20	S	4oz														" "
11 DL-D2D3-2.5'	2.5	9:45	S	4oz														" "
12 D3-L1-2'	2	9:55	S	4oz														Collected 7/30/15
13 DL2-D3D4-2'	2	10:23	S	4oz														8-3-15
14 DL1-D3D4-2'	2	10:30	S	4oz														added Total & TCLP Pb
15 DL1-D4D5-2'	2	10:40	S	4oz														per Leo 24hr
16 DL2-D4D5-2'	2	11:00	S	4oz														added PAH 24hr
17 DL1-D5D6-2'	2	11:15	S	4oz														

Relinquished by: <u>lchaidez</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Wendy Wiley</u>	Date / Time: <u>7/30/15 15:40</u>	Sample Receipt:	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:	Good Condition?	<u>Y</u>
				Cold?	<u>Y</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:	Seals Intact?	<u>Y</u>
				Total Number of Containers	<u>37</u>

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 7/30/15 Page: 2 of 3

Client: AFG

Project Manager: Mike Chunn

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip:

Location: 93rd Ave & I-5 S City, State: Olympia, Wa

Phone: 360-352-9835 Fax:

Collector: Leo Chaidetz Date of Collection: 7/30/15

Client Project # 12-116

Email: lchaidetz@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes										Field Notes			
					VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-IDx	c PAH-Dx/IDx	PAH 8270	Semi Vol 8270	PCB 8082	MTCAs 5 Metals		RCRAs 8 Metals		
1 DL2-DS06-2'	2	11:16	S	4oz						✓	⊗							8/3 added PAH
2 DL2-D6D7-2'	2	11:33	S	4oz						✓	⊗							per Leo 2-1 hr test
3 DD2-3'	3	12:25	S	4oz						✓	⊗							
4 DD3-3'	3	12:27	S	4oz						✓								
5 DD4-3'	3	12:34	S	4oz						✓								
6 DD5-3'	3	12:37	S	4oz						✓	⊗							7-28-15
7 DD6-3'	3	12:41	S	4oz						✓	⊗							
8 DL-D6D11-3'	3	12:52	S	4oz						✓	⊗							
9 DD7-3'	3	12:55	S	4oz						✓	⊗							
10 DL-D7D12-3'	3	12:00	S	4oz						✓								
11 DD12-3'	3	13:07	S	4oz						✓								
12 DL-D11D12-3'	3	13:13	S	4oz						✓								
13 DD11-4'	4	13:17	S	4oz						✓								
14 DL-D16D11-4'	4'	13:20	S	4oz						✓								
15 DD10-3'	3	13:25	S	4oz						✓								
16 DD9-3'	3	13:33	S	4oz						✓								
17 DL-D8D9-4'	4	13:40	S	4oz						✓								

Relinquished by: <u>Leo Chaidetz</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Tracy Gley</u>	Date / Time: <u>7/30/15 15:40</u>
Relinquished by:	Date / Time:	Received by:	Date / Time:
Relinquished by:	Date / Time:	Received by:	Date / Time:

Sample Receipt	
Good Condition?	<input checked="" type="radio"/> Y <input type="radio"/> N
Temp.	°C
Seals Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A
Total Number of Containers	<u>17</u>

Remarks:

TAT: 24HR 48HR 5-DAY

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
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Date: 7/30/15 Page: 3 of 3

Client: AEG

Project Manager: Mike Chunn

Address: 605 11th Ave SE

Project Name: Restover

City: Olympia State: Wa Zip: 5

Location: 43rd Ave & I-5s City, State: Olympia, Wa

Phone: 360 352 9835 Fax:

Collector: Leo Chauder Date of Collection: 7/30/15

Client Project # 12-116

Email: lchaidez@aegwa.com



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 DD8-3'	3'	13:45	S	4oz					X							
2 DL-D4D9-2.5'	2.5'	13:48	S	4oz					X							
3 DL-ND9-3'	3'	13:53	S	4oz					X							
4 DL-ND12-3'	3'	13:57	S	4oz					X							
5 GL-ND1-3.5'	3.5'	14:10	S	4oz/vol ²	X	X										
6 GD1-3'	3'	14:15	S	4oz/1	X	X										
7 GL-D1D2-3'	3'	14:25	S	4oz/1	X	X										
8 GL-D2D4-3'	3'	14:35	S	4oz/1	X	X										
9 GD2-3'	3'	14:35	S	4oz/1	X	X										
10 GD4-3'	3'	14:40	S	↓	X	X										
11 GL-D3D4-3'	3'	14:55	S	↓	X	X										
12 GD3-3'	3'	15:00	S	↓	X	X										
13																
14																
15																
16																
17																

Relinquished by: <u>L Chauder</u>	Date / Time: <u>7/30/15 15:40</u>	Received by: <u>Wadey Eley</u>	Date / Time: <u>7/30/15 15:40</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> N Temp. °C Seals Intact? <input checked="" type="radio"/> N N/A Total Number of Containers: <u>19</u> TAT: 24HR 48HR 5-DAY	Remarks:
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

Libby Environmental, Inc.

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RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

Analyses of Total Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)
Method Blank	8/3/15	nd
G1-B-14'	8/3/15	nd
G2-B-13'	8/3/15	nd
Practical Quantitation Limit		5.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

QA/QC for Lead in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)
LCS	8/3/15	89%
L150723-10B MS	8/3/15	94%
L150723-10B MSD	8/3/15	96%
RPD	8/3/15	2%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%

ACCEPTABLE RPD IS 20%

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

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RESTOVER PROJECT
AEG
Olympia, Washington
Libby Project # L150730-30
Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
LCS	7/30/15	113%	99%				117
D3B-14'	7/30/15	nd	nd	nd	nd	nd	118
UST-NS-8'	7/30/15	nd	nd	nd	nd	nd	119
Stock Pile 1	7/30/15	nd	nd	0.12	nd	48	107
Stock Pile 2	7/30/15	nd	nd	nd	nd	nd	114
Stock Pile 3	7/30/15	nd	nd	nd	nd	nd	107
Stock Pile 4	7/30/15	nd	nd	nd	nd	nd	85
G1B-14'	7/30/15	0.031	nd	0.067	0.40	77	98
G2B-13'	7/30/15	nd	nd	nd	nd	nd	106
G2B-13' Dup	7/30/15	nd	nd	nd	nd	nd	105
UST-NS-8' MS	7/30/15	105%	99%				107
UST-NS-8' MSD	7/30/15	106%	93%				93
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

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Olympia, WA 98506

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RESTOVER PROJECT

AEG

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	7/30/15	nd	nd	nd	nd	nd	115
Method Blank	8/2/15	nd	nd	nd	nd	nd	96
LCS	7/30/15	113%	99%				117
LCS	8/2/15	120%	91%				96
GL-ND1-3.5'	8/2/15	5.13	48.8	107	339	8610	int
GL-ND1-3.5' Dup	8/2/15	4.17	50.3	110	342	9360	int
GD1-3'	7/30/15	nd	nd	nd	nd	nd	98
GLD1D2-3'	7/30/15	0.11	0.11	0.14	1.03	21	96
GLD2D4-3'	7/30/15	nd	nd	nd	nd	nd	91
GD2-3'	7/30/15	nd	nd	nd	nd	nd	80
GD4-3'	7/30/15	nd	nd	nd	nd	nd	85
GL-D3D4-3'	7/30/15	0.96	0.47	2.51	5.98	124	83
GD3-3'	7/30/15	nd	nd	nd	nd	nd	68
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke & Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

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Email: libbyenv@aol.com

RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/30/15	105	nd	nd
Method Blank	7/31/15	100	nd	nd
D3B-14'	7/30/15	105	nd	nd
UST-NS-8'	7/30/15	106	nd	nd
Stock Pile 1	7/30/15	105	nd	nd
Stock Pile 2	7/30/15	96	nd	nd
Stock Pile 3	7/30/15	99	nd	nd
Stock Pile 4	7/30/15	int	1170	nd
G1B-14'	7/30/15	101	nd	nd
G2B-13'	7/30/15	110	nd	nd
D1L1-2'	7/30/15	118	nd	740
DD1-2'	7/30/15	int	2690	nd
DD1-2' Dup	7/30/15	int	2570	nd
DL-D2D3-2'	7/30/15	118	nd	nd
D3-L1-2'	7/30/15	108	nd	nd
DL2-D3D4-2'	7/30/15	87	nd	450
DL1-D3D4-2'	7/30/15	109	nd	nd
DL1-D4D5-2'	7/31/15	int	12700	nd
DL2-D4D5-2'	7/31/15	int	12400	nd
DL1-D5D6-2'	7/31/15	int	1470	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE

Olympia, WA 98506

Phone: (360) 352-2110

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RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
Method Blank	8/2/15	95	nd	nd
DL2-D5D6-2'	7/31/15	int	5140	nd
DL2-D6D7-2'	7/31/15	int	78200	nd
DL2-D6D7-2' Dup	7/31/15	int	77700	nd
DD2-3'	7/31/15	int	11500	nd
DD3-3'	7/31/15	int	1500	nd
DD4-3'	7/31/15	int	2950	nd
DD5-3'	7/31/15	int	18000	nd
DD6-3'	7/31/15	int	12700	nd
DL-D6D11-3'	8/2/15	int	19600	nd
DD7-3'	8/2/15	int	17300	nd
DL-D7D12-3'	7/31/15	102	nd	nd
DD12-3'	7/31/15	int	2340	nd
DL-D11D12-3'	7/31/15	98	nd	nd
DD11-4'	7/31/15	116	160	nd
DL-D10D11-4'	7/31/15	93	260	nd
DL-D10D11-4' Dup	7/31/15	102	210	nd
DD-10-3'	8/2/15	89	nd	nd
DD-10-3' Dup	8/2/15	91	nd	nd
DD9-3'	7/31/15	97	nd	nd
DL-D8D9-4'	7/31/15	100	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

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RESTOVER PROJECT

Associated Environmental Group Inc

Olympia, Washington

Libby Project # L150730-30

Client Project # 12-116

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

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	100	nd	nd
DD8-3'	7/31/15	101	nd	nd
DL-D4D9-2.5'	7/31/15	94	nd	nd
DL-ND9-3'	7/31/15	92	nd	nd
DL-ND12-3'	7/31/15	92	nd	nd
DL-ND12-3' Dup	7/31/15	93	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley & Sherry Chilcutt

Summary of Soil Disposal Manifest
Restover Truck Stop

TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
457000LF11/24/15	457000	KLH	24-Nov-15	24-Nov-15	4	105640	52.81999969	39500	19.75	66140	33.06999969	496.05
456938LF11/20/15	456938	KLH	20-Nov-15	20-Nov-15	9	106420	53.20999908	39800	19.89999962	66620	33.31000137	499.65
456828LF11/18/15	456828	KLH	18-Nov-15	18-Nov-15	9	100880	50.43999863	39500	19.75	61380	30.69000053	460.35
456827LF11/18/15	456827	KLH	18-Nov-15	18-Nov-15	9	105720	52.86000061	39500	19.75	66220	33.11000061	496.65
456813LF11/18/15	456813	KLH	18-Nov-15	18-Nov-15	7	114100	57.04999924	39500	19.75	74600	37.29999924	559.5
456792LF11/17/15	456792	KLH	17-Nov-15	17-Nov-15	10	109080	54.54000092	39500	19.75	69580	34.79000092	521.85
456786LF11/17/15	456786	KLH	17-Nov-15	17-Nov-15	10	109200	54.59999847	39500	19.75	69700	34.84999847	522.75
456732LF11/17/15	456732	KLH	17-Nov-15	17-Nov-15	6	106480	53.24000168	38120	19.05999947	68360	34.18000031	512.7
456714LF11/17/15	456714	KLH	17-Nov-15	17-Nov-15	5	106200	53.00999832	39500	19.75	66520	33.25999832	498.9
456713LF11/17/15	456713	KLH	17-Nov-15	17-Nov-15	5	107740	53.86999893	38120	19.05999947	69620	34.81000137	522.15
456712LF11/17/15	456712	KLH	17-Nov-15	17-Nov-15	5	108080	54.04000092	39800	19.89999962	68280	34.13999939	512.1
456711LF11/17/15	456711	KLH	17-Nov-15	17-Nov-15	5	108880	54.43999863	39800	19.89999962	69080	34.54000092	518.1
456710LF11/17/15	456710	KLH	17-Nov-15	17-Nov-15	5	107480	53.74000168	39800	19.89999962	67680	33.84000015	507.6
456707LF11/17/15	456707	KLH	17-Nov-15	17-Nov-15	4	105800	52.90000153	40500	20.25	65300	32.65000153	489.75
456703LF11/17/15	456703	KLH	17-Nov-15	17-Nov-15	4	107900	53.95000076	40700	20.35000038	67200	33.59999847	504
456682LF11/17/15	456682	KLH	17-Nov-15	17-Nov-15	4	103200	51.59999847	39500	19.75	63700	31.85000038	477.75
456680LF11/17/15	456680	KLH	17-Nov-15	17-Nov-15	3	107480	53.74000168	40500	20.25	66980	33.49000168	502.35
456675LF11/17/15	456675	KLH	17-Nov-15	17-Nov-15	3	107180	53.59000015	40700	20.35000038	66480	33.24000168	498.6
456672LF11/17/15	456672	KLH	17-Nov-15	17-Nov-15	3	106460	53.22999954	40500	20.25	65960	32.97999954	494.7
456671LF11/17/15	456671	KLH	17-Nov-15	17-Nov-15	3	110480	55.24000168	39500	19.75	70980	35.49000168	532.35
456669LF11/17/15	456669	KLH	17-Nov-15	17-Nov-15	3	107200	53.59999847	38120	19.05999947	69080	34.54000092	518.1
456668LF11/17/15	456668	KLH	17-Nov-15	17-Nov-15	3	105680	52.84000015	40500	20.25	65180	32.59000015	488.85
456656LF11/16/15	456656	KLH	16-Nov-15	16-Nov-15	11	104140	52.06999969	40700	20.35000038	63440	31.71999931	475.8
456653LF11/16/15	456653	KLH	16-Nov-15	16-Nov-15	11	104960	52.47999954	40500	20.25	64460	32.22999954	483.45
456630LF11/16/15	456630	KLH	16-Nov-15	16-Nov-15	9	105360	52.68000031	40700	20.35000038	64660	32.33000183	484.95
456627LF11/16/15	456627	KLH	16-Nov-15	16-Nov-15	9	109320	54.65999985	40500	20.25	68820	34.40999985	516.15
456601LF11/16/15	456601	KLH	16-Nov-15	16-Nov-15	8	108500	54.25	40500	20.25	68000	34	510
456592LF11/16/15	456592	KLH	16-Nov-15	16-Nov-15	7	106700	53.34999847	38120	19.05999947	68580	34.29000092	514.35
456591LF11/16/15	456591	KLH	16-Nov-15	16-Nov-15	7	104660	52.33000183	38120	19.05999947	66540	33.27000046	499.05
456589LF11/16/15	456589	KLH	16-Nov-15	16-Nov-15	7	105560	52.77999878	39500	19.75	66060	33.02999878	495.45
456652LF11/16/15	456652	KLH	16-Nov-15	16-Nov-15	11	104640	52.31999969	38120	19.05999947	66520	33.25999832	498.9
456651LF11/16/15	456651	KLH	16-Nov-15	16-Nov-15	11	104500	52.25	38120	19.05999947	66380	33.18999863	497.85
456650LF11/16/15	456650	KLH	16-Nov-15	16-Nov-15	11	105500	52.75	39500	19.75	66000	33	495
456649LF11/16/15	456649	KLH	16-Nov-15	16-Nov-15	11	102440	51.22000122	39500	19.75	62940	31.46999931	472.05
456648LF11/16/15	456648	KLH	16-Nov-15	16-Nov-15	11	105920	52.95999908	40500	20.25	65420	32.70999908	490.65
456647LF11/16/15	456647	KLH	16-Nov-15	16-Nov-15	11	108100	54.04999924	40500	20.25	67600	33.79999924	507
456646LF11/16/15	456646	KLH	16-Nov-15	16-Nov-15	11	105760	52.88000107	40500	20.25	65260	32.63000107	489.45
456645LF11/16/15	456645	KLH	16-Nov-15	16-Nov-15	11	106620	53.31000137	40500	20.25	66120	33.06000137	495.9
456644LF11/16/15	456644	KLH	16-Nov-15	16-Nov-15	10	106500	53.25	39800	19.89999962	66700	33.34999847	500.25
456643LF11/16/15	456643	KLH	16-Nov-15	16-Nov-15	10	106460	53.22999954	39800	19.89999962	66660	33.33000183	499.95
456642LF11/16/15	456642	KLH	16-Nov-15	16-Nov-15	10	106580	53.29000092	39800	19.89999962	66780	33.38999939	500.85
456552LF11/11/15	456552	KLH	11-Nov-15	11-Nov-15	9	104940	52.47000122	40800	20.39999962	64140	32.06999969	481.05
456551LF11/11/15	456551	KLH	11-Nov-15	11-Nov-15	8	105360	52.68000031	39800	19.89999962	65560	32.77999878	491.7
456550LF11/11/15	456550	KLH	11-Nov-15	11-Nov-15	8	104580	52.90000092	39500	19.75	65080	32.54000092	488.1
456549LF11/11/15	456549	KLH	11-Nov-15	11-Nov-15	8	107220	53.61000061	38120	19.05999947	69100	34.54999924	518.25
456548LF11/11/15	456548	KLH	11-Nov-15	11-Nov-15	8	105080	52.54000092	40500	20.25	64580	32.29000092	484.35
456544LF11/11/15	456544	KLH	11-Nov-15	11-Nov-15	7	101480	50.74000168	40500	20.25	60980	30.48999977	457.35
456543LF11/11/15	456543	KLH	11-Nov-15	11-Nov-15	7	106880	53.43999863	39800	19.89999962	67080	33.54000092	503.1
456542LF11/11/15	456542	KLH	11-Nov-15	11-Nov-15	7	107700	53.84999847	39500	19.75	68200	34.09999847	511.5
456541LF11/11/15	456541	KLH	11-Nov-15	11-Nov-15	7	106740	53.36999893	38120	19.05999947	68620	34.31000137	514.65
456540LF11/11/15	456540	KLH	11-Nov-15	11-Nov-15	7	104520	52.25999832	40500	20.25	64020	32.00999832	480.15
456061LF10/27/15	456061	KLH	27-Oct-15	27-Oct-15	4	101920	50.95999908	40280	20.13999939	61640	30.81999969	462.3
456059LF10/27/15	456059	KLH	27-Oct-15	27-Oct-15	4	107720	53.86000061	38120	19.05999947	69600	34.79999924	522
456057LF10/27/15	456057	KLH	27-Oct-15	27-Oct-15	4	107740	53.86999893	40600	20.29999924	67140	33.56999969	503.55
456056LF10/27/15	456056	KLH	27-Oct-15	27-Oct-15	4	110500	55.25	40500	20.25	70000	35	525
456139LF10/28/15	456139	KLH	28-Oct-15	28-Oct-15	10	105400	52.70000076	38120	19.05999947	67280	33.63999939	504.6
456137LF10/28/15	456137	KLH	28-Oct-15	28-Oct-15	9	108460	54.22999954	40500	20.25	67960	33.97999954	509.7
456133LF10/28/15	456133	KLH	28-Oct-15	28-Oct-15	9	103340	51.66999817	40500	20.25	62840	31.42000008	471.3
456129LF10/28/15	456129	KLH	28-Oct-15	28-Oct-15	9	104220	52.11000061	40280	20.13999939	63940	31.96999931	479.55
456126LF10/28/15	456126	KLH	28-Oct-15	28-Oct-15	9	105940	52.97000122	38120	19.05999947	67820	33.90999985	508.65
456124LF10/28/15	456124	KLH	28-Oct-15	28-Oct-15	9	102500	51.25	40500	20.25	62000	31	465
456048LF10/26/15	456048	KLH	26-Oct-15	26-Oct-15	11	103380	51.68999863	40280	20.13999939	63100	31.54999924	473.25
456045LF10/26/15	456045	KLH	26-Oct-15	26-Oct-15	10	107540	53.77000046	38120	19.05999947	69420	34.70999908	520.65
456044LF10/26/15	456044	KLH	26-Oct-15	26-Oct-15	10	109700	54.84999847	40600	20.29999924	69100	34.54999924	518.25
456043LF10/26/15	456043	KLH	26-Oct-15	26-Oct-15	10	106980	53.49000168	40500	20.25	66480	33.24000168	498.6
456573LF11/13/15	456573	RDR	13-Nov-15	13-Nov-15	9	106420	53.20999908	39800	19.89999962	66620	33.31000137	499.65
456571LF11/13/15	456571	RDR	13-Nov-15	13-Nov-15	9	105260	52.63000107	38120	19.05999947	67140	33.56999969	503.55
456568LF11/13/15	456568	RDR	13-Nov-15	13-Nov-15	9	106200	53.09999847	40500	20.25	65700	32.84999847	492.75
456582LF11/13/15	456582	RDR	13-Nov-15	13-Nov-15	10	108180	54.09000015	40500	20.25	67680	33.84000015	507.6
456575LF11/13/15	456575	RDR	13-Nov-15	13-Nov-15	9	107540	53.77000046	40500	20.25	67040	33.52000046	502.8
455927LF10/22/15	455927	KLH	22-Oct-15	22-Oct-15	9	106360	53.18000031	39580	19.79000092	66780	33.38999939	500.85
455924LF10/22/15	455924	KLH	22-Oct-15	22-Oct-15	9	107580	53.79000092	40500	20.25	67080	33.54000092	503.1
455922LF10/22/15	455922	KLH	22-Oct-15	22-Oct-15	9	103420	51.70999908	39500	19.75	63920	31.95999908	479.4
455921LF10/22/15	455921	KLH	22-Oct-15	22-Oct-15	9	103260	51.63000107	39500	19.75	63760	31.87999916	478.2
455920LF10/22/15	455920	KLH	22-Oct-15	22-Oct-15	9	100760	50.38000107	41500	20.75	59260	29.62999916	444.45
455919LF10/22/15	455919	KLH	22-Oct-15	22-Oct-15	9	106440	53.22000122	40500	20.25	65940	32.97000122	494.55
455918LF10/22/15	455918	KLH	22-Oct-15	22-Oct-15	9	103740	51.86999893	38500	19.25	65240	32.61999893	489.3
455916LF10/22/15	455916	KLH	22-Oct-15	22-Oct-15	9	109360	54.68000031	39800	19.89999962	69560	34.7	

Summary of Soil Disposal Manifest
Restover Truck Stop

TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
455905LF10/22/15	455905	KLH	22-Oct-15	22-Oct-15	9	104380	52.18999863	38120	19.05999947	66260	33.13000107	496.95
455904LF10/22/15	455904	KLH	22-Oct-15	22-Oct-15	9	107360	53.68000031	38100	19.04999924	69260	34.63000107	519.45
455903LF10/22/15	455903	KLH	22-Oct-15	22-Oct-15	8	103100	51.54999924	40500	20.25	62600	31.29999924	469.5
455902LF10/22/15	455902	KLH	22-Oct-15	22-Oct-15	8	103580	51.79000092	39500	19.75	64080	32.04000092	480.6
455901LF10/22/15	455901	KLH	22-Oct-15	22-Oct-15	8	105220	52.61000061	39500	19.75	65720	32.86000061	492.9
455899LF10/22/15	455899	KLH	22-Oct-15	22-Oct-15	8	98660	49.33000183	36900	18.45000076	61760	30.87999916	463.2
455898LF10/22/15	455898	KLH	22-Oct-15	22-Oct-15	8	103260	51.63000107	40500	20.25	62760	31.37999916	470.7
455812LF10/20/15	455812	KLH	20-Oct-15	20-Oct-15	10	104900	52.45000076	40500	20.25	64400	32.20000076	483
455811LF10/20/15	455811	KLH	20-Oct-15	20-Oct-15	10	106380	53.18999863	39500	19.75	66880	33.43999863	501.6
455809LF10/20/15	455809	KLH	20-Oct-15	20-Oct-15	10	105640	52.81999969	38120	19.05999947	67520	33.75999832	506.4
455806LF10/20/15	455806	KLH	20-Oct-15	20-Oct-15	10	106420	53.20999908	39580	19.79000092	66840	33.41999817	501.3
455805LF10/20/15	455805	KLH	20-Oct-15	20-Oct-15	10	105440	52.72000122	38100	19.04999924	67340	33.66999817	505.05
455803LF10/20/15	455803	KLH	20-Oct-15	20-Oct-15	10	110520	55.25999832	41500	20.75	69020	34.50999832	517.65
455802LF10/20/15	455802	KLH	20-Oct-15	20-Oct-15	10	107300	53.65000153	40500	20.25	66800	33.40000153	501
455801LF10/20/15	455801	KLH	20-Oct-15	20-Oct-15	10	99680	49.84000015	40280	20.13999939	59400	29.70000076	445.5
455800LF10/20/15	455800	KLH	20-Oct-15	20-Oct-15	10	108460	54.22999954	38500	19.25	69960	34.97999954	524.7
455798LF10/20/15	455798	KLH	20-Oct-15	20-Oct-15	10	103360	51.68000031	37900	18.95000076	65460	32.72999954	490.95
455734LF10/20/15	455734	KLH	20-Oct-15	20-Oct-15	7	105320	52.65999985	39500	19.75	65820	32.90999985	493.65
455733LF10/20/15	455733	KLH	20-Oct-15	20-Oct-15	4	106940	53.47000122	38100	19.04999924	68840	34.41999817	516.3
455795LF10/20/15	455795	KLH	20-Oct-15	20-Oct-15	10	108780	54.38999939	39800	19.89999962	68980	34.49000168	517.35
455794LF10/20/15	455794	KLH	20-Oct-15	20-Oct-15	9	104260	52.13000107	39500	19.75	64760	32.38000107	485.7
455793LF10/20/15	455793	KLH	20-Oct-15	20-Oct-15	9	101180	50.59000015	39520	19.76000023	61660	30.82999992	462.45
455792LF10/20/15	455792	KLH	20-Oct-15	20-Oct-15	9	106360	53.18000031	38120	19.05999947	68240	34.11999893	511.8
455791LF10/20/15	455791	KLH	20-Oct-15	20-Oct-15	9	106400	53.20000076	40500	20.25	65900	32.95000076	494.25
455789LF10/20/15	455789	KLH	20-Oct-15	20-Oct-15	9	106100	53.04999924	38100	19.04999924	68000	34	510
455787LF10/20/15	455787	KLH	20-Oct-15	20-Oct-15	9	101840	50.91999817	39580	19.79000092	62260	31.12999916	466.95
455786LF10/20/15	455786	KLH	20-Oct-15	20-Oct-15	9	109820	54.90999985	41500	20.75	68320	34.15999985	512.4
455785LF10/20/15	455785	KLH	20-Oct-15	20-Oct-15	9	109800	54.90000153	40500	20.25	69300	34.65000153	519.75
455784LF10/20/15	455784	KLH	20-Oct-15	20-Oct-15	9	108400	54.20000076	38500	19.25	69900	34.95000076	524.25
455783LF10/20/15	455783	KLH	20-Oct-15	20-Oct-15	9	99760	49.88000107	40280	20.13999939	59480	29.73999977	446.1
455782LF10/20/15	455782	KLH	20-Oct-15	20-Oct-15	9	103060	51.52999878	36900	18.45000076	66160	33.08000183	496.2
455781LF10/20/15	455781	KLH	20-Oct-15	20-Oct-15	9	105340	52.66999817	39800	19.89999962	65540	32.77000046	491.55
455779LF10/20/15	455779	KLH	20-Oct-15	20-Oct-15	9	105560	52.77999878	39500	19.75	66060	33.02999878	495.45
455777LF10/20/15	455777	KLH	20-Oct-15	20-Oct-15	9	103640	51.81999969	39520	19.76000023	64120	32.06000137	480.9
455770LF10/20/15	455770	KLH	20-Oct-15	20-Oct-15	9	102320	51.15999985	39580	19.79000092	62740	31.37000084	470.55
455768LF10/20/15	455768	KLH	20-Oct-15	20-Oct-15	9	105160	52.58000183	38100	19.04999924	67060	33.52999878	502.95
455767LF10/20/15	455767	KLH	20-Oct-15	20-Oct-15	9	108200	54.09999847	40500	20.25	67700	33.84999847	507.75
455766LF10/20/15	455766	KLH	20-Oct-15	20-Oct-15	9	105420	52.70999908	38120	19.05999947	67300	33.65000153	504.75
455886LF10/21/15	455886	KLH	21-Oct-15	21-Oct-15	11	104960	52.47999954	39500	19.75	65460	32.72999954	490.95
455885LF10/21/15	455885	KLH	21-Oct-15	21-Oct-15	10	99140	49.56999969	40500	20.25	58640	29.31999969	439.8
455881LF10/21/15	455881	KLH	21-Oct-15	21-Oct-15	10	104240	52.11999893	37900	18.95000076	66340	33.16999817	497.55
455880LF10/21/15	455880	KLH	21-Oct-15	21-Oct-15	9	98300	49.15000153	40500	20.25	57800	28.89999962	433.5
455879LF10/21/15	455879	KLH	21-Oct-15	21-Oct-15	9	103060	51.52999878	38500	19.25	64560	32.27999878	484.2
455878LF10/21/15	455878	KLH	21-Oct-15	21-Oct-15	9	104160	52.08000183	39800	19.89999962	64360	32.18000031	482.7
455877LF10/21/15	455877	KLH	21-Oct-15	21-Oct-15	9	98100	49.04999924	41500	20.75	56600	28.29999924	424.5
455875LF10/21/15	455875	KLH	21-Oct-15	21-Oct-15	9	102460	51.22999954	40280	20.13999939	62180	31.09000015	466.35
455873LF10/21/15	455873	KLH	21-Oct-15	21-Oct-15	9	104600	52.29999924	39580	19.79000092	65020	32.50999832	487.65
455872LF10/21/15	455872	KLH	21-Oct-15	21-Oct-15	9	104440	52.22000122	38100	19.04999924	66340	33.16999817	497.55
455871LF10/21/15	455871	KLH	21-Oct-15	21-Oct-15	9	105640	52.81999969	38120	19.05999947	67520	33.75999832	506.4
455870LF10/21/15	455870	KLH	21-Oct-15	21-Oct-15	9	102660	51.33000183	39500	19.75	63160	31.57999992	473.7
455868LF10/21/15	455868	KLH	21-Oct-15	21-Oct-15	9	106740	53.36999893	40500	20.25	66240	33.11999893	496.8
455866LF10/21/15	455866	KLH	21-Oct-15	21-Oct-15	9	97620	48.81000137	37900	18.95000076	59720	29.86000061	447.9
455864LF10/21/15	455864	KLH	21-Oct-15	21-Oct-15	9	102720	51.36000061	40500	20.25	62220	31.11000061	466.65
455862LF10/21/15	455862	KLH	21-Oct-15	21-Oct-15	8	103340	51.66999817	38500	19.25	64840	32.41999817	486.3
455859LF10/21/15	455859	KLH	21-Oct-15	21-Oct-15	8	105640	52.81999969	39800	19.89999962	65840	32.91999817	493.8
455858LF10/21/15	455858	KLH	21-Oct-15	21-Oct-15	8	101220	50.61000061	41500	20.75	59720	29.86000061	447.9
455857LF10/21/15	455857	KLH	21-Oct-15	21-Oct-15	8	99920	49.95999908	40280	20.13999939	59640	29.81999969	447.3
455856LF10/21/15	455856	KLH	21-Oct-15	21-Oct-15	8	104920	52.45999908	39580	19.79000092	65340	32.66999817	490.05
455854LF10/21/15	455854	KLH	21-Oct-15	21-Oct-15	8	105460	52.72999954	38100	19.04999924	67360	33.68000031	505.2
455853LF10/21/15	455853	KLH	21-Oct-15	21-Oct-15	8	105140	52.56999969	38120	19.05999947	67020	33.50999832	502.65
455851LF10/21/15	455851	KLH	21-Oct-15	21-Oct-15	8	106840	53.41999817	40500	20.25	66340	33.16999817	497.55
455850LF10/21/15	455850	KLH	21-Oct-15	21-Oct-15	8	102400	51.20000076	39500	19.75	62900	31.45000076	471.75
455840LF10/21/15	455840	KLH	21-Oct-15	21-Oct-15	6	104460	52.22999954	36900	18.45000076	67560	33.77999878	506.7
455839LF10/21/15	455839	KLH	21-Oct-15	21-Oct-15	6	109580	54.79000092	40500	20.25	69080	34.54000092	518.1
455838LF10/21/15	455838	KLH	21-Oct-15	21-Oct-15	6	106380	53.18999863	39800	19.89999962	66580	33.29000092	499.35
455837LF10/21/15	455837	KLH	21-Oct-15	21-Oct-15	6	103080	51.54000092	38500	19.25	64580	32.29000092	484.35
455835LF10/21/15	455835	KLH	21-Oct-15	21-Oct-15	6	107860	53.93000031	40500	20.25	67360	33.68000031	505.2
455834LF10/21/15	455834	KLH	21-Oct-15	21-Oct-15	6	104240	52.11999893	39500	19.75	64740	32.36999893	485.55
455833LF10/21/15	455833	KLH	21-Oct-15	21-Oct-15	6	106160	53.08000183	38120	19.05999947	68040	34.02000046	510.3
455832LF10/21/15	455832	KLH	21-Oct-15	21-Oct-15	6	106420	53.20999908	39580	19.79000092	66840	33.41999817	501.3
455831LF10/21/15	455831	KLH	21-Oct-15	21-Oct-15	6	104380	52.18999863	41500	20.75	62880	31.44000053	471.6
455830LF10/21/15	455830	KLH	21-Oct-15	21-Oct-15	6	104700	52.34999847	38100	19.04999924	66600	33.29999924	499.5
455829LF10/21/15	455829	KLH	21-Oct-15	21-Oct-15	6	105640	52.81999969	40280	20.13999939	65360	32.68000031	490.2
455828LF10/21/15	455828	KLH	21-Oct-15	21-Oct-15	5	111740	55.86999893	40280	20.13999939	71460	35.72999954	535.95
456006LF10/23/15	456006	KLH	23-Oct-15	23-Oct-15	11	106040	53.02000046	39800	19.89999962	66240	33.11999893	496.8
456004LF10/23/15	456004	KLH	23-Oct-15	23-Oct-15	11	106340	53.16999817	39500	19.75	66840	33.41999817	501.3
456003LF10/23/15	456003	KLH	23-Oct-15	23-Oct-15	11	105000	52.5	39580	19.79000092	65420	32.70999908	490.65
456002LF10/23/15	456002	KLH	23-Oct-15									

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TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
455993LF10/23/15	455993	KLH	23-Oct-15	23-Oct-15	9	104740	52.36999893	41500	20.75	63240	31.62000084	474.3
455991LF10/23/15	455991	KLH	23-Oct-15	23-Oct-15	9	105700	52.84999847	36900	18.45000076	68800	34.40000153	516
455990LF10/23/15	455990	KLH	23-Oct-15	23-Oct-15	9	103120	51.56000137	38500	19.25	64620	32.31000137	484.65
455987LF10/23/15	455987	KLH	23-Oct-15	23-Oct-15	9	108140	54.06999969	39800	19.89999962	68340	34.16999817	512.55
455986LF10/23/15	455986	KLH	23-Oct-15	23-Oct-15	9	105780	52.88999939	39500	19.75	66280	33.13999939	497.1
455985LF10/23/15	455985	KLH	23-Oct-15	23-Oct-15	9	99800	49.90000153	40280	20.13999939	59520	29.76000023	446.4
455984LF10/23/15	455984	KLH	23-Oct-15	23-Oct-15	9	108200	54.09999847	39580	19.79000092	68620	34.31000137	514.65
455983LF10/23/15	455983	KLH	23-Oct-15	23-Oct-15	9	104620	52.31000137	39500	19.75	65120	32.56000137	488.4
455981LF10/23/15	455981	KLH	23-Oct-15	23-Oct-15	9	105800	52.90000153	38100	19.04999924	67700	33.84999847	507.75
455980LF10/23/15	455980	KLH	23-Oct-15	23-Oct-15	9	106400	53.20000076	38120	19.05999947	68280	34.13999939	512.1
455977LF10/23/15	455977	KLH	23-Oct-15	23-Oct-15	8	101460	50.72999954	40500	20.25	60960	30.47999954	457.2
455976LF10/23/15	455976	KLH	23-Oct-15	23-Oct-15	8	107820	53.90999861	40500	20.25	67320	33.65999985	504.9
455974LF10/23/15	455974	KLH	23-Oct-15	23-Oct-15	8	102220	51.11000061	41500	20.75	60720	30.36000061	455.4
455970LF10/23/15	455970	KLH	23-Oct-15	23-Oct-15	8	108620	54.31000137	36900	18.45000076	71720	35.86000061	537.9
455969LF10/23/15	455969	KLH	23-Oct-15	23-Oct-15	8	102520	51.25999832	38500	19.25	64020	32.00999832	480.15
455968LF10/23/15	455968	KLH	23-Oct-15	23-Oct-15	8	107860	53.93000031	39800	19.89999962	68060	34.02999878	510.45
455967LF10/23/15	455967	KLH	23-Oct-15	23-Oct-15	8	102700	51.34999847	39500	19.75	63200	31.60000038	474
455965LF10/23/15	455965	KLH	23-Oct-15	23-Oct-15	8	100680	50.34000015	40280	20.13999939	60400	30.20000076	453
455964LF10/23/15	455964	KLH	23-Oct-15	23-Oct-15	8	103940	51.97000122	38100	19.04999924	65840	32.91999817	493.8
455963LF10/23/15	455963	KLH	23-Oct-15	23-Oct-15	8	103900	51.95000076	38120	19.05999947	65780	32.88999939	493.35
455962LF10/23/15	455962	KLH	23-Oct-15	23-Oct-15	8	104820	52.40999985	39580	19.79000092	65240	32.61999893	489.3
455961LF10/23/15	455961	KLH	23-Oct-15	23-Oct-15	8	105460	52.72999954	39500	19.75	65960	32.97999954	494.7
455960LF10/23/15	455960	KLH	23-Oct-15	23-Oct-15	8	95660	47.83000183	41500	20.75	54160	27.07999992	406.2
455959LF10/23/15	455959	KLH	23-Oct-15	23-Oct-15	7	101200	50.59999847	39500	19.75	61700	30.85000038	462.75
455958LF10/23/15	455958	KLH	23-Oct-15	23-Oct-15	7	104880	52.43999863	38500	19.25	66380	33.18999863	497.85
455954LF10/23/15	455954	KLH	23-Oct-15	23-Oct-15	7	106560	53.27999878	39800	19.89999962	66760	33.38000107	500.7
455953LF10/23/15	455953	KLH	23-Oct-15	23-Oct-15	7	103380	51.68999863	36900	18.45000076	66480	33.24000168	498.6
455762LF10/20/15	455762	KLH	20-Oct-15	20-Oct-15	8	97340	48.66999817	36980	18.48999977	60360	30.18000031	452.7
455760LF10/20/15	455760	KLH	20-Oct-15	20-Oct-15	8	104500	52.25	41500	20.75	63000	31.5	472.5
455757LF10/20/15	455757	KLH	20-Oct-15	20-Oct-15	8	103920	51.95999908	39580	19.79000092	64340	32.16999817	482.55
455756LF10/20/15	455756	KLH	20-Oct-15	20-Oct-15	8	106780	53.38999939	39520	19.76000023	67260	33.63000107	504.45
455752LF10/20/15	455752	KLH	20-Oct-15	20-Oct-15	8	106980	53.49000168	39500	19.75	67480	33.74000168	506.1
455750LF10/20/15	455750	KLH	20-Oct-15	20-Oct-15	8	105600	52.79999924	38100	19.04999924	67500	33.75	506.25
455748LF10/20/15	455748	KLH	20-Oct-15	20-Oct-15	8	106020	53.00999832	38120	19.05999947	67900	33.95000076	509.25
455745LF10/20/15	455745	KLH	20-Oct-15	20-Oct-15	8	109500	54.75	40500	20.25	69000	34.5	517.5
455741LF10/20/15	455741	KLH	20-Oct-15	20-Oct-15	7	105700	52.84999847	36900	18.45000076	68800	34.40000153	516
455738LF10/20/15	455738	KLH	20-Oct-15	20-Oct-15	7	104960	52.47999954	41500	20.75	63460	31.72999954	475.95
455737LF10/20/15	455737	KLH	20-Oct-15	20-Oct-15	7	104080	52.04000092	39580	19.79000092	64500	32.25	483.75
455735LF10/20/15	455735	KLH	20-Oct-15	20-Oct-15	7	107000	53.5	39520	19.76000023	67480	33.74000168	506.1
455731LF10/19/15	455731	KLH	19-Oct-15	19-Oct-15	10	104760	52.38000107	38120	19.05999947	66640	33.31999969	499.8
455729LF10/19/15	455729	KLH	19-Oct-15	19-Oct-15	10	100980	50.49000168	40500	20.25	60480	30.23999977	453.6
455726LF10/19/15	455726	KLH	19-Oct-15	19-Oct-15	9	87640	43.81999969	36980	18.48999977	50660	25.32999992	379.95
455723LF10/19/15	455723	KLH	19-Oct-15	19-Oct-15	9	99980	49.99000168	39580	19.79000092	60400	30.20000076	453
455722LF10/19/15	455722	KLH	19-Oct-15	19-Oct-15	9	103520	51.75999832	41500	20.75	62020	31.01000023	465.15
455721LF10/19/15	455721	KLH	19-Oct-15	19-Oct-15	9	98840	49.41999817	39520	19.76000023	59320	29.65999985	444.9
455720LF10/19/15	455720	KLH	19-Oct-15	19-Oct-15	9	103360	51.68000031	39500	19.75	63860	31.93000031	478.95
455718LF10/19/15	455718	KLH	19-Oct-15	19-Oct-15	9	104540	52.27000046	38100	19.04999924	66440	33.22000122	498.3
455717LF10/19/15	455717	KLH	19-Oct-15	19-Oct-15	9	106380	53.18999863	38120	19.05999947	68260	34.13000107	511.95
455715LF10/19/15	455715	KLH	19-Oct-15	19-Oct-15	9	106940	53.47000122	40500	20.25	66440	33.22000122	498.3
455704LF10/19/15	455704	KLH	19-Oct-15	19-Oct-15	6	104740	52.36999893	38120	19.05999947	66260	33.31000137	499.65
455702LF10/19/15	455702	KLH	19-Oct-15	19-Oct-15	6	105080	52.54000092	40500	20.25	64580	32.29000092	484.35
455698LF10/19/15	455698	KLH	19-Oct-15	19-Oct-15	5	104560	52.27999878	39260	19.62999916	65300	32.65000153	489.75
455695LF10/19/15	455695	KLH	19-Oct-15	19-Oct-15	5	104320	52.15999985	38120	19.05999947	66200	33.09999847	496.5
455694LF10/19/15	455694	KLH	19-Oct-15	19-Oct-15	5	108160	54.08000183	40500	20.25	67660	33.83000183	507.45
455687LF10/19/15	455687	KLH	19-Oct-15	19-Oct-15	4	102900	51.45000076	39260	19.62999916	63640	31.81999969	477.3
455646LF10/16/15	455646	KLH	16-Oct-15	16-Oct-15	4	107740	53.86999893	38120	19.05999947	69620	34.81000137	522.15
455643LF10/16/15	455643	KLH	16-Oct-15	16-Oct-15	4	105120	52.56000137	40500	20.25	64620	32.31000137	484.65
456114LF10/28/15	456114	KLH	28-Oct-15	28-Oct-15	5	100000	50	40280	20.13999939	59720	29.86000061	447.9
456113LF10/28/15	456113	KLH	28-Oct-15	28-Oct-15	5	106180	53.09000015	38120	19.05999947	68060	34.02999878	510.45
456105LF10/27/15	456105	KLH	27-Oct-15	27-Oct-15	11	108060	54.02999878	40600	20.29999924	67460	33.72999954	505.95
456102LF10/27/15	456102	KLH	27-Oct-15	27-Oct-15	11	102260	51.13000107	40280	20.13999939	61980	30.98999977	464.85
456101LF10/27/15	456101	KLH	27-Oct-15	27-Oct-15	11	107340	53.66999817	38120	19.05999947	69220	34.61000061	519.15
456099LF10/27/15	456099	KLH	27-Oct-15	27-Oct-15	11	109400	54.70000076	40500	20.25	68900	34.45000076	516.75
456082LF10/27/15	456082	KLH	27-Oct-15	27-Oct-15	9	109300	54.65000153	40600	20.29999924	68700	34.34999847	515.25
456080LF10/27/15	456080	KLH	27-Oct-15	27-Oct-15	9	103340	51.66999817	40280	20.13999939	63060	31.53000069	472.95
456079LF10/27/15	456079	KLH	27-Oct-15	27-Oct-15	9	107340	53.66999817	38120	19.05999947	69220	34.61000061	519.15
456075LF10/27/15	456075	KLH	27-Oct-15	27-Oct-15	9	102720	51.36000061	40500	20.25	62220	31.11000061	466.65
456071LF10/27/15	456071	KLH	27-Oct-15	27-Oct-15	5	107000	53.5	40280	20.13999939	66720	33.36000061	500.4
456070LF10/27/15	456070	KLH	27-Oct-15	27-Oct-15	4	106220	53.11000061	38120	19.05999947	68100	34.04999924	510.75
456069LF10/27/15	456069	KLH	27-Oct-15	27-Oct-15	4	109740	54.86999893	40600	20.29999924	69140	34.56999969	518.55
456068LF10/27/15	456068	KLH	27-Oct-15	27-Oct-15	4	107360	53.68000031	40500	20.25	66860	33.43000031	501.45
455824LF10/21/15	455824	KLH	21-Oct-15	21-Oct-15	5	108960	54.47999954	38500	19.25	70460	35.22999954	528.45
455821LF10/21/15	455821	KLH	21-Oct-15	21-Oct-15	5	103000	51.5	37900	18.95000076	65100	32.54999924	488.25
455815LF10/21/15	455815	KLH	21-Oct-15	21-Oct-15	4	101960	50.97999954	39520	19.76000023	62440	31.21999931	468.3
455814LF10/21/15	455814	KLH	21-Oct-15	21-Oct-15	4	104100	52.04999924	39800	19.89999962	64300	32.15000153	482.25
456036LF10/26/15	456036	KLH	26-Oct-15	26-Oct-15	9	101540	50.77000046	40280	20.13999939	61260	30.62999916	459.45
456035LF10/26/15	456035	KLH	26-Oct-15	26-Oct-15	9	107460	53.72999954	38120	19.05999947	69340	34.66999817	520.05
456033LF10/26/15	456033	KLH	26-Oct-15	26-Oct-15								

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TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
455949LF10/23/15	455949	KLH	23-Oct-15	23-Oct-15	5	104620	52.31000137	38100	19.04999924	66520	33.25999832	498.9
455948LF10/23/15	455948	KLH	23-Oct-15	23-Oct-15	5	106620	53.31000137	40280	20.13999939	66340	33.16999817	497.55
455945LF10/23/15	455945	KLH	23-Oct-15	23-Oct-15	5	103860	51.93000031	38120	19.05999947	65740	32.86999893	493.05
455944LF10/23/15	455944	KLH	23-Oct-15	23-Oct-15	5	103120	51.56000137	39580	19.79000092	63540	31.77000046	476.55
455942LF10/23/15	455942	KLH	23-Oct-15	23-Oct-15	5	103360	51.68000031	40500	20.25	62860	31.43000031	471.45
455941LF10/23/15	455941	KLH	23-Oct-15	23-Oct-15	4	104320	52.15999985	39500	19.75	64820	32.40999985	486.15
455940LF10/23/15	455940	KLH	23-Oct-15	23-Oct-15	4	101660	50.83000183	41500	20.75	60160	30.07999992	451.2
455939LF10/23/15	455939	KLH	23-Oct-15	23-Oct-15	4	105460	52.72999954	39500	19.75	65960	32.97999954	494.7
455938LF10/22/15	455938	KLH	22-Oct-15	22-Oct-15	11	106260	53.13000107	40500	20.25	65760	32.88000107	493.2
455937LF10/22/15	455937	KLH	22-Oct-15	22-Oct-15	11	105920	52.95999908	38500	19.25	67420	33.70999908	505.65
455936LF10/22/15	455936	KLH	22-Oct-15	22-Oct-15	11	105060	52.52999878	39800	19.89999962	65260	32.63000107	489.45
455933LF10/22/15	455933	KLH	22-Oct-15	22-Oct-15	11	104940	52.47000122	36900	18.45000076	68040	34.02000046	510.3
455932LF10/22/15	455932	KLH	22-Oct-15	22-Oct-15	10	100840	50.41999817	40280	20.13999939	60560	30.28000069	454.2
455930LF10/22/15	455930	KLH	22-Oct-15	22-Oct-15	10	106060	53.02999878	38100	19.04999924	67960	33.97999954	509.7
455929LF10/22/15	455929	KLH	22-Oct-15	22-Oct-15	10	105820	52.90999985	38120	19.05999947	67700	33.84999847	507.75
455897LF10/22/15	455897	KLH	22-Oct-15	22-Oct-15	8	102320	51.15999985	38500	19.25	63820	31.90999985	478.65
455896LF10/22/15	455896	KLH	22-Oct-15	22-Oct-15	8	104900	52.45000076	39800	19.89999962	65100	32.54999924	488.25
455895LF10/22/15	455895	KLH	22-Oct-15	22-Oct-15	8	102980	51.49000168	40280	20.13999939	62700	31.35000038	470.25
455894LF10/22/15	455894	KLH	22-Oct-15	22-Oct-15	8	98880	49.43999863	41500	20.75	57380	28.69000053	430.35
455890LF10/22/15	455890	KLH	22-Oct-15	22-Oct-15	5	105920	52.95999908	39580	19.79000092	65340	33.16999817	497.55
455889LF10/22/15	455889	KLH	22-Oct-15	22-Oct-15	4	104840	52.41999817	38100	19.04999924	66740	33.36999893	500.55
455888LF10/22/15	455888	KLH	22-Oct-15	22-Oct-15	4	104580	52.29000092	38120	19.05999947	66460	33.22999954	498.45
455674LF10/16/15	455674	KLH	16-Oct-15	16-Oct-15	9	107020	53.50999832	38120	19.05999947	68900	34.45000076	516.75
455673LF10/16/15	455673	KLH	16-Oct-15	16-Oct-15	9	105780	52.88999939	40500	20.25	65280	32.63999939	489.6
455664LF10/16/15	455664	KLH	16-Oct-15	16-Oct-15	8	105120	52.56000137	39260	19.62999916	65860	32.93000031	493.95
455663LF10/16/15	455663	KLH	16-Oct-15	16-Oct-15	8	108320	54.15999985	38120	19.05999947	70200	35.09999847	526.5
455662LF10/16/15	455662	KLH	16-Oct-15	16-Oct-15	8	102100	51.04999924	40500	20.25	61600	30.79999924	462
455650LF10/16/15	455650	KLH	16-Oct-15	16-Oct-15	5	104520	52.25999832	39260	19.62999916	65260	32.63000107	489.45
455627LF10/15/15	455627	KLH	15-Oct-15	15-Oct-15	11	107140	53.56999969	38120	19.05999947	69020	34.50999832	517.65
455619LF10/15/15	455619	KLH	15-Oct-15	15-Oct-15	10	101120	50.56000137	40500	20.25	60620	30.30999947	454.65
455613LF10/15/15	455613	KLH	15-Oct-15	15-Oct-15	10	104620	52.31	47360	23.68	57260	28.63	429.45
455598LF10/15/15	455598	KLH	15-Oct-15	15-Oct-15	9	106200	53.09999847	38120	19.05999947	68080	34.04000092	510.6
455597LF10/15/15	455597	KLH	15-Oct-15	15-Oct-15	9	102040	51.02000046	40500	20.25	61540	30.77000046	461.55
455139LF09/25/15	455139	RDR	25-Sep-15	25-Sep-15	10	61840	30.92	40700	20.35	21140	10.57	158.55
455137LF09/25/15	455137	RDR	25-Sep-15	25-Sep-15	5	84260	42.13000107	40800	20.39999962	43460	21.72999954	325.95
455136LF09/25/15	455136	RDR	25-Sep-15	25-Sep-15	5	84260	42.13	43460	21.73	40800	20.4	306
455129LF09/25/15	455129	RDR	25-Sep-15	25-Sep-15	5	106860	53.43	40700	20.35	66160	33.08	496.2
455126LF09/25/15	455126	RDR	25-Sep-15	25-Sep-15	5	108000	54	40800	20.39999962	67200	33.59999847	504
455106LF09/25/15	455106	RDR	25-Sep-15	25-Sep-15	4	75460	37.73	40700	20.35	34760	17.38	260.7
454853LF09/15/15	454853	KLH	15-Sep-15	15-Sep-15	9	51460	25.73	38120	19.06	13340	6.67	100.05
454764LF09/11/15	454764	KLH	11-Sep-15	11-Sep-15	6	108040	54.02	38120	19.06	69920	34.96	524.4
454661LF09/07/15	454661	KLH	07-Sep-15	07-Sep-15	6	108500	54.25	40280	20.13999939	68220	34.11000061	511.65
454658LF09/07/15	454658	KLH	07-Sep-15	07-Sep-15	6	106180	53.09000015	38120	19.05999947	68060	34.02999878	510.45
454652LF09/07/15	454652	KLH	07-Sep-15	07-Sep-15	6	105660	52.83000183	38500	19.25	67160	33.58000183	503.7
454650LF09/07/15	454650	KLH	07-Sep-15	07-Sep-15	5	107480	53.74000168	40280	20.13999939	67200	33.59999847	504
454647LF09/07/15	454647	KLH	07-Sep-15	07-Sep-15	5	106500	53.25	38120	19.05999947	68380	34.18999863	512.85
454646LF09/07/15	454646	KLH	07-Sep-15	07-Sep-15	5	110940	55.47000122	39800	19.89999962	71140	35.56999969	533.55
454640LF09/07/15	454640	KLH	07-Sep-15	07-Sep-15	5	106580	53.29000092	38500	19.25	68080	34.04000092	510.6
454635LF09/07/15	454635	KLH	07-Sep-15	07-Sep-15	4	107140	53.56999969	38120	19.05999947	69020	34.50999832	517.65
454633LF09/07/15	454633	KLH	07-Sep-15	07-Sep-15	3	104300	52.15000153	39800	19.89999962	64500	32.25	483.75
454626LF09/03/15	454626	KLH	03-Sep-15	03-Sep-15	11	105360	52.68000031	38120	19.05999947	67240	33.61999893	504.3
454623LF09/03/15	454623	KLH	03-Sep-15	03-Sep-15	11	105280	52.63999939	39800	19.89999962	65480	32.74000168	491.1
454619LF09/03/15	454619	KLH	03-Sep-15	03-Sep-15	10	107260	53.63000107	38500	19.25	68760	34.38000107	515.7
454612LF09/03/15	454612	KLH	03-Sep-15	03-Sep-15	9	104180	52.09000015	38120	19.05999947	66060	33.02999878	495.45
454609LF09/03/15	454609	KLH	03-Sep-15	03-Sep-15	9	106560	53.27999878	39800	19.89999962	66760	33.38000107	500.7
454605LF09/03/15	454605	KLH	03-Sep-15	03-Sep-15	8	106900	53.45000076	38500	19.25	68400	34.20000076	513
454472LF08/31/15	454472	KLH	31-Aug-15	31-Aug-15	4	102940	51.47000122	39800	19.89999962	63140	31.56999969	473.55
454373LF08/27/15	454373	KLH	27-Aug-15	27-Aug-15	8	103620	51.81000137	38600	19.29999924	65020	32.50999832	487.65
454364LF08/27/15	454364	KLH	27-Aug-15	27-Aug-15	7	103140	51.56999969	38120	19.05999947	65020	32.50999832	487.65
454363LF08/27/15	454363	KLH	27-Aug-15	27-Aug-15	7	106400	53.20000076	38600	19.29999924	67800	33.90000153	508.5
454359LF08/26/15	454359	KLH	26-Aug-15	26-Aug-15	9	107460	53.72999954	39700	19.85000038	67760	33.88000107	508.2
454354LF08/26/15	454354	KLH	26-Aug-15	26-Aug-15	6	102200	51.09999847	38120	19.05999947	64080	32.04000092	480.6
454352LF08/26/15	454352	KLH	26-Aug-15	26-Aug-15	6	108440	54.22000122	38600	19.29999924	69840	34.91999817	523.8
454321LF08/25/15	454321	KLH	25-Aug-15	25-Aug-15	9	104580	52.29000092	38600	19.29999924	65980	32.99000168	494.85
454311LF08/25/15	454311	KLH	25-Aug-15	25-Aug-15	5	111000	55.5	38600	19.29999924	72400	36.20000076	543
454295LF08/24/15	454295	KLH	24-Aug-15	24-Aug-15	11	104500	52.25	38600	19.29999924	65900	32.95000076	494.25
454284LF08/24/15	454284	KLH	24-Aug-15	24-Aug-15	10	106060	53.02999878	38600	19.29999924	67460	33.72999954	505.95
454275LF08/24/15	454275	KLH	24-Aug-15	24-Aug-15	6	111920	55.95999908	38600	19.29999924	73320	36.65999985	549.9
454331LF08/26/15	454331	KLH	26-Aug-15	26-Aug-15	4	107640	53.81999969	38600	19.29999924	69040	34.52000046	517.8
454257LF08/24/15	454257	KLH	24-Aug-15	24-Aug-15	5	108220	54.11000061	40700	20.35000038	67520	33.75999832	506.4
454255LF08/24/15	454255	KLH	24-Aug-15	24-Aug-15	5	112700	56.34999847	39600	19.79999924	73100	36.54999924	548.25
454254LF08/24/15	454254	KLH	24-Aug-15	24-Aug-15	5	106420	53.20999908	39700	19.85000038	66720	33.36000061	500.4
454253LF08/24/15	454253	KLH	24-Aug-15	24-Aug-15	4	105920	52.95999908	40800	20.39999962	65120	32.56000137	488.4
454252LF08/24/15	454252	KLH	24-Aug-15	24-Aug-15	4	106120	53.06000137	38600	19.29999924	67520	33.75999832	506.4
454247LF08/24/15	454247	KLH	24-Aug-15	24-Aug-15	4	104580	52.29	40800	20.4	63780	31.89	478.35
454599LF09/03/15	454599	KLH	03-Sep-15	03-Sep-15	8	106320	53.15999985	39800	19.89999962	66520	33.25999832	498.9
454598LF09/03/15	454598	KLH	03-Sep-15	03-Sep-15	7	104820	52.40999985	38120	19.05999947	66700	33.34999847	500.25
454592LF09/03/15	454592	KLH	03-Sep-15	03-Sep-15	7	107560	53.77999878	38500				

Summary of Soil Disposal Manifest
Restover Truck Stop

TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
454541LF09/01/15	454541	KLH	01-Sep-15	01-Sep-15	10	105640	52.81999969	38120	19.05999947	67520	33.75999832	506.4
454540LF09/01/15	454540	KLH	01-Sep-15	01-Sep-15	10	107040	53.52000046	39800	19.89999962	67240	33.61999893	504.3
454534LF09/01/15	454534	KLH	01-Sep-15	01-Sep-15	8	105380	52.68999863	38500	19.25	66880	33.43999863	501.6
454530LF09/01/15	454530	KLH	01-Sep-15	01-Sep-15	8	104880	52.43999863	38120	19.05999947	66760	33.38000107	500.7
454529LF09/01/15	454529	KLH	01-Sep-15	01-Sep-15	8	105880	52.93999863	39800	19.89999962	66080	33.04000092	495.6
454525LF09/01/15	454525	KLH	01-Sep-15	01-Sep-15	8	104840	52.41999817	38500	19.25	66340	33.16999817	497.55
454519LF09/01/15	454519	KLH	01-Sep-15	01-Sep-15	8	105580	52.79000092	38120	19.05999947	67460	33.72999954	505.95
454518LF09/01/15	454518	KLH	01-Sep-15	01-Sep-15	7	103340	51.66999817	39800	19.89999962	63540	31.77000046	476.55
454514LF09/01/15	454514	KLH	01-Sep-15	01-Sep-15	7	103380	51.68999863	38500	19.25	64880	32.43999863	486.6
454506LF08/31/15	454506	KLH	31-Aug-15	31-Aug-15	10	107460	53.72999954	38500	19.25	68960	34.47999954	517.2
454494LF08/31/15	454494	KLH	31-Aug-15	31-Aug-15	10	108560	54.27999878	38120	19.05999947	70440	35.22000122	528.3
454487LF08/31/15	454487	KLH	31-Aug-15	31-Aug-15	10	105900	52.95000076	39800	19.89999962	66100	33.04999924	495.75
454479LF08/31/15	454479	KLH	31-Aug-15	31-Aug-15	9	99160	49.58	39960	19.98	59200	29.6	444
454476LF08/31/15	454476	KLH	31-Aug-15	31-Aug-15	5	105900	52.95000076	38500	19.25	67400	33.70000076	505.5
454474LF08/31/15	454474	KLH	31-Aug-15	31-Aug-15	5	108380	54.18999863	38120	19.05999947	70260	35.13000107	526.95
454378LF08/27/15	454378	KLH	27-Aug-15	27-Aug-15	9	99180	49.59000015	40800	20.39999962	58380	29.19000053	437.85
454376LF08/27/15	454376	KLH	27-Aug-15	27-Aug-15	9	105140	52.56999969	38120	19.05999947	67020	33.50999832	502.65
454244LF08/21/15	454244	KLH	21-Aug-15	21-Aug-15	11	109920	54.95999908	42120	21.05999947	67800	33.90000153	508.5
454092LF08/20/15	454092	KLH	20-Aug-15	20-Aug-15	3	106960	53.47999954	39700	19.85000038	67260	33.63000107	504.45
454229LF08/21/15	454229	KLH	21-Aug-15	21-Aug-15	11	105980	52.99000168	39800	19.89999962	66180	33.09000015	496.35
454225LF08/21/15	454225	KLH	21-Aug-15	21-Aug-15	11	109300	54.65000153	41000	20.5	68300	34.15000153	512.25
454224LF08/21/15	454224	KLH	21-Aug-15	21-Aug-15	10	114080	57.04000092	39100	19.54999924	74980	37.49000168	562.35
454220LF08/21/15	454220	KLH	21-Aug-15	21-Aug-15	4	100880	50.43999863	41000	20.5	59880	29.94000053	449.1
454217LF08/21/15	454217	KLH	21-Aug-15	21-Aug-15	4	104180	52.09000015	39700	19.85000038	64480	32.24000168	483.6
454213LF08/21/15	454213	KLH	21-Aug-15	21-Aug-15	4	108040	54.02000046	40500	20.25	67540	33.77000046	506.55
454212LF08/21/15	454212	KLH	21-Aug-15	21-Aug-15	4	104840	52.41999817	38500	19.25	66340	33.16999817	497.55
454243LF08/21/15	454243	KLH	21-Aug-15	21-Aug-15	11	103980	51.99000168	39800	19.89999962	64180	32.09000015	481.35
454241LF08/21/15	454241	KLH	21-Aug-15	21-Aug-15	11	107680	53.84000015	41000	20.5	66680	33.34000015	500.1
454240LF08/21/15	454240	KLH	21-Aug-15	21-Aug-15	11	114380	57.18999863	39900	19.95000076	74480	37.24000168	558.6
454239LF08/21/15	454239	KLH	21-Aug-15	21-Aug-15	11	106840	53.41999817	39700	19.85000038	67140	33.56999969	503.55
454238LF08/21/15	454238	KLH	21-Aug-15	21-Aug-15	11	106400	53.20000076	38500	19.25	67900	33.95000076	509.25
454237LF08/21/15	454237	KLH	21-Aug-15	21-Aug-15	11	112100	56.04999924	40500	20.25	71600	35.79999924	537
454235LF08/21/15	454235	KLH	21-Aug-15	21-Aug-15	11	110120	55.06000137	38600	19.29999924	71520	35.75999832	536.4
454230LF08/21/15	454230	KLH	21-Aug-15	21-Aug-15	11	106520	53.25999832	42120	21.05999947	64400	32.20000076	483
454581LF09/02/15	454581	KLH	02-Sep-15	02-Sep-15	11	109680	54.84000015	38500	19.25	71180	35.59000015	533.85
454573LF09/02/15	454573	KLH	02-Sep-15	02-Sep-15	7	104820	52.40999985	38120	19.05999947	66700	33.34999847	500.25
454572LF09/02/15	454572	KLH	02-Sep-15	02-Sep-15	7	107060	53.69999878	39800	19.89999962	67260	33.63000107	504.45
454569LF09/02/15	454569	KLH	02-Sep-15	02-Sep-15	7	103960	51.97999954	38500	19.25	65460	32.72999954	490.95
454564LF09/02/15	454564	KLH	02-Sep-15	02-Sep-15	5	106960	53.47999954	38120	19.05999947	68840	34.41999817	516.3
454563LF09/02/15	454563	KLH	02-Sep-15	02-Sep-15	5	109320	54.65999985	39800	19.89999962	69520	34.75999832	521.4
454509LF09/01/15	454509	KLH	01-Sep-15	01-Sep-15	7	105940	52.97000122	38120	19.05999947	67820	33.90999985	508.65
454508LF09/01/15	454508	KLH	01-Sep-15	01-Sep-15	6	106760	53.38	39800	19.9	66960	33.48	502.2
454555LF09/02/15	454555	KLH	02-Sep-15	02-Sep-15	4	104300	52.15000153	38500	19.25	65800	32.90000153	493.5
454552LF09/02/15	454552	KLH	02-Sep-15	02-Sep-15	4	107200	53.59999847	38120	19.05999947	69080	34.54000092	518.1
454551LF09/02/15	454551	KLH	02-Sep-15	02-Sep-15	4	104180	52.09000015	39800	19.89999962	64380	32.18999863	482.85
454550LF09/02/15	454550	KLH	02-Sep-15	02-Sep-15	4	108820	54.40999985	38500	19.25	70320	35.15999985	527.4
453951LF08/14/15	453951	RDR	14-Aug-15	14-Aug-15	7	107340	53.66999817	40280	20.13999939	67060	33.52999878	502.95
453949LF08/14/15	453949	RDR	14-Aug-15	14-Aug-15	7	107040	53.52000046	38120	19.05999947	68920	34.45999908	516.9
453947LF08/14/15	453947	RDR	14-Aug-15	14-Aug-15	7	108220	54.11000061	39800	19.89999962	68420	34.20999908	513.15
453870LF08/13/15	453870	KLH	13-Aug-15	13-Aug-15	9	106360	53.18000031	39800	19.89999962	66560	33.27999878	499.2
453865LF08/13/15	453865	KLH	13-Aug-15	13-Aug-15	8	96460	48.22999954	40280	20.13999939	56180	28.09000015	421.35
453863LF08/13/15	453863	KLH	13-Aug-15	13-Aug-15	8	107220	53.61000061	39800	19.89999962	67420	33.70999908	505.65
453862LF08/13/15	453862	KLH	13-Aug-15	13-Aug-15	8	108440	54.22000122	42120	21.05999947	66320	33.15999985	497.4
453861LF08/13/15	453861	KLH	13-Aug-15	13-Aug-15	8	105980	52.99000168	38120	19.05999947	67860	33.93000031	508.95
453848LF08/13/15	453848	KLH	13-Aug-15	13-Aug-15	7	105780	52.88999939	38120	19.05999947	67660	33.83000183	507.45
453919LF08/13/15	453919	KLH	13-Aug-15	13-Aug-15	11	104680	52.34000015	38120	19.05999947	66560	33.27999878	499.2
453918LF08/13/15	453918	KLH	13-Aug-15	13-Aug-15	11	105260	52.63000107	39800	19.89999962	65460	32.72999954	490.95
453913LF08/13/15	453913	KLH	13-Aug-15	13-Aug-15	11	103960	51.97999954	40000	20	63960	31.97999954	479.7
453911LF08/13/15	453911	KLH	13-Aug-15	13-Aug-15	11	106600	53.29999924	40500	20.25	66100	33.04999924	495.75
453910LF08/13/15	453910	KLH	13-Aug-15	13-Aug-15	11	102980	51.49000168	38500	19.25	64480	32.24000168	483.6
453854LF08/13/15	453854	KLH	13-Aug-15	13-Aug-15	7	114600	57.29999924	41000	20.5	73600	36.79999924	552
453852LF08/13/15	453852	KLH	13-Aug-15	13-Aug-15	7	110440	55.22000122	42120	21.05999947	68320	34.15999985	512.4
453851LF08/13/15	453851	KLH	13-Aug-15	13-Aug-15	7	106660	53.33000183	40280	20.13999939	66380	33.18999863	497.85
453849LF08/13/15	453849	KLH	13-Aug-15	13-Aug-15	7	111720	55.86000061	37420	18.70999908	74300	37.15000153	557.25
453836LF08/12/15	453836	KLH	12-Aug-15	12-Aug-15	11	106600	53.29999924	39800	19.89999962	66800	33.40000153	501
453835LF08/12/15	453835	KLH	12-Aug-15	12-Aug-15	11	109400	54.70000076	41000	20.5	68400	34.20000076	513
453833LF08/12/15	453833	KLH	12-Aug-15	12-Aug-15	11	109840	54.91999817	39800	19.89999962	70040	35.02000046	525.3
453832LF08/12/15	453832	KLH	12-Aug-15	12-Aug-15	11	114640	57.31999969	39800	19.89999962	74840	37.41999817	561.3
453830LF08/12/15	453830	KLH	12-Aug-15	12-Aug-15	11	105940	52.97000122	40000	20	65940	32.97000122	494.55
453829LF08/12/15	453829	KLH	12-Aug-15	12-Aug-15	10	108580	54.29000092	40700	20.35000038	67880	33.93999863	509.1
453826LF08/12/15	453826	KLH	12-Aug-15	12-Aug-15	10	110020	55.00999832	41000	20.5	69020	34.50999832	517.65
453824LF08/12/15	453824	KLH	12-Aug-15	12-Aug-15	10	106320	53.15999985	42120	21.05999947	64200	32.09999847	481.5
453822LF08/12/15	453822	KLH	12-Aug-15	12-Aug-15	10	109980	54.99000168	40280	20.13999939	69700	34.84999847	522.75
453821LF08/12/15	453821	KLH	12-Aug-15	12-Aug-15	10	113040	56.52000046	37420	18.70999908	75620	37.81000137	567.15
453820LF08/12/15	453820	KLH	12-Aug-15	12-Aug-15	10	108240	54.11999893	38120	19.05999947	70120	35.06000137	525.9
453819LF08/12/15	453819	KLH	12-Aug-15	12-Aug-15	10	108440	54.22000122	39800	19.89999962	68640	34.31999969	514.8
453813LF08/12/15	453813	KLH	12-Aug-15	12-Aug-15	10	106920	53.45999908	41000	20.5	65920	32.95999908	494.4

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TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
453803LF08/12/15	453803	KLH	12-Aug-15	12-Aug-15	5	108520	54.25999832	39800	19.89999962	68720	34.36000061	515.4
453801LF08/12/15	453801	KLH	12-Aug-15	12-Aug-15	4	115500	57.75	41000	20.5	74500	37.25	558.75
453800LF08/12/15	453800	KLH	12-Aug-15	12-Aug-15	4	103520	51.75999832	42000	21	61520	30.76000023	461.4
453798LF08/12/15	453798	KLH	12-Aug-15	12-Aug-15	4	105660	52.83000183	41000	20.5	64660	32.33000183	484.95
453751LF08/11/15	453751	KLH	11-Aug-15	11-Aug-15	9	108000	54	38120	19.05999947	69880	34.93999863	524.1
453750LF08/11/15	453750	KLH	11-Aug-15	11-Aug-15	8	110640	55.31999969	39800	19.89999962	70840	35.41999817	531.3
453744LF08/11/15	453744	KLH	11-Aug-15	11-Aug-15	7	107480	53.74000168	37420	18.70999908	70060	35.02999878	525.45
453742LF08/11/15	453742	KLH	11-Aug-15	11-Aug-15	7	110540	55.27000046	38600	19.29999924	71940	35.97000122	539.55
453739LF08/11/15	453739	KLH	11-Aug-15	11-Aug-15	7	500	0.25	420	0.209999993	80	0.039999999	0.6
453738LF08/11/15	453738	KLH	11-Aug-15	11-Aug-15	7	115000	57.5	39540	19.77000046	75460	37.72999954	565.95
453737LF08/11/15	453737	KLH	11-Aug-15	11-Aug-15	7	114660	57.33000183	42120	21.05999947	72540	36.27000046	544.05
453736LF08/11/15	453736	KLH	11-Aug-15	11-Aug-15	7	105640	52.81999969	38120	19.05999947	67520	33.75999832	506.4
453734LF08/11/15	453734	KLH	11-Aug-15	11-Aug-15	7	110380	55.18999863	39800	19.89999962	70580	35.29000092	529.35
453733LF08/11/15	453733	KLH	11-Aug-15	11-Aug-15	7	106840	53.41999817	41000	20.5	65840	32.91999817	493.8
453732LF08/11/15	453732	KLH	11-Aug-15	11-Aug-15	7	105740	52.86999893	40000	20	65740	32.86999893	493.05
453731LF08/11/15	453731	KLH	11-Aug-15	11-Aug-15	7	105120	52.56000137	40500	20.25	64620	32.31000137	484.65
453725LF08/11/15	453725	KLH	11-Aug-15	11-Aug-15	7	105800	52.90000153	37420	18.70999908	68380	34.18999863	512.85
453723LF08/11/15	453723	KLH	11-Aug-15	11-Aug-15	7	94200	47.09999847	41000	20.5	53200	26.60000038	399
453720LF08/11/15	453720	KLH	11-Aug-15	11-Aug-15	6	105840	52.91999817	42120	21.05999947	63720	31.86000061	477.9
453797LF08/12/15	453797	KLH	12-Aug-15	12-Aug-15	3	115140	57.56999969	39500	19.75	75640	37.81999969	567.3
453908LF08/13/15	453908	KLH	13-Aug-15	13-Aug-15	11	101260	50.63000107	41000	20.5	60260	30.12999916	451.95
453907LF08/13/15	453907	KLH	13-Aug-15	13-Aug-15	11	105200	52.59999847	39800	19.89999962	65400	32.70000076	490.5
453903LF08/13/15	453903	KLH	13-Aug-15	13-Aug-15	11	102060	51.02999878	41000	20.5	61060	30.53000069	457.95
453902LF08/13/15	453902	KLH	13-Aug-15	13-Aug-15	11	108020	54.00999832	39800	19.89999962	68220	34.11000061	511.65
453901LF08/13/15	453901	KLH	13-Aug-15	13-Aug-15	11	105300	52.65000153	40000	20	65300	32.65000153	489.75
453900LF08/13/15	453900	KLH	13-Aug-15	13-Aug-15	11	111780	55.88999939	38600	19.29999924	73180	36.59000015	548.85
453899LF08/13/15	453899	KLH	13-Aug-15	13-Aug-15	11	115000	57.5	38880	19.44000053	76120	38.06000137	570.9
453898LF08/13/15	453898	KLH	13-Aug-15	13-Aug-15	11	114060	57.02999878	40280	20.13999939	73780	36.88999939	553.35
453896LF08/13/15	453896	KLH	13-Aug-15	13-Aug-15	10	115000	57.5	31360	15.68000031	83640	41.81999969	627.3
453895LF08/13/15	453895	KLH	13-Aug-15	13-Aug-15	10	104660	52.33000183	41000	20.5	63660	31.82999992	477.45
453894LF08/13/15	453894	KLH	13-Aug-15	13-Aug-15	10	112000	56	42120	21.05999947	69880	34.93999863	524.1
453893LF08/13/15	453893	KLH	13-Aug-15	13-Aug-15	10	107380	53.68999863	38120	19.05999947	69260	34.63000107	519.45
453892LF08/13/15	453892	KLH	13-Aug-15	13-Aug-15	10	110760	55.38000107	39800	19.89999962	70960	35.47999954	532.2
453888LF08/13/15	453888	KLH	13-Aug-15	13-Aug-15	10	105560	52.77999878	41000	20.5	64560	32.27999878	484.2
453885LF08/13/15	453885	KLH	13-Aug-15	13-Aug-15	10	107160	53.58000183	41000	20.5	66160	33.08000183	496.2
453882LF08/13/15	453882	KLH	13-Aug-15	13-Aug-15	10	101800	50.90000153	40280	20.13999939	61520	30.76000023	461.4
453879LF08/13/15	453879	KLH	13-Aug-15	13-Aug-15	9	105300	52.56000153	39800	19.89999962	65500	32.75	491.25
453867LF08/13/15	453867	KLH	13-Aug-15	13-Aug-15	8	107760	53.88000107	40700	20.35000038	67060	33.52999878	502.95
453860LF08/13/15	453860	KLH	13-Aug-15	13-Aug-15	8	103740	51.86999893	39800	19.89999962	63940	31.96999931	479.55
453859LF08/13/15	453859	KLH	13-Aug-15	13-Aug-15	8	104000	52	40000	20	64000	32	480
453719LF08/11/15	453719	KLH	11-Aug-15	11-Aug-15	6	107280	53.63999939	38120	19.05999947	69160	34.58000183	518.7
453718LF08/11/15	453718	KLH	11-Aug-15	11-Aug-15	6	106920	53.45999908	39800	19.89999962	67120	33.56000137	503.4
453717LF08/11/15	453717	KLH	11-Aug-15	11-Aug-15	6	106540	52.77000046	41000	20.5	65540	32.77000046	491.55
453715LF08/11/15	453715	KLH	11-Aug-15	11-Aug-15	6	105560	52.77999878	40000	20	65560	32.77999878	491.7
453714LF08/11/15	453714	KLH	11-Aug-15	11-Aug-15	6	102860	51.43000031	40580	20.29000092	62280	31.13999939	467.1
453710LF08/11/15	453710	KLH	11-Aug-15	11-Aug-15	6	100420	50.20999908	40000	20	60420	30.20999908	453.15
453708LF08/11/15	453708	KLH	11-Aug-15	11-Aug-15	6	100860	50.43000031	37420	18.70999908	63440	31.71999931	475.8
453702LF08/11/15	453702	KLH	11-Aug-15	11-Aug-15	4	104120	52.06000137	39800	19.89999962	64320	32.15999985	482.4
453796LF08/11/15	453796	KLH	11-Aug-15	11-Aug-15	11	106080	53.04000092	39800	19.89999962	66280	33.13999939	497.1
453794LF08/11/15	453794	KLH	11-Aug-15	11-Aug-15	11	105860	52.93000031	41000	20.5	64860	32.43000031	486.45
453791LF08/11/15	453791	KLH	11-Aug-15	11-Aug-15	11	109480	54.74000168	42120	21.05999947	67360	33.68000031	505.2
453696LF08/10/15	453696	KLH	10-Aug-15	10-Aug-15	11	102900	51.45000076	41000	20.5	61900	30.95000076	464.25
453666LF08/10/15	453666	KLH	10-Aug-15	10-Aug-15	10	107960	53.97999954	38120	19.05999947	69840	34.91999817	523.8
453662LF08/10/15	453662	KLH	10-Aug-15	10-Aug-15	10	103660	51.83000183	40100	20.04999924	63560	31.78000069	476.7
453660LF08/10/15	453660	KLH	10-Aug-15	10-Aug-15	10	103580	51.79000092	40580	20.29000092	63000	31.5	472.5
453657LF08/10/15	453657	KLH	10-Aug-15	10-Aug-15	10	98600	49.29999924	34280	17.13999939	64320	32.15999985	482.4
453655LF08/10/15	453655	KLH	10-Aug-15	10-Aug-15	10	102420	51.20999908	40000	20	62420	31.20999908	468.15
453650LF08/10/15	453650	KLH	10-Aug-15	10-Aug-15	10	115000	57.5	34140	17.06999969	80860	40.43000031	606.45
453621LF08/10/15	453621	KLH	10-Aug-15	10-Aug-15	5	108920	54.45999908	39800	19.89999962	69120	34.56000137	518.4
453789LF08/11/15	453789	KLH	11-Aug-15	11-Aug-15	11	107620	53.81000137	38120	19.05999947	69500	34.75	521.25
453786LF08/11/15	453786	KLH	11-Aug-15	11-Aug-15	11	107940	53.97000122	39800	19.89999962	68140	34.06999969	511.05
453785LF08/11/15	453785	KLH	11-Aug-15	11-Aug-15	11	113000	56.5	37420	18.70999908	75580	37.79000092	566.85
453783LF08/11/15	453783	KLH	11-Aug-15	11-Aug-15	11	102420	51.20999908	40000	20	62420	31.20999908	468.15
453781LF08/11/15	453781	KLH	11-Aug-15	11-Aug-15	10	106500	53.25	40700	20.35000038	65800	32.90000153	493.5
453778LF08/11/15	453778	KLH	11-Aug-15	11-Aug-15	10	108640	54.31999969	41000	20.5	67640	33.81999969	507.3
453777LF08/11/15	453777	KLH	11-Aug-15	11-Aug-15	10	108100	54.04999924	39800	19.89999962	68300	34.15000153	512.25
453776LF08/11/15	453776	KLH	11-Aug-15	11-Aug-15	10	106880	54.34000015	40280	20.13999939	68400	34.20000076	513
453774LF08/11/15	453774	KLH	11-Aug-15	11-Aug-15	10	102620	51.31000137	41000	20.5	61620	30.80999947	462.15
453773LF08/11/15	453773	KLH	11-Aug-15	11-Aug-15	10	100720	50.36000061	39500	19.75	61220	30.61000061	459.15
453770LF08/11/15	453770	KLH	11-Aug-15	11-Aug-15	10	103520	51.75999832	42120	21.05999947	61400	30.70000076	460.5
453754LF08/11/15	453754	KLH	11-Aug-15	11-Aug-15	9	114060	57.02999878	42120	21.05999947	71940	35.97000122	539.55
453745LF08/11/15	453745	KLH	11-Aug-15	11-Aug-15	7	102140	51.06999969	40000	20	62140	31.06999969	466.05
453726LF08/11/15	453726	KLH	11-Aug-15	11-Aug-15	7	104300	52.15000153	40000	20	64300	32.15000153	482.25
453706LF08/11/15	453706	KLH	11-Aug-15	11-Aug-15	5	108920	54.45999908	41000	20.5	67920	33.95999908	509.4
453705LF08/11/15	453705	KLH	11-Aug-15	11-Aug-15	5	113380	56.68999863	42120	21.05999947	71260	35.63000107	534.45
453704LF08/11/15	453704	KLH	11-Aug-15	11-Aug-15	5	107880	53.93999863	38120	19.05999947	69760	34.88000107	523.2
453768LF08/11/15	453768	KLH	11-Aug-15	11-Aug-15	10	106500	53.25	38120	19.05999947	68380	34.18999863	512.85
453767LF08/11/15	453767	KLH	11-Aug-15	11-Aug-15	9	104440	52.22000122	39800	19.89999962	64640		

Summary of Soil Disposal Manifest
Restover Truck Stop

TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
453761LF08/11/15	453761	KLH	11-Aug-15	11-Aug-15	9	109520	54.75999832	41000	20.5	68520	34.25999832	513.9
453760LF08/11/15	453760	KLH	11-Aug-15	11-Aug-15	9	107160	53.58000183	39800	19.89999962	67360	33.68000031	505.2
453759LF08/11/15	453759	KLH	11-Aug-15	11-Aug-15	9	110720	55.36000061	40280	20.13999939	70440	35.22000122	528.3
453758LF08/11/15	453758	KLH	11-Aug-15	11-Aug-15	9	108360	54.18000031	41000	20.5	67360	33.68000031	505.2
453648LF08/10/15	453648	KLH	10-Aug-15	10-Aug-15	10	110640	55.31999969	41000	20.5	69640	34.81999969	522.3
453637LF08/10/15	453637	KLH	10-Aug-15	10-Aug-15	9	107840	53.91999817	38120	19.05999947	69720	34.86000061	522.9
453636LF08/10/15	453636	KLH	10-Aug-15	10-Aug-15	8	108120	54.06000137	39800	19.89999962	68320	34.15999985	512.4
453628LF08/10/15	453628	KLH	10-Aug-15	10-Aug-15	6	115000	57.5	29120	14.56000042	85880	42.93999863	644.1
453625LF08/10/15	453625	KLH	10-Aug-15	10-Aug-15	5	107840	53.91999817	38120	19.05999947	69720	34.86000061	522.9
453623LF08/10/15	453623	KLH	10-Aug-15	10-Aug-15	5	114280	57.13999939	41500	20.75	72780	36.38999939	545.85
453691LF08/10/15	453691	KLH	10-Aug-15	10-Aug-15	11	110340	55.16999817	40800	20.39999962	69540	34.77000046	521.55
453690LF08/10/15	453690	KLH	10-Aug-15	10-Aug-15	11	106420	53.20999908	40000	20	66420	33.20999908	498.15
453689LF08/10/15	453689	KLH	10-Aug-15	10-Aug-15	11	109020	54.50999832	38600	19.29999924	70420	35.20999908	528.15
453684LF08/10/15	453684	KLH	10-Aug-15	10-Aug-15	11	109400	54.70000076	42120	21.05999947	67280	33.63999939	504.6
453683LF08/10/15	453683	KLH	10-Aug-15	10-Aug-15	11	112040	56.02000046	41000	20.5	71040	35.52000046	532.8
453681LF08/10/15	453681	KLH	10-Aug-15	10-Aug-15	11	105080	52.54000092	38120	19.05999947	66960	33.47999954	502.2
453680LF08/10/15	453680	KLH	10-Aug-15	10-Aug-15	11	111320	55.65999985	39800	19.89999962	71520	35.75999832	536.4
453678LF08/10/15	453678	KLH	10-Aug-15	10-Aug-15	11	106540	53.27000046	40000	20	66540	33.27000046	499.05
453677LF08/10/15	453677	KLH	10-Aug-15	10-Aug-15	11	108400	54.20000076	39700	19.85000038	68700	34.34999847	515.25
453675LF08/10/15	453675	KLH	10-Aug-15	10-Aug-15	11	102500	51.25	40000	20	62500	31.25	468.75
454210LF08/20/15	454210	KLH	20-Aug-15	20-Aug-15	12	108700	54.34999847	42120	21.05999947	66580	33.29000092	499.35
454209LF08/20/15	454209	KLH	20-Aug-15	20-Aug-15	12	97200	48.59999847	38600	19.29999924	58600	29.29999924	439.5
454206LF08/20/15	454206	KLH	20-Aug-15	20-Aug-15	12	105520	52.75999832	39800	19.89999962	65720	32.86000061	492.9
454203LF08/20/15	454203	KLH	20-Aug-15	20-Aug-15	11	110180	55.09000015	40800	20.39999962	69380	34.68999863	520.35
454201LF08/20/15	454201	KLH	20-Aug-15	20-Aug-15	11	106180	53.09000015	38500	19.25	67680	33.84000015	507.6
454200LF08/20/15	454200	KLH	20-Aug-15	20-Aug-15	11	107460	53.72999954	39300	19.64999962	68160	34.08000183	511.2
454195LF08/20/15	454195	KLH	20-Aug-15	20-Aug-15	11	106920	53.45999908	39700	19.85000038	67220	33.61000061	504.15
454193LF08/20/15	454193	KLH	20-Aug-15	20-Aug-15	11	102740	51.36999893	41000	20.5	61740	30.87000084	463.05
454192LF08/20/15	454192	KLH	20-Aug-15	20-Aug-15	11	103360	51.68000031	40700	20.35000038	62660	31.32999992	469.95
454191LF08/20/15	454191	KLH	20-Aug-15	20-Aug-15	11	111160	55.58000183	42120	21.05999947	69040	34.52000046	517.8
454188LF08/20/15	454188	KLH	20-Aug-15	20-Aug-15	11	108800	54.40000153	39800	19.89999962	69000	34.5	517.5
454182LF08/20/15	454182	KLH	20-Aug-15	20-Aug-15	11	108420	54.20999908	40500	20.25	67920	33.95999908	509.4
454179LF08/20/15	454179	KLH	20-Aug-15	20-Aug-15	10	106580	53.29000092	38500	19.25	68080	34.04000092	510.6
454178LF08/20/15	454178	KLH	20-Aug-15	20-Aug-15	10	107020	53.50999832	39500	19.75	67520	33.75999832	506.4
454177LF08/20/15	454177	KLH	20-Aug-15	20-Aug-15	10	105240	52.61999893	39700	19.85000038	65540	32.77000046	491.55
454175LF08/20/15	454175	KLH	20-Aug-15	20-Aug-15	10	103380	51.68999863	41000	20.5	62380	31.19000053	467.85
454174LF08/20/15	454174	KLH	20-Aug-15	20-Aug-15	10	107780	53.88999939	42120	21.05999947	65660	32.83000183	492.45
454173LF08/20/15	454173	KLH	20-Aug-15	20-Aug-15	10	108800	54.40000153	41000	20.5	67800	33.90000153	508.5
454172LF08/20/15	454172	KLH	20-Aug-15	20-Aug-15	10	103720	51.86000061	39800	19.89999962	63920	31.95999908	479.4
454168LF08/20/15	454168	KLH	20-Aug-15	20-Aug-15	10	109400	54.70000076	40500	20.25	68900	34.45000076	516.75
454167LF08/20/15	454167	KLH	20-Aug-15	20-Aug-15	10	106140	53.06999969	38500	19.25	67640	33.81999969	507.3
454165LF08/20/15	454165	KLH	20-Aug-15	20-Aug-15	10	105860	52.93000031	39700	19.85000038	66160	33.08000183	496.2
454159LF08/20/15	454159	KLH	20-Aug-15	20-Aug-15	10	114380	57.18999863	41000	20.5	73380	36.68999863	550.35
454158LF08/20/15	454158	KLH	20-Aug-15	20-Aug-15	10	111840	55.91999817	42120	21.05999947	69720	34.86000061	522.9
454156LF08/20/15	454156	KLH	20-Aug-15	20-Aug-15	10	102940	51.47000122	41000	20.5	61940	30.96999931	464.55
454154LF08/20/15	454154	KLH	20-Aug-15	20-Aug-15	10	106440	53.22000122	39800	19.89999962	66640	33.31999969	499.8
454149LF08/20/15	454149	KLH	20-Aug-15	20-Aug-15	9	109780	54.88999939	38500	19.25	71280	35.63999939	534.6
454148LF08/20/15	454148	KLH	20-Aug-15	20-Aug-15	9	108720	54.36000061	39700	19.85000038	69020	34.50999832	517.65
454145LF08/20/15	454145	KLH	20-Aug-15	20-Aug-15	9	107780	53.88999939	40800	20.39999962	66980	33.49000168	502.35
454142LF08/20/15	454142	KLH	20-Aug-15	20-Aug-15	8	105880	52.93999863	39100	19.54999924	66780	33.88999939	500.85
454139LF08/20/15	454139	KLH	20-Aug-15	20-Aug-15	7	103040	51.52000046	41000	20.5	62040	31.02000046	465.3
454136LF08/20/15	454136	KLH	20-Aug-15	20-Aug-15	7	109160	54.58000183	42120	21.05999947	67040	33.52000046	502.8
454135LF08/20/15	454135	KLH	20-Aug-15	20-Aug-15	7	107080	53.54000092	39800	19.89999962	67280	33.63999939	504.6
454131LF08/20/15	454131	KLH	20-Aug-15	20-Aug-15	6	107160	53.58000183	39500	19.75	67660	33.83000183	507.45
454130LF08/20/15	454130	KLH	20-Aug-15	20-Aug-15	6	103880	51.93999863	41000	20.5	62880	31.44000053	471.6
454128LF08/20/15	454128	KLH	20-Aug-15	20-Aug-15	5	112580	56.29000092	41500	20.75	71080	35.54000092	533.1
454127LF08/20/15	454127	KLH	20-Aug-15	20-Aug-15	5	111920	55.95999908	39800	19.89999962	72120	36.06000137	540.9
454120LF08/20/15	454120	KLH	20-Aug-15	20-Aug-15	5	110420	55.20999908	38500	19.25	71920	35.95999908	539.4
454119LF08/20/15	454119	KLH	20-Aug-15	20-Aug-15	5	106600	53.29999924	39700	19.85000038	66900	33.45000076	501.75
454117LF08/20/15	454117	KLH	20-Aug-15	20-Aug-15	5	108600	54.29999924	41000	20.5	67600	33.79999924	507
454114LF08/20/15	454114	KLH	20-Aug-15	20-Aug-15	5	106980	53.49000168	38500	19.25	68480	34.24000168	513.6
454113LF08/20/15	454113	KLH	20-Aug-15	20-Aug-15	5	112800	56.40000153	40700	20.35000038	72100	36.04999924	540.75
454112LF08/20/15	454112	KLH	20-Aug-15	20-Aug-15	5	105880	52.93999863	39700	19.85000038	66180	33.09000015	496.35
454105LF08/20/15	454105	KLH	20-Aug-15	20-Aug-15	5	105920	52.95999908	39500	19.75	66420	33.20999908	498.15
454104LF08/20/15	454104	KLH	20-Aug-15	20-Aug-15	5	100220	50.11000061	41000	20.5	59220	29.61000061	444.15
454102LF08/20/15	454102	KLH	20-Aug-15	20-Aug-15	5	112600	56.29999924	42120	21.05999947	70480	35.24000168	528.6
454099LF08/20/15	454099	KLH	20-Aug-15	20-Aug-15	5	106780	53.38999939	39800	19.89999962	66980	33.49000168	502.35
454097LF08/20/15	454097	KLH	20-Aug-15	20-Aug-15	4	107960	53.97999954	38500	19.25	69460	34.72999954	520.95
454095LF08/20/15	454095	KLH	20-Aug-15	20-Aug-15	4	98580	49.29000092	40800	20.39999962	57780	28.88999939	433.35
454070LF08/19/15	454070	KLH	19-Aug-15	19-Aug-15	5	109120	54.56000137	39800	19.89999962	69320	34.65999985	519.9
454067LF08/19/15	454067	KLH	19-Aug-15	19-Aug-15	4	111220	55.61000061	41000	20.5	70220	35.11000061	526.65
454066LF08/19/15	454066	KLH	19-Aug-15	19-Aug-15	4	106120	53.06000137	39800	19.89999962	66320	33.15999985	497.4
454064LF08/19/15	454064	KLH	19-Aug-15	19-Aug-15	4	109960	54.97999954	42120	21.05999947	67840	33.91999817	508.8
454063LF08/19/15	454063	KLH	19-Aug-15	19-Aug-15	4	114780	57.38999939	40800	20.39999962	73980	36.99000168	554.85
454060LF08/19/15	454060	KLH	19-Aug-15	19-Aug-15	4	104900	52.45000076	39800	19.89999962	65100	32.54999924	488.25
454023LF08/18/15	454023	RDR	18-Aug-15	18-Aug-15	7	111120	55.56000137	42120	21.05999947	69000	34.5	517.5
454022LF08/18/15	454022	RDR	18-Aug-15	18-Aug-15	7	106260	53.13000107	40500	20.25	65760	32.88000107	493.2
454015LF08/18/15	454015	RDR	1									

Summary of Soil Disposal Manifest
Restover Truck Stop

TransactionIndex	Transaction #	WmID Out	Date In	Date Out	Hour Of Day	Gross Weight	Gross TN	Tare Weight	Tare TN	Net Weight	Net TN	Fee \$
454004LF08/18/15	454004	RDR	18-Aug-15	18-Aug-15	5	105480	52.74000168	39700	19.85000038	65780	32.88999939	493.35
454056LF08/18/15	454056	RDR	18-Aug-15	18-Aug-15	11	96960	48.47999954	41000	20.5	55960	27.97999954	419.7
454055LF08/18/15	454055	RDR	18-Aug-15	18-Aug-15	11	106460	53.22999954	38500	19.25	67960	33.97999954	509.7
454052LF08/18/15	454052	RDR	18-Aug-15	18-Aug-15	11	104860	52.43000031	39700	19.85000038	65160	32.58000183	488.7
454050LF08/18/15	454050	RDR	18-Aug-15	18-Aug-15	11	108180	54.09000015	39800	19.89999962	68380	34.18999863	512.85
454048LF08/18/15	454048	RDR	18-Aug-15	18-Aug-15	11	105160	52.58000183	40700	20.35000038	64460	32.22999954	483.45
454044LF08/18/15	454044	RDR	18-Aug-15	18-Aug-15	11	105600	52.79999924	39800	19.89999962	65800	32.90000153	493.5
454043LF08/18/15	454043	RDR	18-Aug-15	18-Aug-15	11	107420	53.70999908	42120	21.05999947	65300	32.65000153	489.75
454041LF08/18/15	454041	RDR	18-Aug-15	18-Aug-15	11	110320	55.15999985	40500	20.25	69820	34.90999985	523.65
454035LF08/18/15	454035	RDR	18-Aug-15	18-Aug-15	7	104320	52.15999985	39900	19.95000076	64420	32.20999908	483.15
454033LF08/18/15	454033	RDR	18-Aug-15	18-Aug-15	7	105480	52.74000168	41000	20.5	64480	32.24000168	483.6
454031LF08/18/15	454031	RDR	18-Aug-15	18-Aug-15	7	106180	53.09000015	38500	19.25	67680	33.84000015	507.6
454030LF08/18/15	454030	RDR	18-Aug-15	18-Aug-15	7	109580	54.79000092	39700	19.85000038	69880	34.93999863	524.1
454028LF08/18/15	454028	RDR	18-Aug-15	18-Aug-15	7	106520	53.25999832	39800	19.89999962	66720	33.36000061	500.4
454007LF08/18/15	454007	RDR	18-Aug-15	18-Aug-15	5	104860	52.43000031	39800	19.89999962	65060	32.52999878	487.95
454003LF08/18/15	454003	RDR	18-Aug-15	18-Aug-15	5	105600	52.79999924	40000	20	65600	32.79999924	492
454002LF08/18/15	454002	RDR	18-Aug-15	18-Aug-15	5	103540	51.77000046	40500	20.25	63040	31.52000046	472.8
454000LF08/18/15	454000	RDR	18-Aug-15	18-Aug-15	5	105580	52.79000092	40700	20.35000038	64880	32.43999863	486.6
453975LF08/17/15	453975	KLH	17-Aug-15	17-Aug-15	11	107440	53.72000122	41000	20.5	66440	33.22000122	498.3
453967LF08/17/15	453967	KLH	17-Aug-15	17-Aug-15	5	108440	54.22000122	39800	19.89999962	68640	34.31999969	514.8
453966LF08/17/15	453966	KLH	17-Aug-15	17-Aug-15	5	108480	54.24000168	41000	20.5	67480	33.74000168	506.1
453965LF08/17/15	453965	KLH	17-Aug-15	17-Aug-15	5	107540	53.77000046	39800	19.89999962	67740	33.86999893	508.05
453939LF08/14/15	453939	RDR	14-Aug-15	14-Aug-15	5	101160	50.58000183	40280	20.13999939	60880	30.44000053	456.6
453938LF08/14/15	453938	RDR	14-Aug-15	14-Aug-15	5	109080	54.54000092	39800	19.89999962	69280	34.63999939	519.6
453937LF08/14/15	453937	RDR	14-Aug-15	14-Aug-15	5	104620	52.31000137	38120	19.05999947	66500	33.25	498.75
453931LF08/14/15	453931	RDR	14-Aug-15	14-Aug-15	5	107220	53.61000061	40000	20	67220	33.61000061	504.15
453930LF08/14/15	453930	RDR	14-Aug-15	14-Aug-15	5	103080	51.54000092	40500	20.25	62580	31.29000092	469.35
453929LF08/14/15	453929	RDR	14-Aug-15	14-Aug-15	4	105440	52.72000122	38500	19.25	66940	33.47000122	502.05
453927LF08/14/15	453927	RDR	14-Aug-15	14-Aug-15	4	102680	51.34000015	41000	20.5	61680	30.84000015	462.6
453926LF08/14/15	453926	RDR	14-Aug-15	14-Aug-15	4	105700	52.84999847	40800	20.39999962	64900	32.45000076	486.75
453925LF08/14/15	453925	RDR	14-Aug-15	14-Aug-15	4	104800	52.40000153	39800	19.89999962	65000	32.5	487.5
453923LF08/14/15	453923	RDR	14-Aug-15	14-Aug-15	3	103760	51.88000107	40280	20.13999939	63480	31.73999977	476.1
453921LF08/13/15	453921	KLH	13-Aug-15	13-Aug-15	11	103300	51.65000153	42120	21.05999947	61180	30.59000015	458.85
453881LF08/13/15	453881	KLH	13-Aug-15	13-Aug-15	10	105460	52.79999954	42120	21.05999947	63340	31.67000008	475.05
453880LF08/13/15	453880	KLH	13-Aug-15	13-Aug-15	9	105700	52.84999847	38120	19.05999947	67580	33.79000092	506.85
453875LF08/13/15	453875	KLH	13-Aug-15	13-Aug-15	9	105120	52.56000137	40000	20	65120	32.56000137	488.4
453874LF08/13/15	453874	KLH	13-Aug-15	13-Aug-15	9	108520	54.25999832	40500	20.25	68020	34.00999832	510.15
453873LF08/13/15	453873	KLH	13-Aug-15	13-Aug-15	9	105120	52.56000137	38500	19.25	66620	33.31000137	499.65
453872LF08/13/15	453872	KLH	13-Aug-15	13-Aug-15	9	101700	50.84999847	41000	20.5	60700	30.35000038	455.25
453871LF08/13/15	453871	KLH	13-Aug-15	13-Aug-15	9	111600	55.79999924	41000	20.5	70600	35.29999924	529.5
453674LF08/10/15	453674	KLH	10-Aug-15	10-Aug-15	11	115000	57.5	38800	19.39999962	76200	38.09999847	571.5
453672LF08/10/15	453672	KLH	10-Aug-15	10-Aug-15	10	109080	54.54000092	41000	20.5	68080	34.04000092	510.6
453671LF08/10/15	453671	KLH	10-Aug-15	10-Aug-15	10	109680	54.84000015	42120	21.05999947	67560	33.77999878	506.7
453669LF08/10/15	453669	KLH	10-Aug-15	10-Aug-15	10	102320	51.15999985	41000	20.5	61320	30.65999985	459.9
453663LF08/10/15	453663	KLH	10-Aug-15	10-Aug-15	10	106520	53.25999832	39800	19.89999962	66720	33.36000061	500.4
453661LF08/10/15	453661	KLH	10-Aug-15	10-Aug-15	10	109440	54.72000122	39700	19.85000038	69740	34.86999893	523.05
453654LF08/10/15	453654	KLH	10-Aug-15	10-Aug-15	10	105480	52.74000168	41000	20.5	64480	32.24000168	483.6
453651LF08/10/15	453651	KLH	10-Aug-15	10-Aug-15	10	111880	55.93999863	42120	21.05999947	69760	34.88000107	523.2
454089LF08/19/15	454089	KLH	19-Aug-15	19-Aug-15	5	104560	52.27999878	39800	19.89999962	64760	32.38000107	485.7
453999LF08/18/15	453999	RDR	18-Aug-15	18-Aug-15	5	107120	53.56000137	38500	19.25	68620	34.31000137	514.65
453994LF08/18/15	453994	RDR	18-Aug-15	18-Aug-15	4	108440	54.22000122	39800	19.89999962	68640	34.31999969	514.8
453993LF08/18/15	453993	RDR	18-Aug-15	18-Aug-15	4	99640	49.81999969	41000	20.5	58640	29.31999969	439.8
453991LF08/18/15	453991	RDR	18-Aug-15	18-Aug-15	4	110400	55.20000076	39800	19.89999962	70600	35.29999924	529.5
454087LF08/19/15	454087	KLH	19-Aug-15	19-Aug-15	5	106220	53.11000061	39800	19.89999962	66420	33.20999908	498.15
454084LF08/19/15	454084	KLH	19-Aug-15	19-Aug-15	5	115060	57.52999878	42120	21.05999947	72940	36.47000122	547.05
454083LF08/19/15	454083	KLH	19-Aug-15	19-Aug-15	5	110120	55.06000137	40500	20.25	69620	34.81000137	522.15
454082LF08/19/15	454082	KLH	19-Aug-15	19-Aug-15	5	98260	49.13000107	38600	19.29999924	59660	29.82999992	447.45
454080LF08/19/15	454080	KLH	19-Aug-15	19-Aug-15	5	102920	51.45999908	39500	19.75	63420	31.70999908	475.65
454079LF08/19/15	454079	KLH	19-Aug-15	19-Aug-15	5	97480	48.74000168	40800	20.39999962	56680	28.34000015	425.1
454076LF08/19/15	454076	KLH	19-Aug-15	19-Aug-15	5	107060	53.52999878	38500	19.25	68560	34.27999878	514.2
454074LF08/19/15	454074	KLH	19-Aug-15	19-Aug-15	5	105460	52.72999954	39700	19.85000038	65760	32.88000107	493.2
454025LF08/18/15	454025	RDR	18-Aug-15	18-Aug-15	7	110360	55.18000031	39800	19.89999962	70560	35.27999878	529.2
454024LF08/18/15	454024	RDR	18-Aug-15	18-Aug-15	7	102400	51.20000076	41000	20.5	61400	30.70000076	460.5
453984LF08/17/15	453984	KLH	17-Aug-15	17-Aug-15	11	104760	52.38000107	42120	21.05999947	62640	31.31999969	469.8
453982LF08/17/15	453982	KLH	17-Aug-15	17-Aug-15	11	106160	53.08000183	40500	20.25	65660	32.83000183	492.45
453977LF08/17/15	453977	KLH	17-Aug-15	17-Aug-15	11	105480	52.74000168	40000	20	65480	32.74000168	491.1
453976LF08/17/15	453976	KLH	17-Aug-15	17-Aug-15	11	108200	54.09999847	38500	19.25	69700	34.84999847	522.75