611 S. Irvine Avenue, Sharon, PA 16146
phone 724.347.2101 fax 724.347.2139

REMEDIAL ACTION PROGRESS REPORT
FOURTH QUARTER 2016

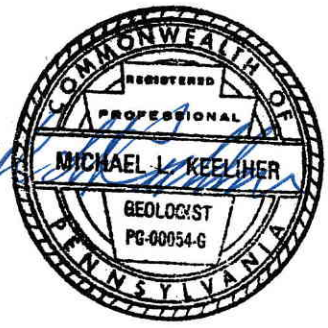
VALLEY VILLAGE
10243 State Route 85
Kittanning, PA 16201
Facility I.D. No. 03-06500
USTIF No. 2014-0036(S)

Prepared for

Pennsylvania Department of Environmental Protection
Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Submitted by:

Sara Giordano and Paul Rogers



Valley Village
10243 State Route 85, Kittanning, PA 16201
Fourth Quarter 2016 Remedial Action Progress Report
Report Date: January 2017

Facility ID No. 03-06500 | USTIF ID No. 2014-0036(S)
IGI Contacts: Sara Giordano and Paul Rogers | PADEP Contact: Tom Fuller

INTRODUCTION

Insite Group, Inc. (IGI), on behalf of on Mr. Joseph Buffone of JBRL Development Corp., provides this Remedial Action Progress Report (RAPR) summarizing activities and findings for the referenced period at the Valley Village facility in Cowanshannock Township, Armstrong County, Pennsylvania (property). This RAPR includes a summary of site activities completed during the period, data interpretation, proposed future actions, a historical summary, and a description of site geology.

A release of unleaded gasoline was discovered and reported in March 2014 during an upgrade of the UST system. Extensive impacts to soil and groundwater were identified during site characterization. A Site Characterization Report / Remedial Action Plan (SCR/RAP) was submitted to PADEP and approved with modifications in June 2015. A topographic map is provided as **Figure 1**. A site map is provided as **Figure 2**.

The site is defined by the extent of the monitoring well network. Point of Compliance (POC) wells are shown in bold font and include **MW-3R, MW-4R, MW-8, MW-13** and **MW-14**.

Current activities include implementation of the Remedial Action Plan (RAP), including excavation of impacted soil, oxidant injection into the UST cavity, installation of a PlumeStop Liquid Activated Carbon (PlumeStop) barrier enhanced with oxygen releasing compound (ORC), installation, development and sampling of replacement monitoring wells, and quarterly groundwater compliance monitoring.

CONTAMINANTS OF CONCERN

The contaminant of concern at the site is unleaded gasoline, and the chemicals of concern are defined by PADEP's Post-2008 short list of parameters for unleaded gasoline (benzene, ethylbenzene, cumene, MTBE, naphthalene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes).

Media	Cleanup Standard	Parameters Exceeding the Cleanup Standard
Soil	Statewide Health Standard, Residential, Used Aquifer (SHS-RUA)	Attainment of the SHS-RUA is demonstrated for soil.
Groundwater	SHS-RUA	Benzene, ethylbenzene, MTBE, naphthalene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes.

REGULATORY STATUS

Remediation by excavation and chemical oxidation.

Facility ID No. 03-06500 | USTIF ID No. 2014-0036(S)
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SITE ACTIVITIES COMPLETED DURING PERIOD

Pre-Excavation Activities

Access Agreements

Access agreements were established with both the current owner of the Valley Village facility, Shiv Ram Properties, LLC., and the downgradient property owner, the Cowanshannock Creek Watershed Authority (CCWA), for remediation of gasoline impacted soil and groundwater.

FC-1 Soil Profiling

FC-1 soil profiling was completed during Fourth Quarter 2015. On October 5 through 8, 2015, IGI collected a total of 10 soil samples from the area of proposed excavation. The samples were submitted for laboratory analysis of FC-1 disposal parameters. The sample locations are shown on **Figure 2**. The analytical results are summarized in **Table 1.0**. The laboratory report was included in the Fourth Quarter 2015 RAPR.

The FC-1 Permit to Dispose was approved for a one-year period. Soil was profiled for non-hazardous disposal at Greentree Landfill in Kersey, PA.

Coordination of the Cathodic Protection Upgrade

The current property owner contracted others to install cathodic protection on Tank No. 003. IGI attempted to integrate the upgrade with the vendor during the excavation activities but was unsuccessful. The cathodic protection for Tank No. 003 was installed on December 7, 2016.

Utility Markdown

On September 7, 2016, IGI marked the perimeter of the proposed excavation area in white and completed a notification call to the Pennsylvania One Call System, Inc. Peoples Natural Gas (gas) and Shannock Valley General Services Authority (sewer) marked lines south of the proposed area of excavation. No utilities were identified in the proposed area of excavation.

Well Abandonment

On September 7, 2016, monitoring wells located in the proposed area of excavation that extended below the proposed depth of excavation were abandoned. Monitoring wells MW-1, PT-1, P-1, and P-2 were abandoned with bentonite to a depth of approximately 14 feet bgs. The remaining wells located within the area of excavation, all shallower than 14 feet, were removed during excavation. Well abandonment forms are provided as **Attachment A**.

Installation of Extraction Point for the UST Cavity

In order to more effectively extract water from the UST cavity, extraction well EW-1, which had been installed using soft dig techniques to a depth of approximately 5 feet bgs, was removed and replaced with a new extraction well (EW-1R) on September 13, 2016. A track hoe was used to excavate up to the gravel fill on the south end of the UST cavity to ensure a hydrogeologic connection with the UST cavity. EW-1R was installed to a depth of approximately 15 feet bgs, and used to dewater the UST cavity during excavation activities and to recover contaminant mass liberated by oxidant injection into the UST cavity. Residual SPL was encountered at a depth of approximately 39 inches bgs while installing EW-1R. A well construction diagram for EW-1R is included in **Attachment B**.

Excavation of Soil

Excavation of impacted soil was initiated on September 13, 2016. A photo ionization detector (PID) was used to screen soil for the purpose of segregating soil as presumed-impacted or presumed-suitable-for-reuse. Impacted soil was staged on plastic sheeting and covered with plastic at the end of each day. Reuse soil was also covered with plastic at the end of each day.

Excavation began at the north end of the area of soil impact near the dispenser islands and progressed in sections towards the south along the east side of the UST cavity, then west along the south end of the UST cavity. Individual sections were backfilled and compacted in 12-inch lifts prior to proceeding to the next section. A trench box, measuring approximately 16 X 6 X 6 feet, and steel shoring plates were utilized east and south of the UST cavity to protect the tanks and prevent movement of backfill from the UST cavity. The excavation subcontractor, Klinginsmith Enterprises, Inc. (KEI), is a certified UST installer. A certified UST installer was required to be onsite due to the proximity of the work around the UST system and the temporary relocation of the vent pipes to allow for excavation of impacted soil beneath the vent pipes. The vent pipes were cut and moved to the edge of the UST cavity. Following backfilling and compaction, the vent lines were reinstalled at their original location. A Modified UST Report, prepared by KEI, is provided as **Attachment C**.

A total of 2,054 cubic yards of soil was excavated, including both impacted and reuse soil. An excavation layout map, showing the area of excavation, traffic controls, equipment staging areas, and impacted soil, reuse soil, and imported fill staging areas, is provided as **Figure 3**. The area of excavation, including depths, areas, and volumes, is shown on **Figure 4**, and a map showing the final area of excavation compared to the proposed area of excavation is provided as **Figure 5**.

A total of 1,919.71 tons of impacted soil was loaded, manifested, transported and disposed at Greentree Landfill in Kersey, PA. Copies of the disposal manifests are provided as **Attachment D**.

Confirmatory and Reuse Soil Sampling

Twelve confirmatory soil samples (CS-1 through CS-12) were collected from the perimeter of the excavation above the water table in accordance with a systematic randomized confirmatory soil sampling plan. One duplicate sample was collected for quality assurance purposes. Soil samples were submitted for laboratory analysis of unleaded gasoline parameters by EPA Method 5035/8260B. The analytical results are summarized in **Table 2.0,** and the laboratory reports are provided as **Attachment E**. The benzene concentration exceeded the SHS-RUA value of 0.5 mg/kg in CS-11 (1.18 mg/kg). Contaminant concentrations in the other eleven confirmatory soil samples did not exceed their respective SHS-RUA values. Attainment of the SHS-RUA is demonstrated for soil by application of the 75% / 10x rule. Confirmatory soil sampling locations are shown on **Figure 6**.

Eight soil samples (Reuse 1 through Reuse 8) were collected from stockpiled soil scheduled for reuse and submitted for laboratory analysis of unleaded gasoline parameters by EPA method 5035/8260B. The benzene concentration exceeded the SHS-RUA value of 0.5 mg/kg in reuse sample Reuse 3 (2.35 mg/kg). The stockpiled soil from which Reuse-3 was collected was used as backfill prior to the receipt of the analytical results, and thus, the location of this soil in the backfilled area could not be determined. Contaminant concentrations in the other seven samples did not exceed their respective SHS-RUA values. Reuse soil sampling results are summarized in **Table 3.0**. Approximate locations of the reuse samples are shown on **Figure 6**. Reuse soil laboratory analytical reports are provided as **Attachment F**.

Water Management

A submersible pump was used to extract groundwater from EW-1R to control groundwater during excavation, to dewater the UST cavity, and to recover dissolved-phase contaminated mass liberated by oxidant injection and excavation activities. Groundwater was also extracted from the sewer line trench (discussed in the Sewer Line section below) during excavation in that area. Apart from the sewer line trench and UST cavity, little groundwater was encountered during excavation.

Groundwater was temporarily stored onsite in a frac tank. A sample was collected from the frac tank on September 20, 2016, and submitted for laboratory analysis of unleaded gasoline parameters by method 5030B/8260B. The benzene and 1,2,4-trimethylbenzene concentrations exceeded their respective SHS-RUA values. The results are summarized in **Table 4.0**, and the laboratory analytical report is provided as **Attachment G**. The contaminant concentrations necessitated that the water be disposed at a recycling facility.

A total of 10,781 gallons of groundwater was transported by McCutcheon Enterprises, Inc. and disposed at Danco Industries in Harrisville, PA. Copies of the disposal manifests are provided as **Attachment H**.

Backfilling

Reuse material was preferentially used as backfill along the UST cavity perimeter to form a barrier around the cavity. The remainder of the excavation was backfilled with reuse soil and 2A modified gravel. Backfilling and compaction occurred in approximately 12-inch lifts. A layer of 2B gravel was applied to the surface. A total of approximately 723 cubic yards of reuse soil and 2,073 tons of imported backfill material was used.

PlumeStop Barrier with ORC Enhancement

During excavation, approximately 4,000 pounds of PlumeStop and 495 pounds of ORC was applied to a trench approximately 70 feet long, 5 feet wide, and 17 feet deep. This trench is located south of the UST cavity near the property boundary. The trench was backfilled with sand, and the PlumeStop and ORC were mixed into the sand. The mixture was placed in approximate 12-inch lifts and compacted between 3 and 17 feet bgs. 2A modified gravel was installed to the surface and compacted. The approximate location of the trench is shown on **Figure 4**.

Underground Electric Line

An underground electrical line was encountered and broken during the excavation. This line supplied electricity to light posts on the property along State Route 85. On October 19, 2016, approximately 220 feet of underground replacement electrical line and two junction boxes were installed by Plaza Electric. The locations of the electrical line and junction boxes are shown on **Figure 2**.

Canopy Drain

The canopy over the dispenser island was originally installed with a downspout and perforated conveyance line to convey rainwater to a grassy embankment south of the parking lot. Previously, a portion of the conveyance line was removed by others and not replaced, and other sections of the line had collapsed. As such, the drain line was not functioning as designed, and a portion of the water that entered the canopy downspout made its way to the UST cavity, as indicated by a dye study completed by IGI in November 2015.

The remaining underground section of the conveyance line was removed during excavation, and a new solid PVC conveyance line was installed from the dispenser island to the outfall. The downspout was repositioned and a new access hole for the drain pipe established through the concrete of the dispenser island. The previous access hole was repaired with concrete. The new canopy drain conveyance line is shown on **Figure 2**.

UST Cavity French Drain

A perforated drain line (French drain) was encountered along the south edge of the UST cavity near Tank 002 at approximately 8 feet bgs. The line appeared to be connected to the UST cavity backfill and was routed southward away from the UST cavity. Residual product, petroleum staining, and strong odors were observed both in the drain line and in the surrounding pea gravel. The drain line appears to have provided a preferential pathway for contaminant migration. The line appeared to terminate at the sanitary sewer trench (discussed below) located on the adjacent property to the south. This drain line was removed during excavation. No information is available regarding who originally installed the line, when it was installed, or its intended purpose. The approximately location of the drain line is shown on **Figure 3**.

Sanitary Sewer

During excavation, a main sanitary sewer line (8-inch SDR pipe) was encountered and breached. The line was encountered approximately 19 feet north of the official location marked by the sewer authority in response to the Pennsylvania One Call System, Inc. notification. Pennsylvania One Call System, Inc. and Shannock Valley General Service Authority (SVGSA) were notified. The line was repaired to the SVGSA's specifications. The approximate location of the sanitary sewer line is shown on **Figure 3**.

Mr. Guy Curran, a water quality specialist with the PADEP, was onsite on several occasions during the excavation, including the day the sewer line was breached. Mr. Curran completed a report summarizing his observations, which is provided as **Attachment I**.

Based on conditions observed during excavation, the sewer line was installed in a trench approximately 4 feet wide with approximately 1 foot of gravel beneath the line and approximately 3 feet of gravel above the line. Fill above the gravel layer consisted of clay, gravel, and concrete and asphalt debris. According to the sewer authority, clay barriers are installed at regular intervals along the sewer trench (typically, at each manhole). These clay barriers limit the lateral flow of groundwater (and contaminants) along the sewer trench. Based on the locations of sewer manholes (shown on **Figure 2**), the section of sewer line trench adjacent to the site is approximately 318 feet in length. Because the gravel fill in the trench is more permeable that the surrounding native soil, groundwater accumulates in the sewer line trench.

The drain line originating at the UST cavity (discussed above) terminated at the sanitary sewer line trench near MW-8. As discussed above, some of the released product migrated southward along the drain line to the sanitary sewer trench where it accumulated. As the water table in the trench fluctuated with the seasons, the product was deposited as an adsorbed-phase smear zone within the gravel layer as well as the overlying layer of heterogeneous fill material. The majority of the adsorbed-phase contaminant mass in the sewer trench appeared to be contained within the heterogeneous fill layer and was removed by excavation. No petroleum staining or residual product was identified downgradient

(south) of the sewer line trench. Some east-west migration of contaminants appears to have occurred along the sewer trench as a result of dispersion.

The primary groundwater flow direction at the site is southward. The sanitary sewer trench is oriented east-west, perpendicular to groundwater flow. The presence of the sanitary sewer trench does not appear to have a significant impact on the downgradient (southward) migration of dissolved-phase contaminants.

During excavation around the sewer line, approximately 6,000 to 8,000 gallons of groundwater was extracted from the sewer line trench, as discussed in the Water Management section above. One groundwater sample was collected from the open excavation near the sewer line prior to the sewer line breach. The benzene, ethylbenzene, naphthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene concentrations all exceeded their respective SHS-RUA values in this sample. The results are summarized in **Table 5.0**, and the laboratory analytical reports are provided as **Attachment J**.

Sanitary Sewer Sampling

Two water samples were collected from the sanitary sewer at a downgradient manhole, one on the day the sewer line was breached (October 4, 2016), and one eight days after the sewer line was repaired (October 13, 2016). The samples were submitted for laboratory analysis of unleaded gasoline parameters by EPA method 5030B/8260B. Benzene and 1,2,4-trimethlybenzene concentrations exceeded their respective SHS-RUA values in the October 4th sample. Unleaded gasoline constituents were not detected in the October 13th sample. The results are summarized in **Table 6.0**, and the laboratory analytical reports are provided as **Attachment K**.

Installation of Injection / Extraction Wells Along Sanitary Sewer Trench

Groundwater with strong gasoline odors was identified in the sewer line trench, and the need for additional investigation / remediation along the sewer line trench was anticipated. In response, six injection / extraction wells (SL-1 through SL-6) were installed adjacent to the sewer line in the existing gravel trench. SL-2, SL-3, and SL-4 are located within the area of soil excavation. SL-1 was installed approximately 55 feet east of the excavation, and SL-5 and SL-6 were installed approximately 50 and 80 feet, respectively, west of the excavation. Well construction diagrams are provided as **Attachment B**. These wells provide the means to monitor dissolved-phase contaminant concentrations in the sewer trench and may also be used for oxidant injection and extraction if additional remediation of groundwater in the trench is necessary.

The six SL wells were developed on October 18, 2016, and samples were collected from four of the wells (SL-1, SL-2, SL-4, and SL-5) on October 19, 2016. The samples were submitted for laboratory analysis of unleaded gasoline parameters by method 5030B/8260B. All six SL wells were sampled on December 2, 2016, in conjunction with quarterly groundwater monitoring. Contaminant concentrations exceeded their respective SHS-RUA

values in SL-4 and SL-5 during the first sampling event, and SL-4 and SL-2 during the second sampling event (benzene concentration 11.7 to 93.7 ug/L, 1,2,4-trimethylbenzene concentration 119 ug/L to 393 ug/L). Contaminant concentrations in SL-1, SL-3, and SL-6 have not exceeded their respective SHS-RUA values. The results are summarized in **Table 5.0**, and the laboratory analytical reports are included in **Attachment J**.

Sewer Line Trench Pilot Test

The sewer line is a gravity-flow line that flows from east to west across the site. On October 19, 2016, fluorescent dye was injected into SL-1, the most upgradient (with respect to the sewer line flow) sewer trench well. During the hour following injection, no dye was detected in any of the "downstream" sewer trench wells. After approximately one hour, potable water was then injected into SL-1 at a rate of approximately 4 gallons per minute for approximately two hours (total of approximately 480 gallons). Water levels in the sewer trench wells were monitored before, during, and after the injection. As water was injected into SL-1, the water level in all six of the SL points rose. After the injection of water was completed, the water level dropped in each well. A summary of water levels in the SL wells is provided in **Table 7.0**. Following the addition of water, the fluorescent dye remained highly visible in SL-1, and no dye was detected in any of the "downstream" sewer trench wells (SL-2 through SL-6).

The sewer trench wells were monitored again for dye on October 24 and November 11, 2016. No dye was detected in any of the "downstream" sewer trench wells. All of the sewer line wells were purged on December 1, 2016. On the following day, December 2, visible dye was detected in SL-3 and SL-4. Dye remained highly visible in the injection well (SL-1) throughout the pilot test.

The pilot test demonstrates the limited groundwater movement along the sewer trench under static conditions. The permeability within the sewer line trench is high as compared to the native soil around it, and the trench acts as a groundwater reservoir.

Vacuum Extraction

On December 14, 2016, a vacuum truck was used to extract impacted groundwater from SL-4 in the sewer line trench. SL-4 had exhibited the highest dissolved-phase contaminant concentrations of all of the sewer trench wells. Groundwater was also extracted from the UST cavity from EW-1R on the same day. A total of 3,000 gallons of groundwater was transported by McCutcheon Enterprises, Inc. and disposed at Danco Industries in Harrisville, PA. A copy of the bill of lading is provided as **Attachment L**.

One groundwater sample was collected from SL-4 in January 2017. Contaminant concentrations were below their respective SHS-RUA values. The data will be included in the first quarter 2017 RAPR.

Resurfacing

The area of asphalt disturbed during the excavation was resurfaced on October 26, 2016. Approximately 3 inches of base coat and a 1.5-inch topcoat were applied to an area of approximately 3,160 square feet.

Approximately 4,160 square feet of grassy area was landscaped following excavation. The landscaped area includes grassy hillside in the area of excavation as well as the soil and fill staging areas. Topsoil was spread and graded, grass seed was applied to the surface, and a protective layer of straw was applied.

The gravel driveway behind the building and the gravel area west of the store where the impacted soil was staged were also graded and resurfaced with 2B limestone. Areas of the trail on the CCWA property damaged during excavation were graded and covered with a layer of 2A gravel.

A portion of the retaining wall along the driveway was removed during excavation in order to access impacted soil beneath the wall. Solid concrete blocks measuring 2 x 2 x 6 feet were used to replace this portion of the retaining wall.

Oxidant Treatment of UST Cavity

IGI submitted a Request for Rule Authorization to the United States Environmental Protection Agency (USEPA) Regional Office and obtained the authorization for the placement of oxidants into the groundwater table at the site.

Oxidant Injection

Prior to excavation, approximately 160 pounds of RegenOx Part A was mixed in slurry form and injected into the UST cavity through cavity points CP-1 through CP-7 on August 29, 2016. The RegenOx was chased with approximately 415 gallons of potable water. On October 12, 2016, an additional 160 pounds of RegenOx Part A was mixed in slurry form and injected into CP-1 through CP-7 and chased with 861 gallons of water. A summary of the RegenOx injection is provided as **Table 8.0**.

Post RegenOx injection monitoring was completed on August 29, September 12, and November 7, 2016. Samples were collected from selected wells for analysis of dissolved oxygen and pH. The results are summarized in **Table 9.0**.

Vacuum Extraction

As discussed above, a vacuum truck was used to extract impacted groundwater from EW-1R in the UST cavity on December 14, 2016. A groundwater sample was collected from EW-1R. The results are summarized in **Table 10.0**, and the laboratory analytical report is provided as **Attachment M**.

Revised Conceptual Site Model

A revised conceptual site model was developed based on new information obtained during excavation and pilot testing and is provided as **Figure 7**.

Well Replacement

Monitoring wells MW-1, MW-3, MW-4, and P-2 and vapor monitoring wells VM-2 and VM-3 were destroyed during excavation and were replaced on November 1, 2016. The replacement wells were installed to their original depths and at their original locations except for MW-3R and MW-4R, which were each moved southeast to the property boundary, and VM-3R, which was moved north towards the retaining wall. Well construction diagrams are included in **Attachment B**.

On November 7, 2016, replacement wells MW-1R, MW-3R, MW-4R, and P-2R were developed, and samples were collected from MW-1R, MW-3R, MW-4R, and EW-1R. Well P-2R did not recover after development and was not sampled. The samples were submitted for laboratory analysis of unleaded gasoline parameters by EPA method 5030B/8260B. The results are summarized in **Table 11.0**, and the laboratory analytical report is provided as **Attachment N**.

Surveying

A survey of the subject property was completed on November 23, 2016, under the supervision of Robert R. Deglau of Allstate Surveying-Mapping Inc., a Professional Land Surveyor licensed in Pennsylvania. The survey included the location and elevation of replacement monitoring wells, sewer line wells, and updates to site utility locations. Mr. Deglau's survey was used as the base map for the maps included in this report.

Quarterly Groundwater Monitoring

Quarterly groundwater sampling was completed on December 1, 2, and 19, 2016, in accordance with the groundwater sampling plan. Depth to water measurements were recorded for 15 monitoring wells (MW-1 through MW-15). The wells were purged on December 1, 2016. Following recovery, monitoring wells MW-1, **MW-3R**, **MW-4R**, MW-5, MW-6, MW-7, **MW-8**, MW-9, MW-10, MW-11, MW-12, and extraction wells EW-1R and EW-2 were sampled on December 2, 2016. One duplicate sample was collected for quality assurance purposes.

Monitoring wells MW-2, **MW-13**, **MW-14** and MW-15 and well P-2R did not recover as of December 2, and were sampled via the low flow purging and sampling method on December 19, 2016. Well P-2R had excessive drawdown, even with low flow purging, and was not sampled. The samples were submitted for laboratory analysis of unleaded gasoline parameters by method 5030B/8260B. Depth to water measurements and calculated

groundwater elevations are summarized in **Table 12.0**, and the data were incorporated into a groundwater contour map, provided as **Figure 8**.

The groundwater analytical results are summarized in **Table 13.0**. A summary of contaminant concentrations exceeding their respective SHS-RUA values is provided below:

Well	Benzene (ug/L)	MTBE (ug/L)	1,2,4-Trimethylbenzene (ug/L)
MW-1R	289		
MW-3R	757		15.3
MW-8	96.3	203	
MW-10		23.3	
MW-13		81.5	

Concentrations of unleaded gasoline parameters do not exceed their respective SHS-RUA values in monitoring wells MW-2, **MW-4R**, MW-5, MW-6, MW-7, MW-9, MW-11, MW-12, **MW-14**, or MW-15.

Historical groundwater analytical results are summarized in **Table 14.0**. Laboratory analytical reports are provided as **Attachment O**. Isoconcentration maps utilizing data from the monitoring wells are provided as **Figures 9** through **11**.

Field measurements of dissolved oxygen (DO), oxidation-reduction potential (ORP), and pH were recorded for each well. DO concentrations range from 1.0 to 7.0 ppm. The data are summarized in **Table 15.0**. Historical groundwater chemistry results are summarized in **Table 16.0**.

Trend Graphs

Contaminant concentration trend graphs for source area and crossgradient and downgradient wells are provided as **Figures 12** and **13**, respectively. Contaminant concentrations have decreased in all source area wells following excavation of impacted soil, and no increasing trends are apparent. Additional data is necessary to determine if there are any trends following excavation of impacted soil.

CONCLUSIONS

Attainment of the SHS-RUA is demonstrated for soil based on the analytical results of confirmatory soil sampling following excavation.

Following excavation, noteworthy reductions in dissolved-phase contaminant concentrations were observed in the source area (MW-1R, MW-3R, MW-4R, and EW-2). However, high dissolved-phase contaminant concentrations remain in the UST cavity, as evidenced by the

analytical results for EW-1R, and groundwater impacts remain in source area monitoring wells MW-1R and **MW-3R** and downgradient wells **MW-8**, MW-10, and **MW-13**.

PROPOSED FUTURE ACTIONS

- Evaluate the post-remediation condition of groundwater in the sewer line trench.
- Prepare a RAP Addendum to address remaining groundwater contamination in the UST cavity and, if warranted, the sewer line trench.
- Continue quarterly groundwater monitoring.

RELEASES

March 19, 2014	Unleaded Gasoline	A release of unleaded gasoline was discovered during an upgrade of the tank tops. Strong odors were noted in the area of the sump on Tank 003, and SPL was observed on the pit water.

POTENTIAL RECEPTORS

Surface Water:	Cowanshannock Creek is located approximately 250 feet south of the UST cavity and is the nearest surface water feature. Groundwater at the site flows south toward the creek. Fate and transport modeling predicted that the MTBE concentration reaching Cowanshannock Creek is between 0 and 0.001 mg/L (1 ug/L). This concentration is below the SHS-RUA value for MTBE (20 ug/L) and the default water quality criteria for MTBE used in the PentoxSD model (20 ug/L). Therefore, no adverse effects to stream quality are anticipated.
Water Well Survey:	A search of the Pennsylvania Groundwater Information System (PaGWIS) database identified three water wells within 0.25 miles of the site. All three wells are located northwest and upgradient/crossgradeint of the site. The nearest well is approximately 700 feet from the site. None of these wells is likely to be impacted by the release at the site.
Municipal Water Supply:	The facility is serviced by public water supplied by the Cowanshannock Township Municipal Authority. Valley Village is the last customer on the water line. Properties to the east receive public water from the Rural Valley Municipal Authority.

Cowanshannock Township Municipal Authority obtains its water from a number of wells located greater than 1.5 miles north of SR 85. The wells are greater than 150 feet in depth. Rural Valley Municipal Authority obtains its water from several wells and springs. Most of these are located greater than one mile from Valley Village. One well is located 200 yards south of State Route 85 and approximately 0.5 miles east of Valley Village. The wells are greater than 150 feet in depth. All of these wells are located upgradient or crossgradient of the property and are not likely to be impacted by the release at the site.

SITE HISTORY

- 1985: The subject property was developed as a gasoline retail station and convenience store. The existing gasoline USTs (Tanks 001 through 003) and a diesel fuel UST (Tank 004, later removed) were installed at that time. Previously, the property was undeveloped.

- March 2014: A release of unleaded gasoline was discovered and reported during an upgrade of the tank tops. Strong odors were noted in the area of the sump on Tank 003, and SPL was observed on the pit water. Two soil samples and one groundwater sample were collected and submitted for laboratory analysis of unleaded gasoline parameters. Concentrations of unleaded gasoline parameters exceeded their respective SHS-RUA values in both soil and groundwater.

- June 2014: IGI completed five soil borings (B-1, B-2, B-3, B-4 and B-5), installed one nested vapor monitoring point (VM-1, 2 - 3 feet bgs and 4 - 5 feet bgs screened intervals) and installed five monitoring wells (MW-1, MW-2, **MW-3**, **MW-4** and MW-5) on the Valley Village property. Concentrations of unleaded gasoline parameters exceeded their respective SHS-RUA values in both soil and groundwater.

- August 2014: IGI completed five additional soil borings (B-6, B-7, B-8, B-9 and B-10) and installed six additional monitoring wells (MW-6, MW-7, **MW-8**, MW-9, MW-10 and MW-11) and one pilot test well (PT-1). Some of the soil borings and monitoring wells were installed on the downgradient CCWA property in accordance with a signed property access agreement. The extent of impact to soil and groundwater was not defined.

- September 2014: Slug tests were completed in monitoring wells MW-1, **MW-8** and MW-10. Permeability was calculated to be 0.4 feet/day (MW-1), 0.004 feet/day (**MW-8**), and 0.005 feet/day (MW-10).

- September 2014 – January 2015: Installed VM-2 and VM-3. Soil vapor sampling was completed. Contaminant concentrations did not exceed their respective Nonresidential MSC_{SG} values in any of the soil vapor monitoring points. The benzene concentration

exceeded the Residential MSC_{SG} value in VM-3 (installed in the source area) during the first of two sampling events for this soil vapor point.

- November 2014: IGI requested a property access agreement with Consol Energy, owner of the next property downgradient from the CCWA property. Consol Energy denied the request in an email dated November 11, 2014. Therefore, no additional monitoring wells could be installed downgradient of MW-10, and the extent of impact to groundwater could not be fully delineated in the downgradient direction.

- November – December 2014: IGI completed an in situ chemical oxidation pilot study using PersulfOx. A test pit was excavated into the groundwater table in an area of highly impacted soil and groundwater, and approximately 115 pounds of PersulfOx was mixed with the soil in the saturated zone. Soil and groundwater samples were collected at specified times before and after the oxidant application to evaluate the effectiveness of the product. The pilot study showed that PersulfOx was able to oxidize gasoline contaminants in both soil and groundwater, but that there was little effect on contaminant concentrations downgradient of the test pit due to the large amount of adsorbed phase contaminant mass at the site.

- December 2014: IGI completed two soil borings (B-11 and B-12) and installed one monitoring well (MW-12), one extraction well (EW-1), and four UST cavity injection wells (CP-1 through CP-4). Concentrations of unleaded gasoline parameters did not exceed their respective SHS-RUA values in soil or groundwater. The extent of impact to soil was fully delineated during this investigation. The extent of impact to groundwater was delineated to the extent possible.

- December 2014: Approximately 338 gallons of groundwater and product globules was removed from the UST cavity using vacuum extraction.

- March 2015: An SCR/RAP was submitted to the PADEP. The SHS-RUA was selected as the cleanup standard, and the proposed remediation included a combination of excavation and oxidant application.

- June 2015: The PADEP approved the SCR/RAP with modifications.

- October 2015: Monitoring wells **MW-13, MW-14**, and MW-15, extraction well EW-2, piezometers P-1 and P-2, and vapor monitoring point VM-4 were drilled and installed.

- August 2016: Approximately 160 pounds of RegenOx Part A was mixed in slurry form and injected into the UST cavity.

- September – October 2016:
  - A total of 1,919.71 tons of impacted soil was excavated and disposed at Greentree Landfill in Kersey, PA. Attainment of the SHS-RUA was demonstrated for soil.

- A total of 10,781 gallons of groundwater was extracted during excavation and disposed at Danco Industries in Harrisville, PA.
- A PlumeStop barrier was installed along the downgradient property boundary. A total of 4,000 pounds of PlumeStop and 495 pounds of ORC was applied to a trench approximately 70 feet long, 5 feet wide, and 17 feet deep.
- An additional 160 pounds of RegenOx Part A was mixed in slurry form and injected into the UST cavity.
- Wells MW-1R, MW-3R, MW-4R, P-2R, EW-1R were installed to replace wells removed during excavation.

GEOLOGY

Regional Geology

The site is located in the Intermontane Pittsburgh Low Plateau Section of the Allegheny Plateau Physiographic Province. The Appalachian Plateau Province extends in a northeast direction from northern Alabama to New York. In Pennsylvania it occupies more than 26,000 square miles, nearly 60 percent of the total area of the state. This province is characterized by folded bedrock where the ridges are supported by anticlines and the valleys are underlain by synclines. The province in Pennsylvania is divided into seven sections, based on the elevations along the ridges and the depth of erosion. The bedrock in the Pittsburgh Low Plateau is gently folded with dips seldom exceeding five degrees. The rock types are mostly shale with sandstone, siltstone and limestone occurring locally.[1]

The site is underlain by rocks of Pennsylvanian age. Stratigraphically, the highest geologic formation is the Casselman Formation, which outcrops on ridge tops east of the site. The extent and thickness of this formation is limited. The formation below the Casselman is the Glenshaw Formation. This unit consists primarily of marine shale and limestones, with locally mined coal deposits. Documented strip mining activity took place in the area between 1990 and 2005.

The Allegheny Formation underlies the site, SR 85 west of Yatesborough, PA and portions of Cowanshannock Creek. The Allegheny Formation includes repeating cycles of coal, limestone and sediments ranging from claystone to coarse sandstone. This unit was defined to include all the economically significant coal seam in the area. The Upper Freeport is defined as the upper boundary of the Allegheny and has been extensively deep mined south and east of the site. The mining took place between 1896 and 1931 in the Yatesborough Number 2 and Number 3 mines.[2]

[1] Shultz, Charles H, ed. The Geology of Pennsylvania. Pennsylvania Geological Survey and the Pittsburgh Geological Society, 1999.
[2] www.emappa.dep.state.pa.us/

Structurally the site sits between the axes of two anticlines and is near the axis of a syncline.[3] The anticipated dip of the rock is expected to be near zero.

The soils at the site are classified as the Ernest series of soils which are derived from colluvial material that moved down slope from nearby uplands. Soil Conservation Service maps indicate the presence of these soils north and south of Route 85 and Cowanshannock Creek and along creeks and valley walls in the area.[4]

Site Geology and Hydrogeology

The subsurface at the site consists primarily of silty clay with weathered sandstone and shale fragments and traces of sand, gravel and scoria (burned shale and sandstone). The thickness of the silty clay layer ranges from 9 to 24 feet thick. Overall the material tends to be stiff to hard with some thin, soft zones. The poorly sorted texture and varied composition are characteristic of a colluvial soil.

In some areas, the colluvial silty clay is overlain with several feet of fill consisting of sand, gravel, weathered shale, silty clay, and cinders in varying combinations. Residual soils were only identified in four borings and consisted of gray plastic silty clay encountered at a depth of approximately 18 feet bgs and weathered shale and sandstone occurring between 19 and 27 feet bgs.

Groundwater is present in thin, discontinuous zones throughout the site. These thin, groundwater-bearing zones are most abundant between 2 to 6 feet bgs but were also identified as deep as 17 feet bgs. Some of the thin, groundwater-bearing zones were identified in shallow fill material. Other thin, groundwater-bearing zones were identified within soft zones in the otherwise stiff to hard colluvium. Because the groundwater-bearing zones are very thin, the total volume of groundwater present at the site is relatively low. Fill material in the UST cavity consists of pea gravel and shale fill. The static groundwater level in the UST cavity ranges from approximately 2 to 3 feet bgs. The UST cavity acts as a groundwater reservoir that slowly surcharges the thin, groundwater-bearing zones at the site. During dry periods when the groundwater level in the UST cavity is lower, groundwater flow through the shallowest groundwater-bearing zones may be limited.

During dry periods, groundwater recovery at the site is very slow following groundwater extraction (days to weeks). During wetter periods, groundwater may recover more quickly. Slug test results indicated that the permeability ranged from 0.4 feet per day in MW-1, located in close proximity to the UST cavity, to 0.004 feet per day in MW-8, located farther downgradient.

[3] Berg, T.M., Edmunds, W.E., et. al., Geologic map of Pennsylvania, second ed. Pennsylvania Geologic Survey, 1980.
[4] Martin, Geroge D. Soil Survey of Armstrong County, Pennsylvania. United States Department of Agriculture Soil Conservation Service, the Pennsylvania State University College of Agriculture and the Pennsylvania Department of Environmental Resources State Conservation Commission, 1977.

Based on the results of various pilot tests, it appears that the shallow groundwater-bearing zones are more permeable than the deeper zones. Piezometers screened exclusively in the deeper zone did not exhibit influence during a vacuum extraction pilot test while wells screened exclusively in the shallow zone and wells screened throughout the groundwater-bearing zones did exhibit influence. During a pilot study in which PersulfOx was injected into a shallow trench, the injected product was indentified in a monitoring well located 63 feet downgradient within 10 days. During the excavation of the PersulfOx pilot study trench, a thin, water-bearing zone was encountered within a layer of sandstone cobbles at 3 feet bgs.

Generally, groundwater flows southward toward Cowanshannock Creek, which is the likely groundwater receptor and topographically the lowest point south of the UST cavity.

Measurable separate phase liquid (SPL) has not been recorded on the groundwater surface in any of the wells at the site. However, SPL globules were identified on the water surface during excavation of the PersulfOx pilot study trench and during installation of UST cavity injection point CP-4 and extraction wells EW-1 and EW-2.

PERMITS / ACCESS AGREEMENTS

- Property Access Agreement with CCWA for completion of soil borings and installation of mointoring wells on the adjacent CCWA propety.
- Property Access Agreement with CCWA for excavation of impacted soil on the adjacent CCWA propety.

IGI requested a property access agreement with Consol Energy, owner of the next property downgradient from the CCWA property. Consol Energy denied the request in an email dated November 11, 2014.

MONITORING

Well Specifications:	Fifteen, 2-inch diameter monitoring wells (MW-1 through MW-15). One, 2-inch diameter pilot test well (PT-1). Two, 4-inch diameter extraction well (EW-1 and EW-2). One nested set of 1-inch diameter soil vapor monitoring points (VM-1). Three single 1-inch diameter soil vapor monitoring points (VM-2 through VM-4). Two, 2-inch piezometers (P-1 and P-2).
Gauging Frequency:	Quarterly at all monitoring wells.

Sampling Frequency:	Quarterly at all monitoring wells.
Analytical Laboratories Used:	ESC Lab Sciences, Mt. Juliet, TN. Pace Analytical Services, Inc., Greensburg, PA.
Analytical Method Used:	EPA Method 5030B/8260B for unleaded gasoline parameters in groundwater.

ATTACHMENTS

Figure 1: Topographic Map
Figure 2: Site Map
Figure 3: Excavation Layout Map
Figure 4: Area of Excavation Map
Figure 5: Proposed vs. Actual Excavation Map
Figure 6: Confirmatory and Reuse Soil Sampling Locations
Figure 7: Conceptual Site Model
Figure 8: Groundwater Contour Map
Figure 9: Benzene Isoconcentration Map
Figure 10: MTBE Isoconcentration Map
Figure 11: 1,2,4-Trimethylbenzene Isoconcentration Map
Figure 12: Contaminant Concentration Trend Graphs (Source Area)
Figure 13: Contaminant Concentration Trend Graphs (Crossgradient and Downgradient Wells)

Table 1.0: FC-1 Soil Sampling Analytical Results
Table 2.0: Confirmatory Soil Sampling Analytical Results
Table 3.0: Reuse Soil Analytical Results
Table 4.0: Frac Tank Water Analytical Results
Table 5.0: Sanitary Sewer Trench Groundwater Analytical Results
Table 6.0: Sanitary Sewer Water Analytical Results
Table 7.0: Sewer Line Trench Water Levels
Table 8.0: RegenOx Part A Injection Summary
Table 9.0: Post-RegenOx Injection Monitoring Results
Table 10.0: EW-1R Groundwater Analytical Results
Table 11.0: Well Development Groundwater Analytical Results
Table 12.0: Monitoring Well Gauging Data
Table 13.0: Groundwater Analytical Results – Quarterly Groundwater Monitoring
Table 14.0: Historical Groundwater Analytical Results
Table 15.0: Groundwater Chemistry
Table 16.0: Historical Groundwater Chemistry Results

ATTACHMENT A: Well Abandonment Forms
ATTACHMENT B: Soil Boring Logs / Well Construction Diagrams
ATTACHMENT C: Modified UST Report
ATTACHMENT D: Soil Disposal Manifests
ATTACHMENT E: Laboratory Analytical Reports – Confirmatory Soil Sampling
ATTACHMENT F: Laboratory Analytical Report – Reuse Soil
ATTACHMENT G: Laboratory Analytical Report – Frac Tank Water
ATTACHMENT H: Groundwater Disposal Manifest
ATTACHMENT I: PADEP Report
ATTACHMENT J: Laboratory Analytical Reports – Sanitary Sewer Trench
ATTACHMENT K: Laboratory Analytical Report – Sanitary Sewer
ATTACHMENT L: Bill of Lading – Vacuum Extraction
ATTACHMENT M: Laboratory Analytical Report - EW-1R
ATTACHMENT N: Laboratory Analytical Report – Well Development
ATTACHMENT O: Laboratory Analytical Report – Quarterly Groundwater Monitoring

FIGURES

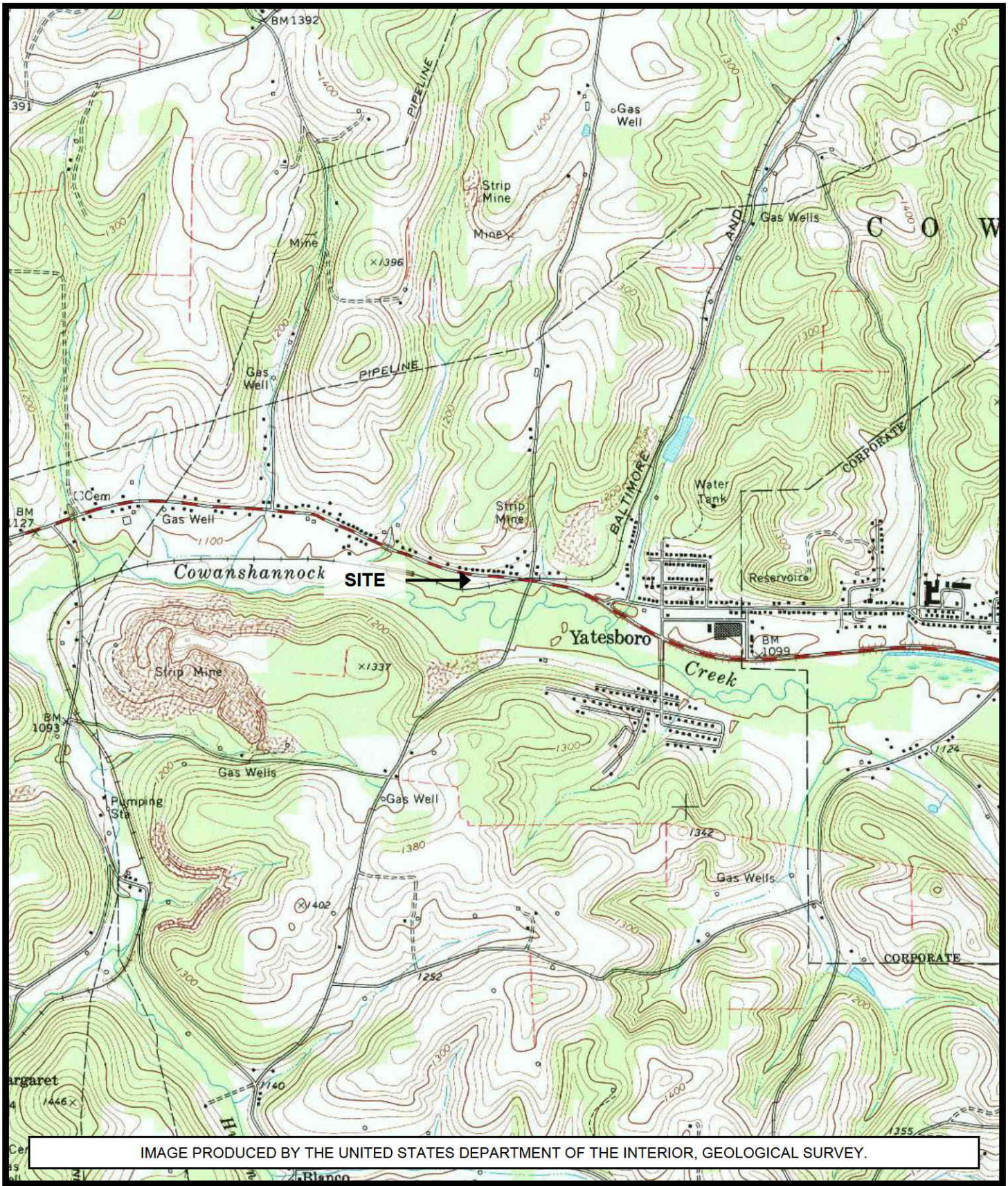


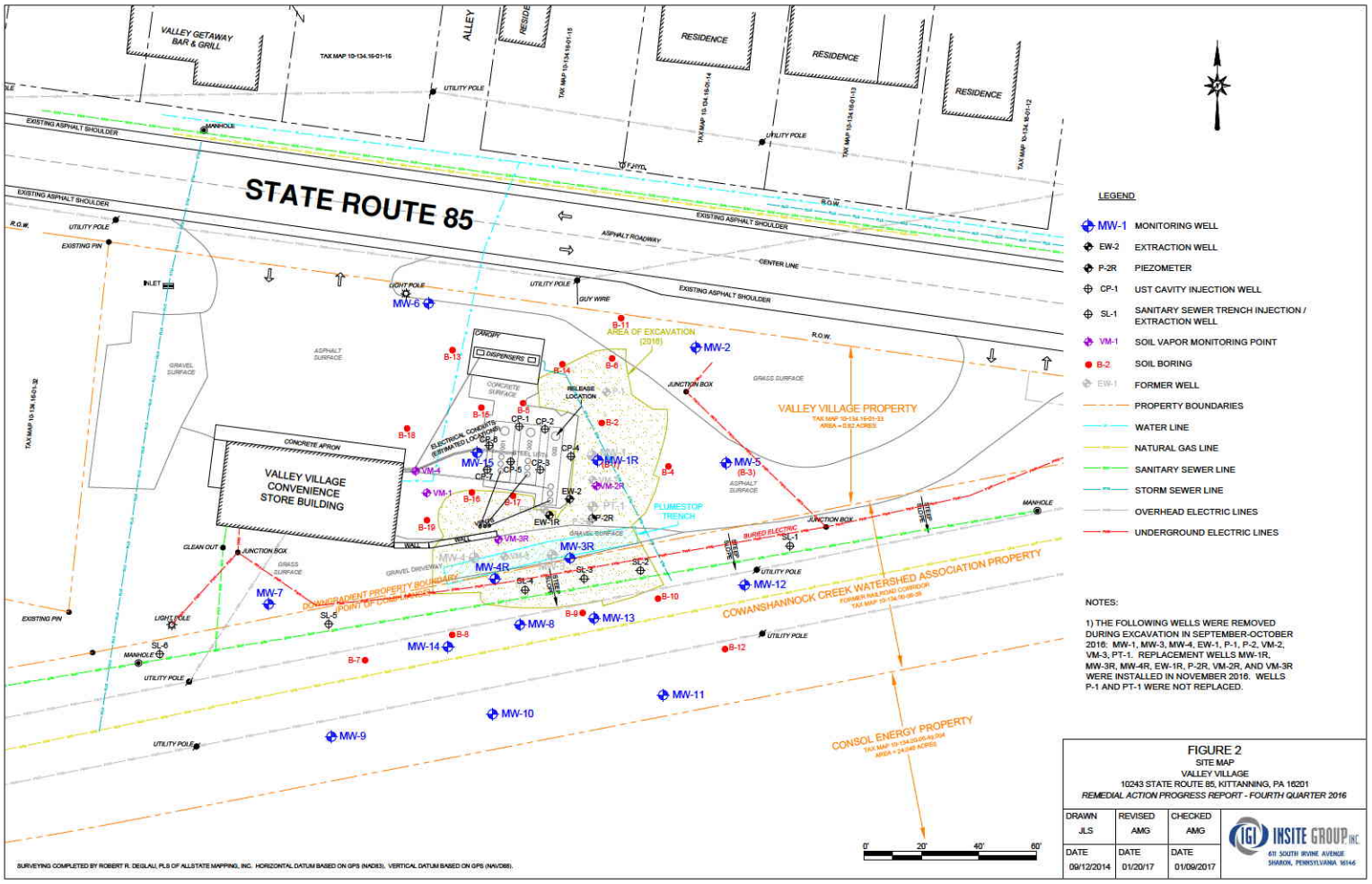
IMAGE PRODUCED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.

IGI INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146

RURAL VALLEY, PA QUADRANGLE
1969
PHOTOINSPECTED 1990

7.5-MINUTE SERIES
CONTOUR INTERVAL 20 FEET

FIGURE 1
TOPOGRAPHIC MAP
VALLEY VILLAGE
10243 STATE ROUTE 85
KITTANNING, PA 16201-8165



LEGEND

MW-1	MONITORING WELL
EW-2	EXTRACTION WELL
P-2R	PIEZOMETER
CP-1	UST CAVITY INJECTION WELL
SL-1	SANITARY SEWER TRENCH INJECTION / EXTRACTION WELL
VM-1	SOIL VAPOR MONITORING POINT
B-2	SOIL BORING
EW-1	FORMER WELL
	PROPERTY BOUNDARIES
	WATER LINE
	NATURAL GAS LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	OVERHEAD ELECTRIC LINES
	UNDERGROUND ELECTRIC LINES

NOTES:

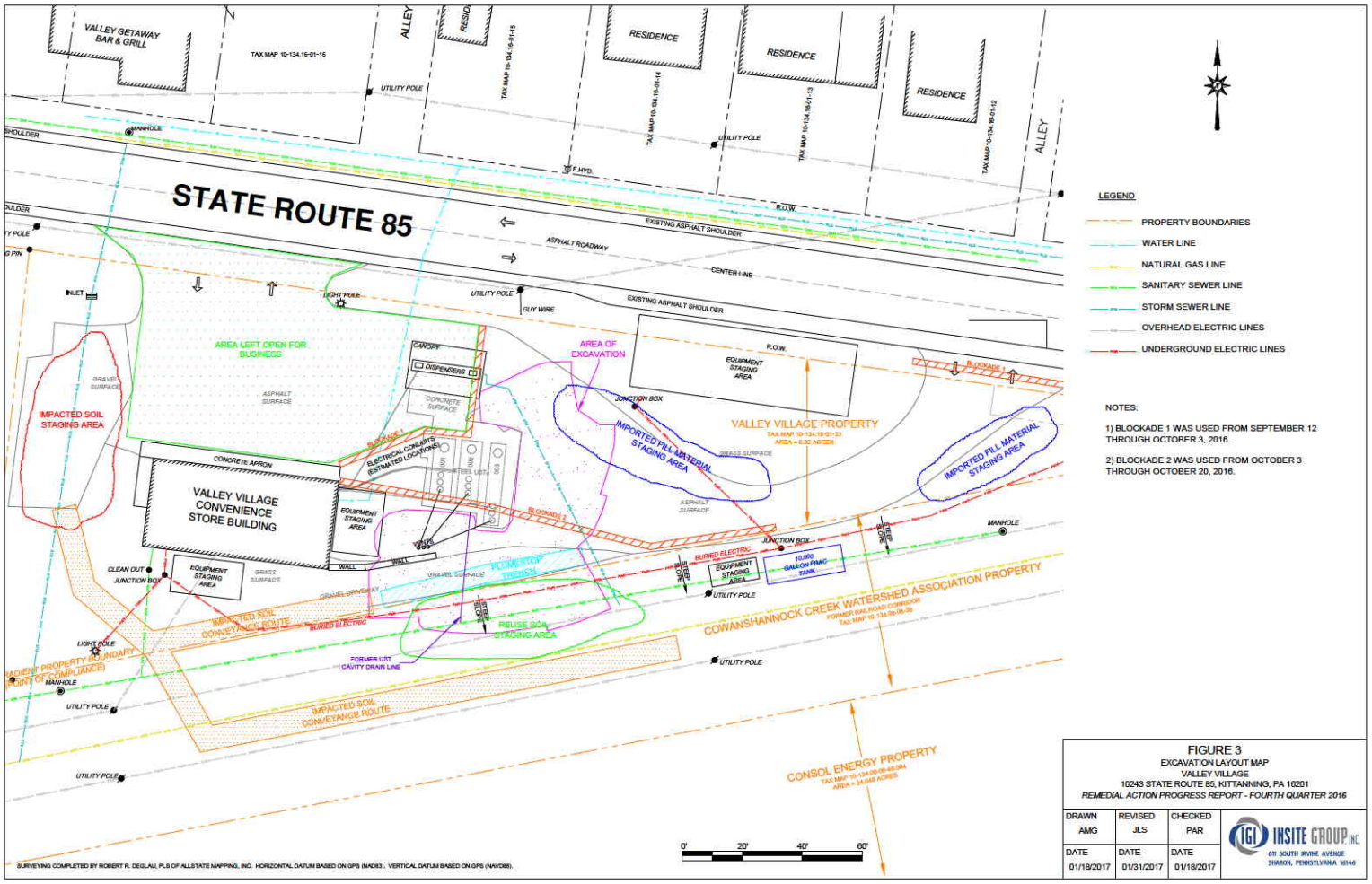
1) THE FOLLOWING WELLS WERE REMOVED DURING EXCAVATION IN SEPTEMBER-OCTOBER 2016: MW-1, MW-3, MW-4, EW-1, P-1, P-2, VM-2, VM-3, PT-1. REPLACEMENT WELLS MW-1R, MW-3R, MW-4R, EW-1R, P-2R, VM-2R, AND VM-3R WERE INSTALLED IN NOVEMBER 2016. WELLS P-1 AND PT-1 WERE NOT REPLACED.

SURVEYING COMPLETED BY ROBERT R. DEGLALI, PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

FIGURE 2
SITE MAP
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
JLS	AMG	AMG
DATE	DATE	DATE
09/12/2014	01/20/17	01/09/2017

INSITE GROUP, INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146



LEGEND

- PROPERTY BOUNDARIES
- WATER LINE
- NATURAL GAS LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OVERHEAD ELECTRIC LINES
- UNDERGROUND ELECTRIC LINES

NOTES:

1) BLOCKADE 1 WAS USED FROM SEPTEMBER 12 THROUGH OCTOBER 3, 2016.

2) BLOCKADE 2 WAS USED FROM OCTOBER 3 THROUGH OCTOBER 20, 2016.

SURVEYING COMPLETED BY ROBERT R. DEGLALI, PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

FIGURE 3
EXCAVATION LAYOUT MAP
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
AMG	JLS	PAR
DATE	DATE	DATE
01/18/2017	01/31/2017	01/18/2017

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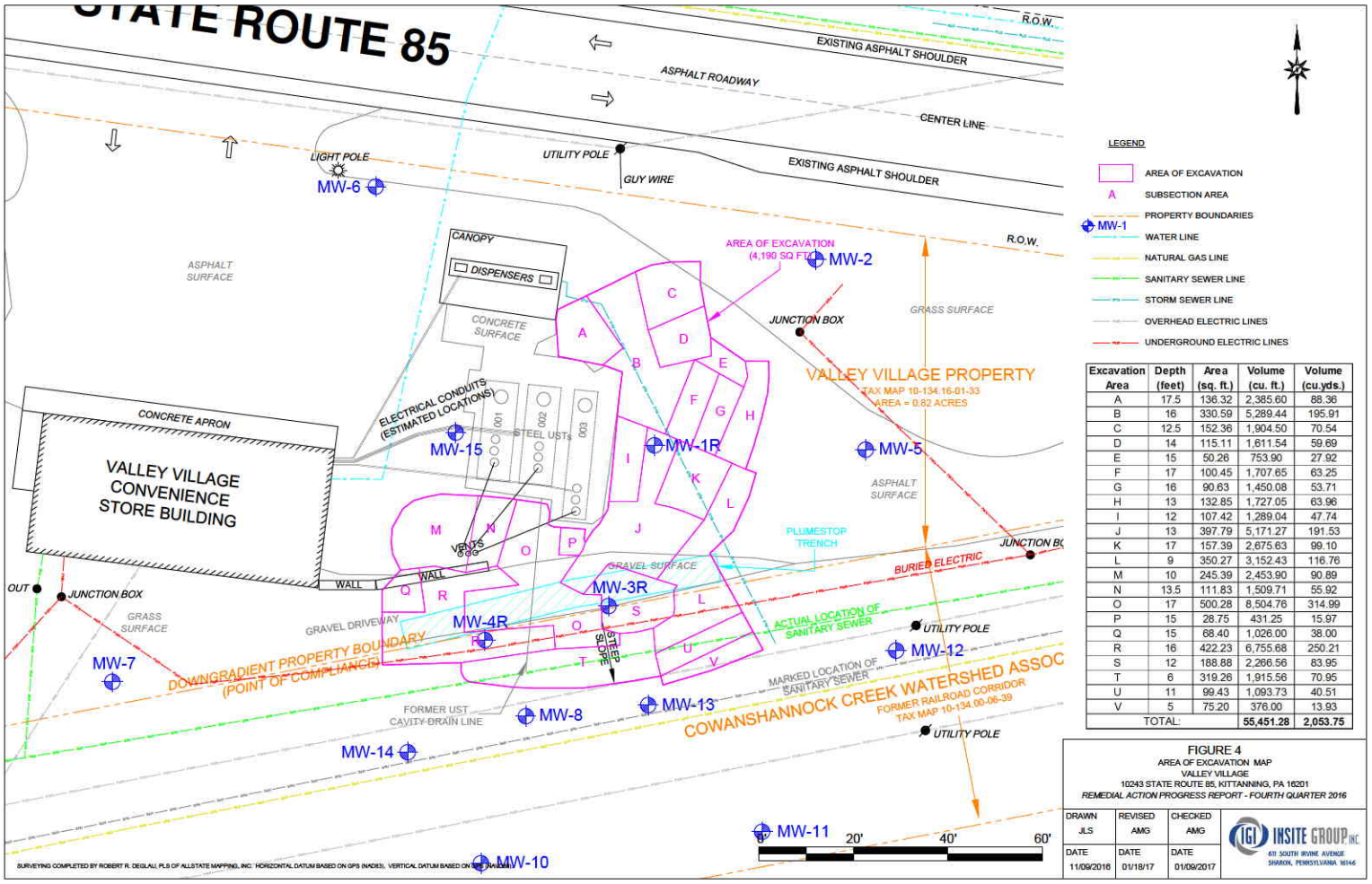

Excavation Area	Depth (feet)	Area (sq. ft.)	Volume (cu. ft.)	Volume (cu.yds.)
A	17.5	136.32	2,385.60	88.36
B	16	330.59	5,289.44	195.91
C	12.5	152.36	1,904.50	70.54
D	14	115.11	1,611.54	59.69
E	15	50.26	753.90	27.92
F	17	100.45	1,707.65	63.25
G	16	90.63	1,450.08	53.71
H	13	132.85	1,727.05	63.96
I	12	107.42	1,289.04	47.74
J	13	397.79	5,171.27	191.53
K	17	157.39	2,675.63	99.10
L	9	350.27	3,152.43	116.76
M	10	245.39	2,453.90	90.89
N	13.5	111.83	1,509.71	55.92
O	17	500.28	8,504.76	314.99
P	15	28.75	431.25	15.97
Q	15	68.40	1,026.00	38.00
R	16	422.23	6,755.68	250.21
S	12	188.88	2,266.56	83.95
T	6	319.26	1,915.56	70.95
U	11	99.43	1,093.73	40.51
V	5	75.20	376.00	13.93
TOTAL:			**55,451.28**	**2,053.75**

FIGURE 4
AREA OF EXCAVATION MAP
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
JLS	AMG	AMG
DATE	DATE	DATE
11/09/2016	01/18/17	01/09/2017

INSITE GROUP, INC.
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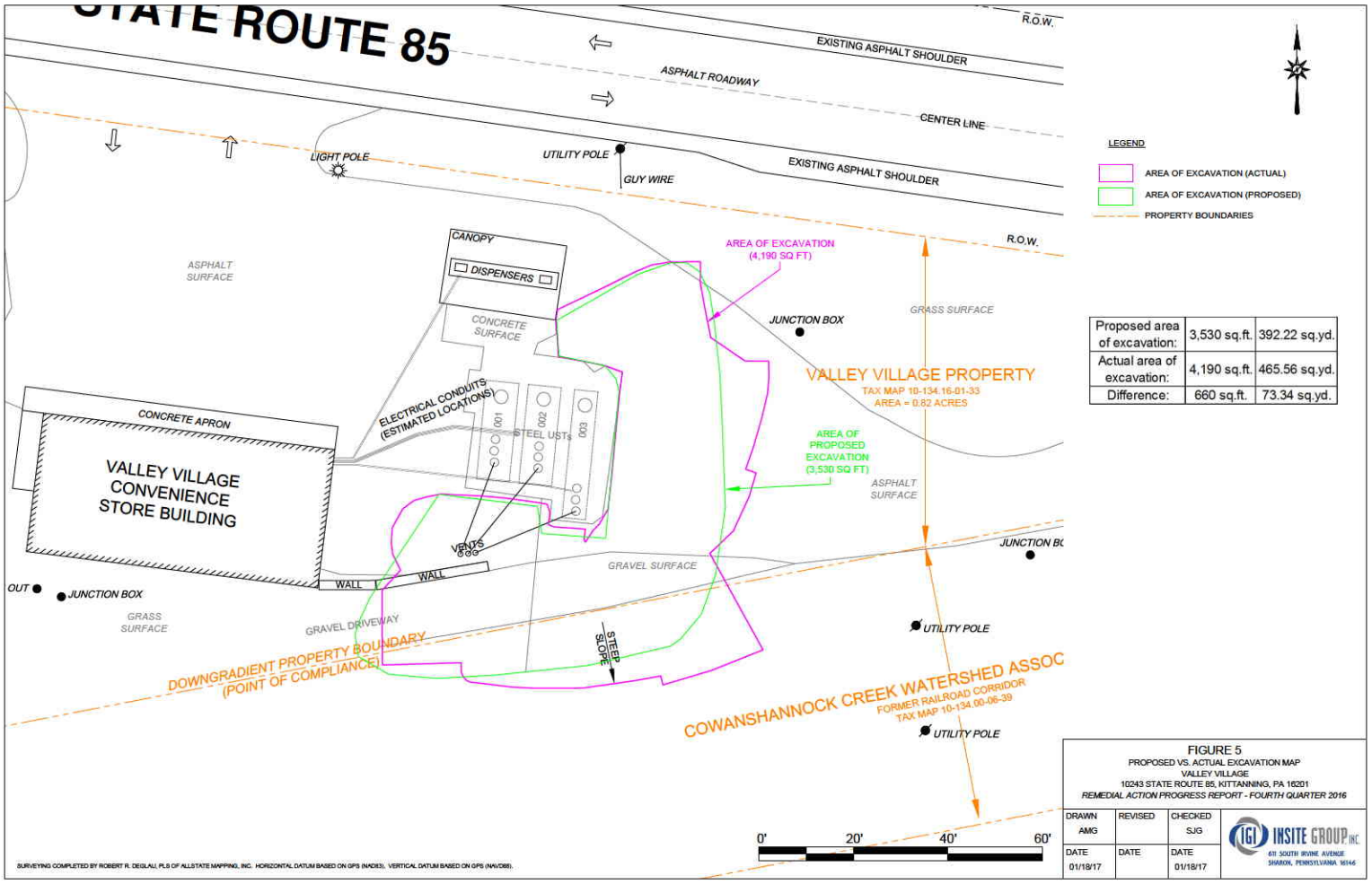
SHARON, PENNSYLVANIA 16146



Proposed area of excavation:	3,530 sq.ft.	392.22 sq.yd.
Actual area of excavation:	4,190 sq.ft.	465.56 sq.yd.
Difference:	660 sq.ft.	73.34 sq.yd.

SURVEYING COMPLETED BY ROBERT R. DEGLALL PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

FIGURE 5

PROPOSED VS. ACTUAL EXCAVATION MAP
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
AMG		SJG
DATE 01/18/17	DATE	DATE 01/18/17

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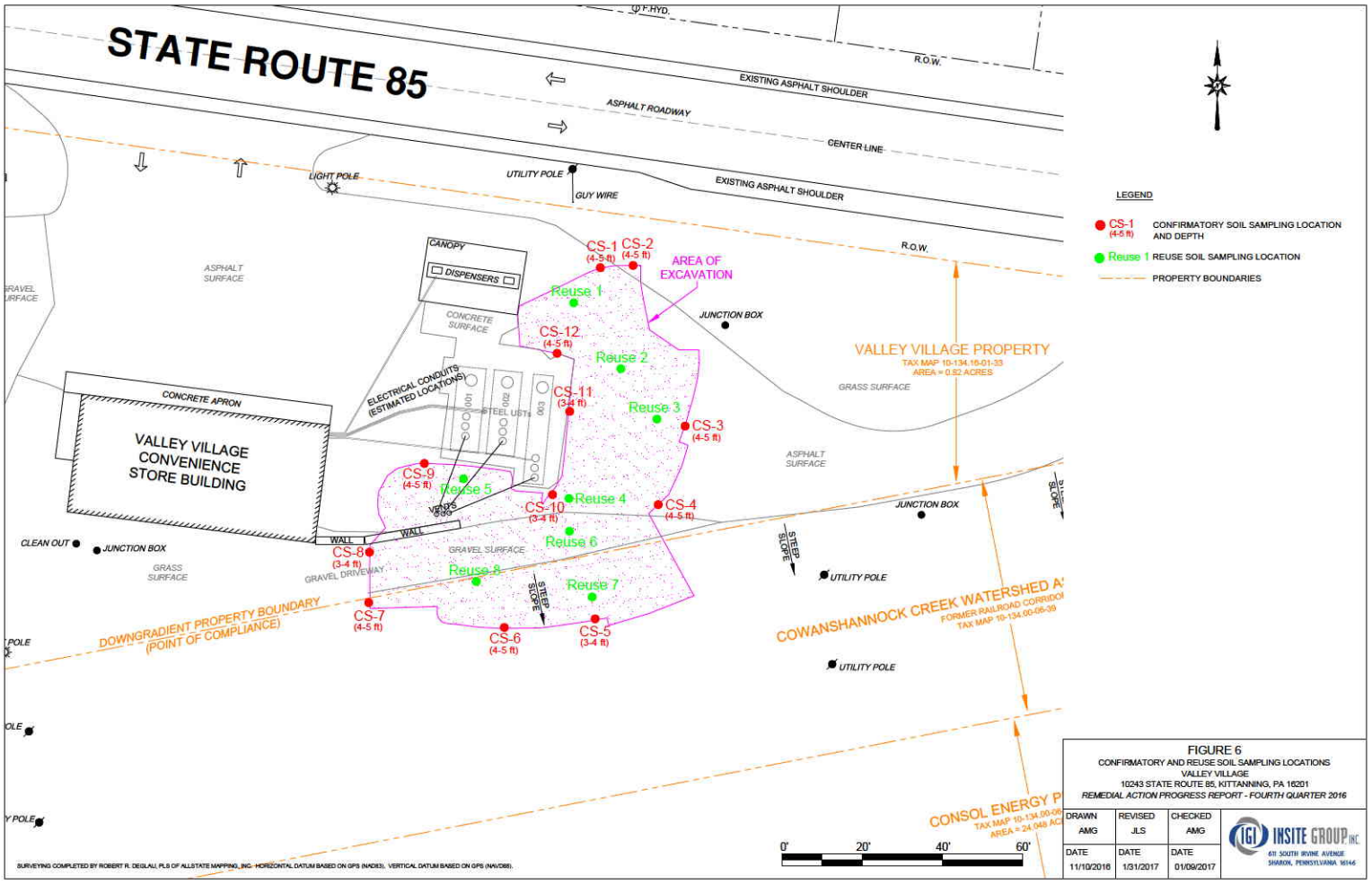

FIGURE 6

CONFIRMATORY AND REUSE SOIL SAMPLING LOCATIONS
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
AMG	JLS	AMG
DATE	DATE	DATE
11/10/2016	1/31/2017	01/09/2017

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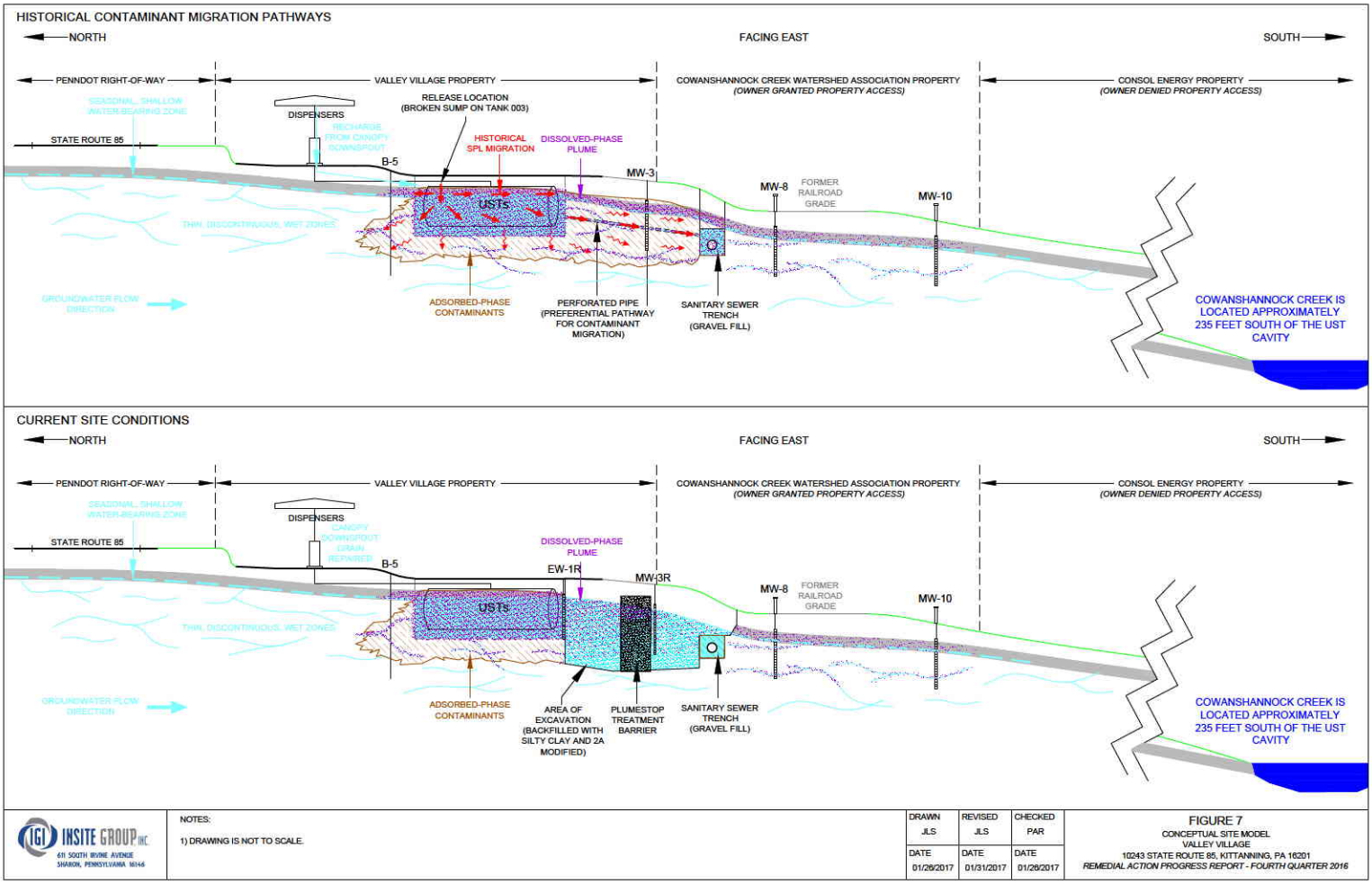

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NOTES:

1) DRAWING IS NOT TO SCALE.

DRAWN	REVISED	CHECKED
JLS	JLS	PAR
DATE 01/26/2017	DATE 01/31/2017	DATE 01/26/2017

FIGURE 7
CONCEPTUAL SITE MODEL
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

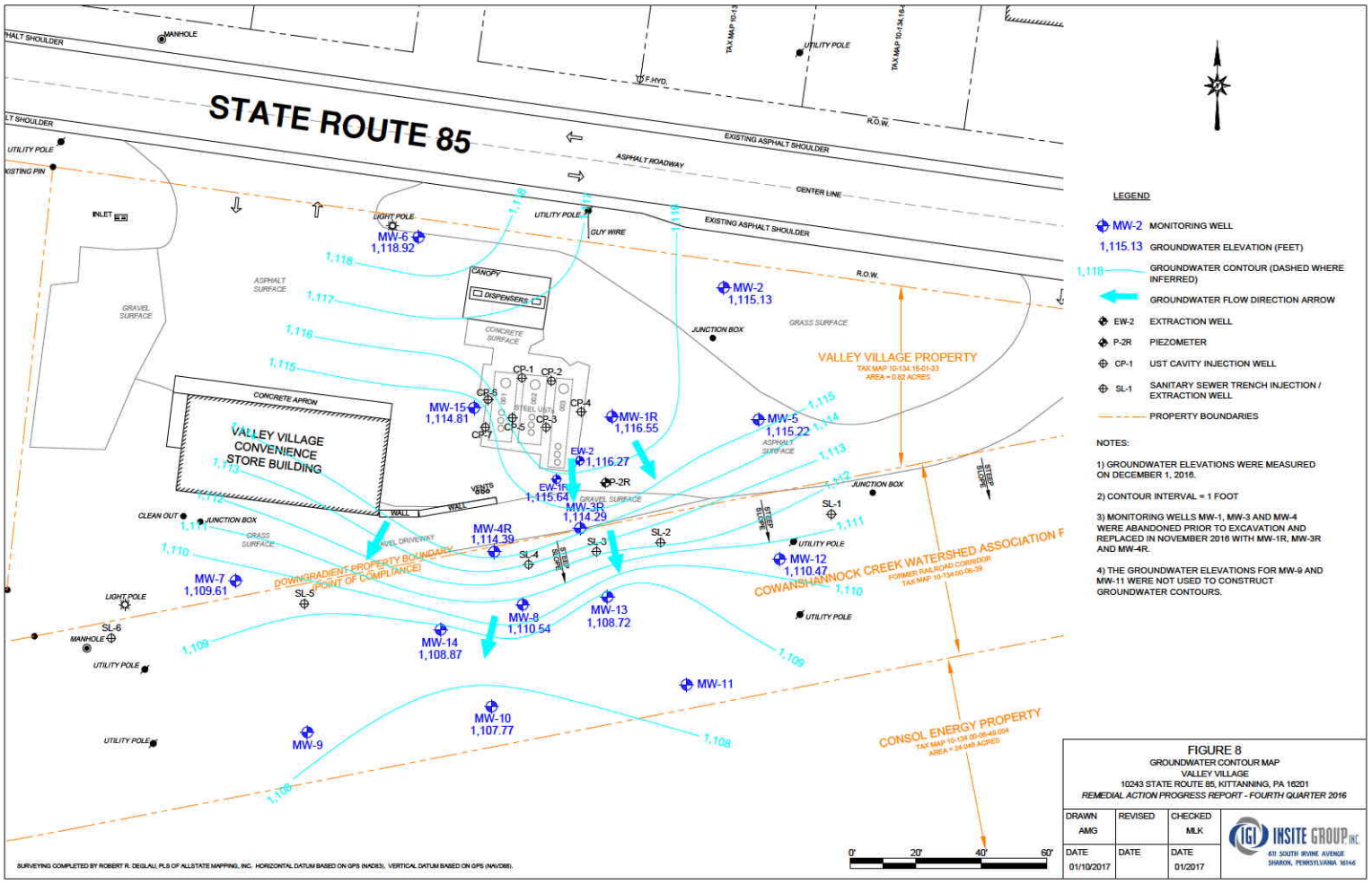

FIGURE 8
GROUNDWATER CONTOUR MAP
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
AMG		MLK
DATE	DATE	DATE
01/10/2017		01/2017

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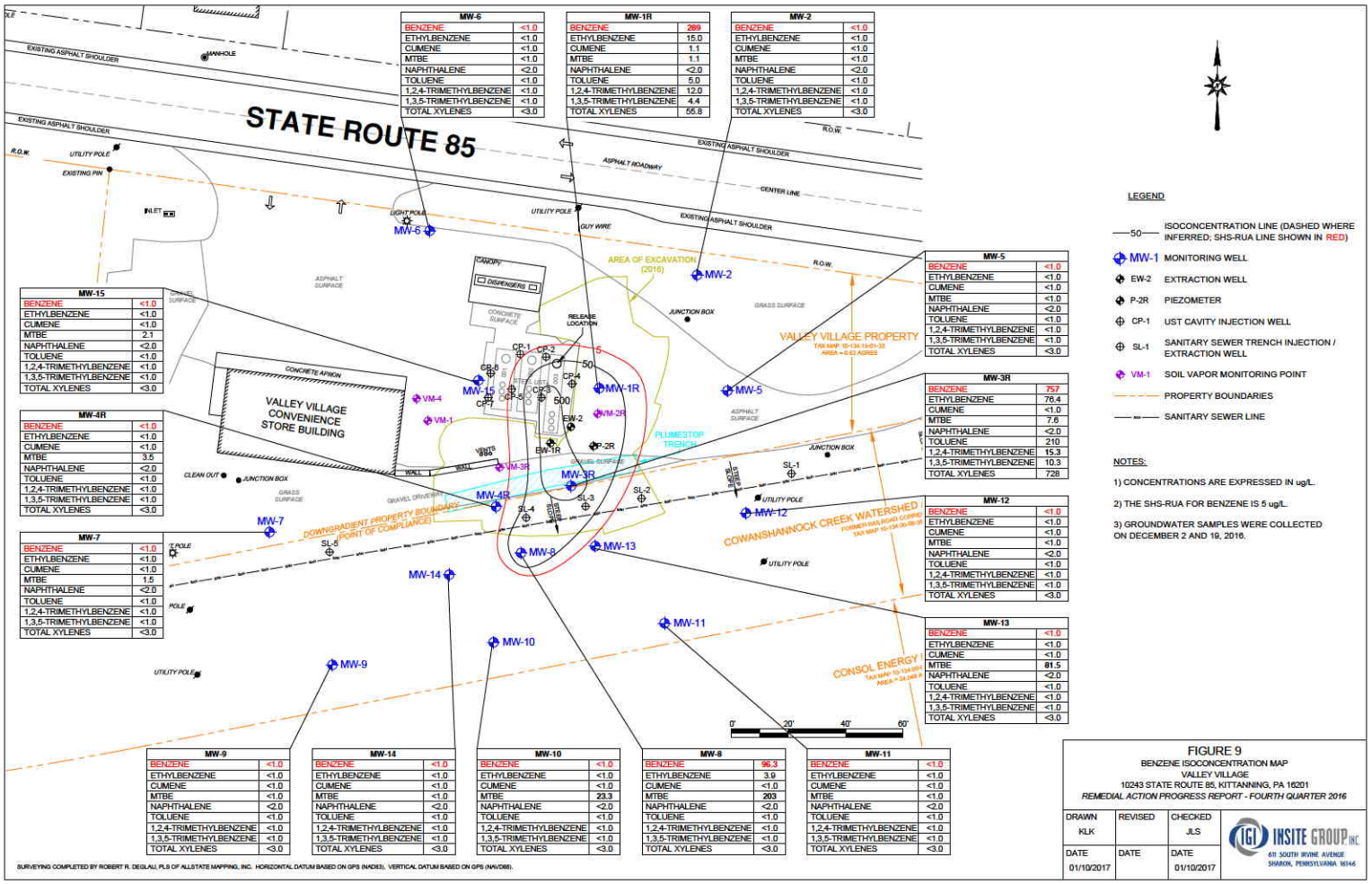


MW-6	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-1R	
BENZENE	289
ETHYLBENZENE	15.0
CUMENE	1.1
MTBE	1.1
NAPHTHALENE	<2.0
TOLUENE	5.0
1,2,4-TRIMETHYLBENZENE	12.0
1,3,5-TRIMETHYLBENZENE	4.4
TOTAL XYLENES	55.8

MW-2	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-15	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	2.1
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-4R	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	3.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-7	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	1.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-9	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-14	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-10	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	23.3
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-8	
BENZENE	96.3
ETHYLBENZENE	3.9
CUMENE	<1.0
MTBE	203
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-11	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-5	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-3R	
BENZENE	757
ETHYLBENZENE	76.4
CUMENE	<1.0
MTBE	7.6
NAPHTHALENE	<2.0
TOLUENE	210
1,2,4-TRIMETHYLBENZENE	15.3
1,3,5-TRIMETHYLBENZENE	10.3
TOTAL XYLENES	728

MW-12	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-13	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	81.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

LEGEND

- 50 — ISOCONCENTRATION LINE (DASHED WHERE INFERRED; SHS-RUA LINE SHOWN IN RED)
- MW-1 MONITORING WELL
- EW-2 EXTRACTION WELL
- P-2R PIEZOMETER
- CP-1 UST CAVITY INJECTION WELL
- SL-1 SANITARY SEWER TRENCH INJECTION / EXTRACTION WELL
- VM-1 SOIL VAPOR MONITORING POINT
- PROPERTY BOUNDARIES
- SANITARY SEWER LINE

NOTES:

1) CONCENTRATIONS ARE EXPRESSED IN ug/L.

2) THE SHS-RUA FOR BENZENE IS 5 ug/L.

3) GROUNDWATER SAMPLES WERE COLLECTED ON DECEMBER 2 AND 19, 2016.

SURVEYING COMPLETED BY ROBERT R. DEGLALI PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

FIGURE 9

BENZENE ISOCONCENTRATION MAP

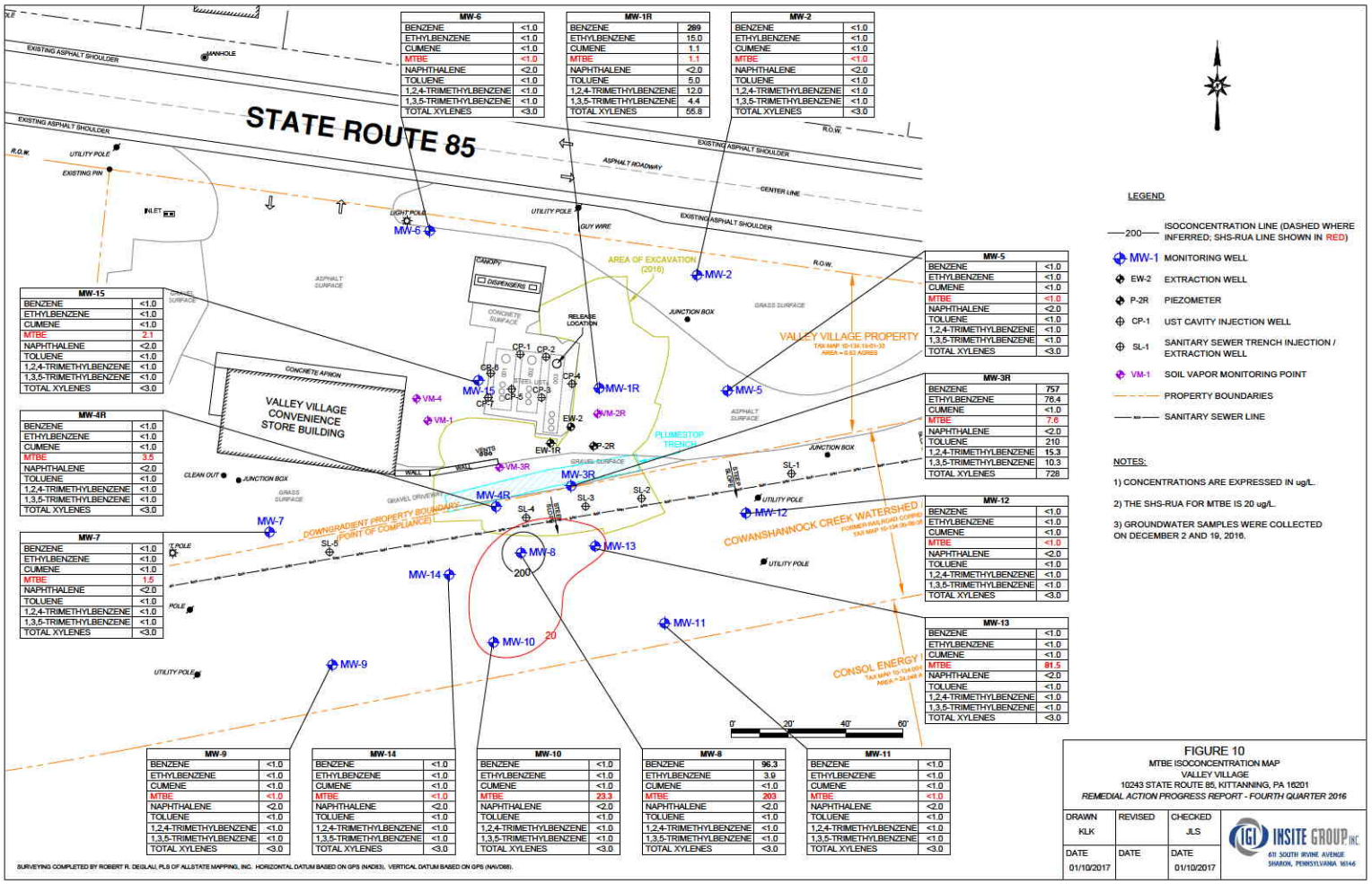
VALLEY VILLAGE

10243 STATE ROUTE 85, KITTANNING, PA 16201

REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
KLK		JLS
DATE	DATE	DATE
01/10/2017		01/10/2017

INSITE GROUP, INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146



MW-6	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-1R	
BENZENE	269
ETHYLBENZENE	15.0
CUMENE	1.1
MTBE	1.1
NAPHTHALENE	<2.0
TOLUENE	5.0
1,2,4-TRIMETHYLBENZENE	12.0
1,3,5-TRIMETHYLBENZENE	4.4
TOTAL XYLENES	55.8

MW-2	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-15	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	2.1
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-4R	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	3.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-7	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	1.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-5	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-3R	
BENZENE	757
ETHYLBENZENE	76.4
CUMENE	<1.0
MTBE	7.6
NAPHTHALENE	<2.0
TOLUENE	210
1,2,4-TRIMETHYLBENZENE	15.3
1,3,5-TRIMETHYLBENZENE	10.3
TOTAL XYLENES	728

MW-12	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-13	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	81.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-9	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-14	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-10	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	23.3
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-8	
BENZENE	96.3
ETHYLBENZENE	3.9
CUMENE	<1.0
MTBE	203
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-11	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

LEGEND

- 200 — ISOCONCENTRATION LINE (DASHED WHERE INFERRED; SHS-RUA LINE SHOWN IN RED)
- MW-1 MONITORING WELL
- EW-2 EXTRACTION WELL
- P-2R PIEZOMETER
- CP-1 UST CAVITY INJECTION WELL
- SL-1 SANITARY SEWER TRENCH INJECTION / EXTRACTION WELL
- VM-1 SOIL VAPOR MONITORING POINT
- PROPERTY BOUNDARIES
- SANITARY SEWER LINE

NOTES:

1) CONCENTRATIONS ARE EXPRESSED IN ug/L.

2) THE SHS-RUA FOR MTBE IS 20 ug/L.

3) GROUNDWATER SAMPLES WERE COLLECTED ON DECEMBER 2 AND 19, 2016.

SURVEYING COMPLETED BY ROBERT R. DEGLALI PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

FIGURE 10

MTBE ISOCONCENTRATION MAP

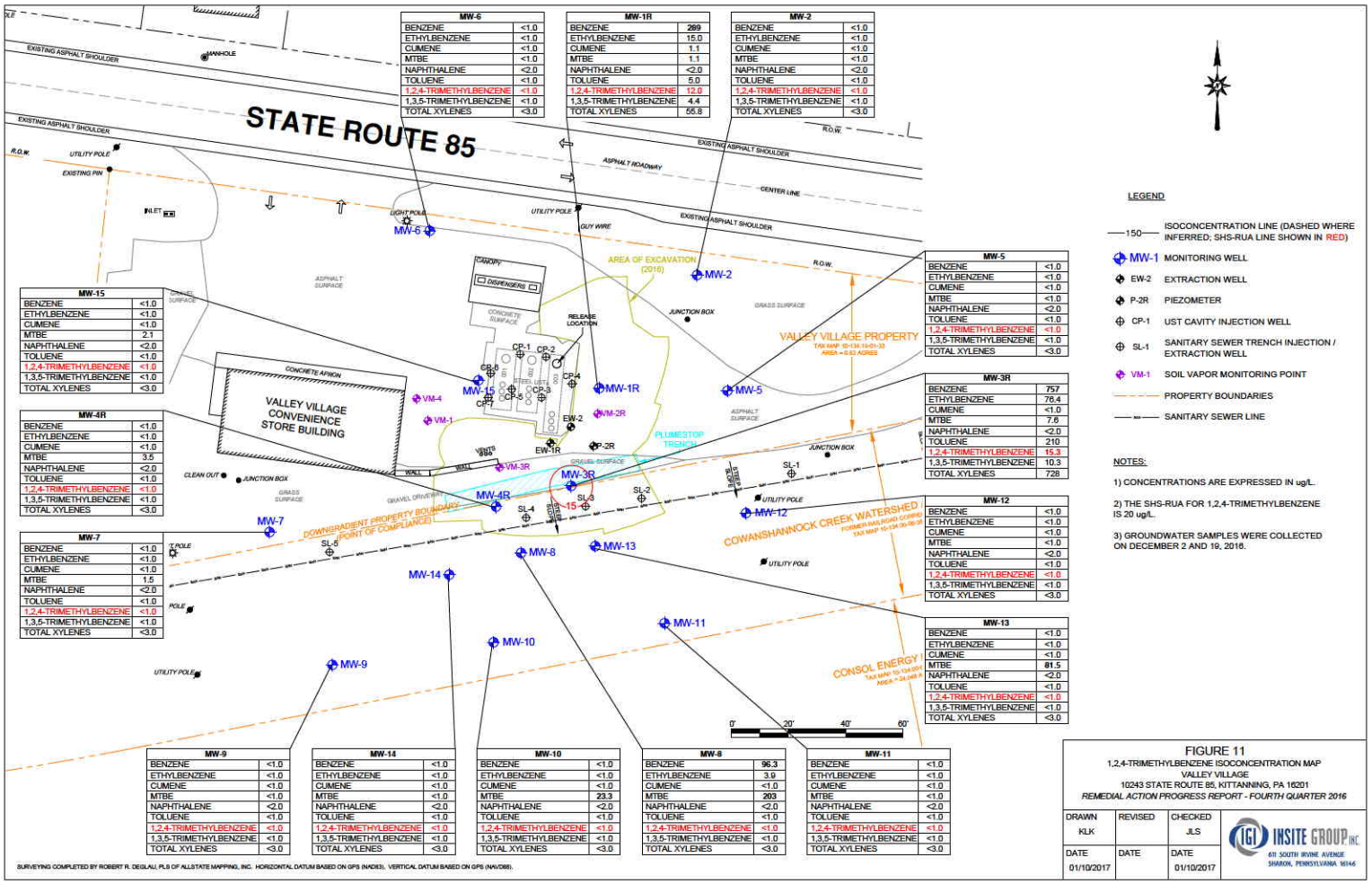
VALLEY VILLAGE

10243 STATE ROUTE 85, KITTANNING, PA 16201

REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

DRAWN	REVISED	CHECKED
KLK		JLS
DATE	DATE	DATE
01/10/2017		01/10/2017

INSITE GROUP, INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146



MW-6	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-1R	
BENZENE	269
ETHYLBENZENE	15.0
CUMENE	1.1
MTBE	1.1
NAPHTHALENE	<2.0
TOLUENE	5.0
1,2,4-TRIMETHYLBENZENE	12.0
1,3,5-TRIMETHYLBENZENE	4.4
TOTAL XYLENES	55.8

MW-2	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-15	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	2.1
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-4R	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	3.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-7	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	1.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-5	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-3R	
BENZENE	757
ETHYLBENZENE	76.4
CUMENE	<1.0
MTBE	7.6
NAPHTHALENE	<2.0
TOLUENE	210
1,2,4-TRIMETHYLBENZENE	15.3
1,3,5-TRIMETHYLBENZENE	10.3
TOTAL XYLENES	728

MW-12	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-13	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	81.5
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-9	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-14	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-10	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	23.3
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-8	
BENZENE	96.3
ETHYLBENZENE	3.9
CUMENE	<1.0
MTBE	203
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

MW-11	
BENZENE	<1.0
ETHYLBENZENE	<1.0
CUMENE	<1.0
MTBE	<1.0
NAPHTHALENE	<2.0
TOLUENE	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0
TOTAL XYLENES	<3.0

LEGEND

- 150 — ISOCONCENTRATION LINE (DASHED WHERE INFERRED; SHS-RUA LINE SHOWN IN RED)
- MW-1 MONITORING WELL
- EW-2 EXTRACTION WELL
- P-2R PIEZOMETER
- CP-1 UST CAVITY INJECTION WELL
- SL-1 SANITARY SEWER TRENCH INJECTION / EXTRACTION WELL
- VM-1 SOIL VAPOR MONITORING POINT
- PROPERTY BOUNDARIES
- SANITARY SEWER LINE

NOTES:

1) CONCENTRATIONS ARE EXPRESSED IN ug/L.

2) THE SHS-RUA FOR 1,2,4-TRIMETHYLBENZENE IS 20 ug/L.

3) GROUNDWATER SAMPLES WERE COLLECTED ON DECEMBER 2 AND 19, 2016.

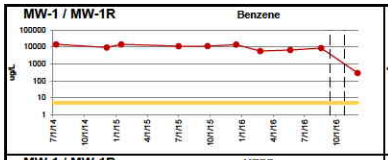
SURVEYING COMPLETED BY ROBERT R. DEGLALI PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

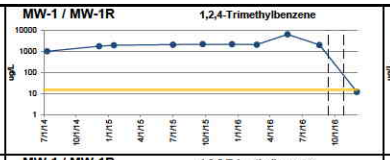
FIGURE 11

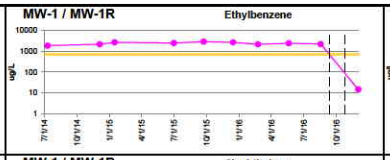
1,2,4-TRIMETHYLBENZENE ISOCONCENTRATION MAP
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

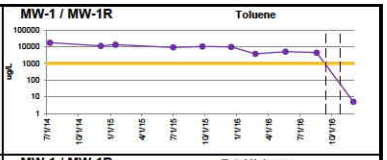
DRAWN	REVISED	CHECKED
KLK		JLS
DATE 01/10/2017	DATE	DATE 01/10/2017

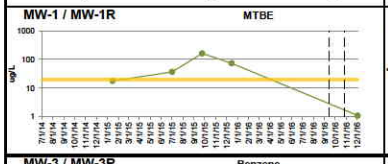
INSITE GROUP, INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146

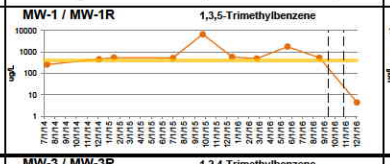


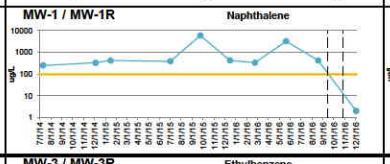


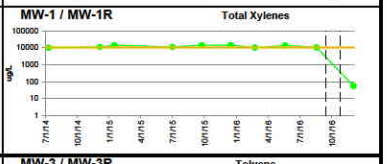


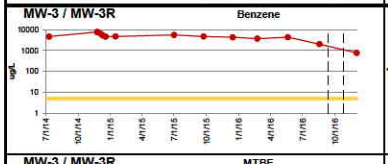


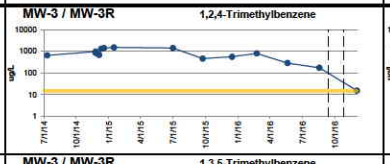


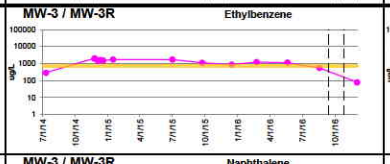


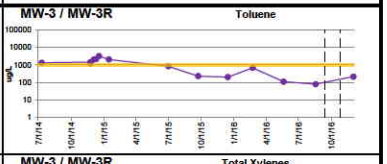


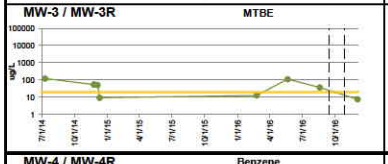


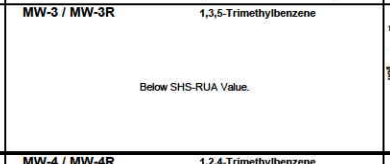


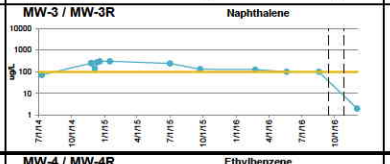


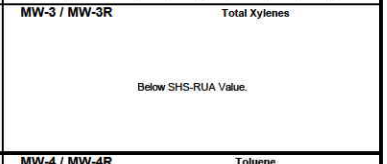


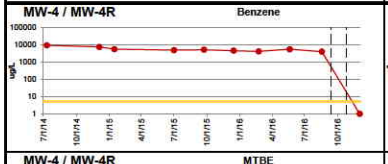


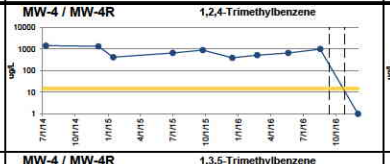


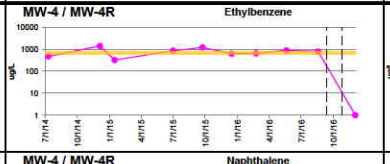


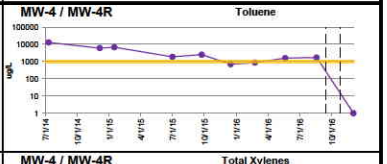


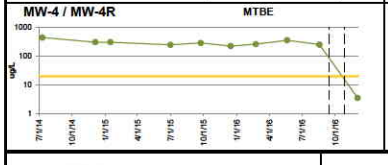


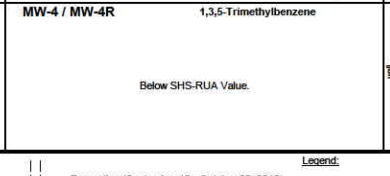


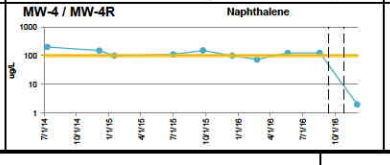


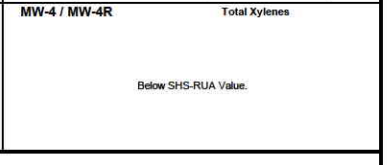












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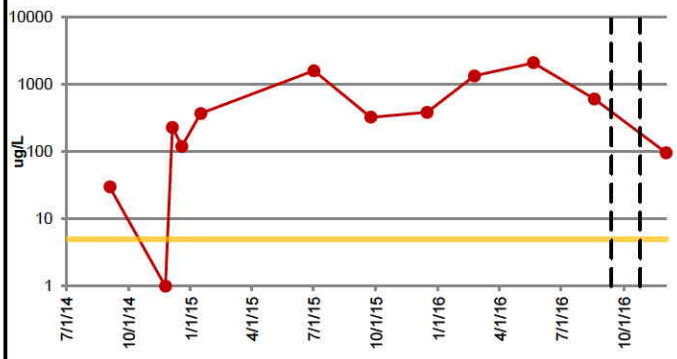
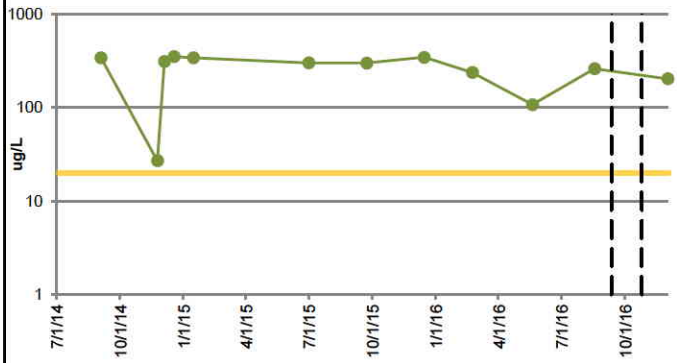
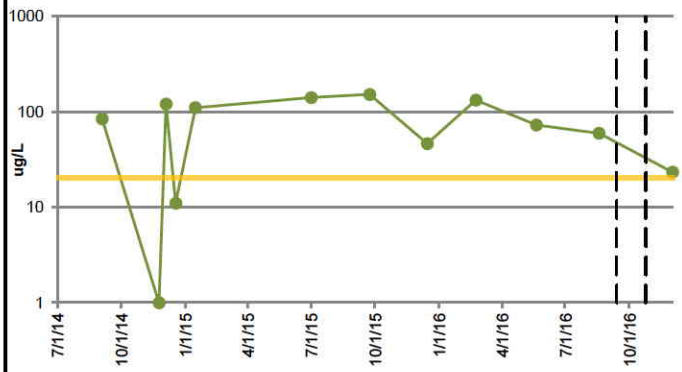
Legend:

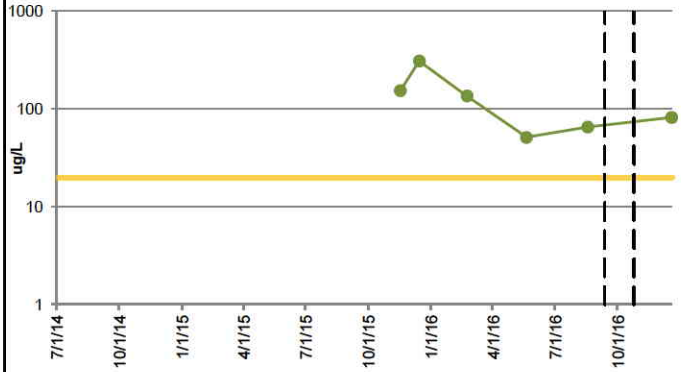
- Excavation (September 12 - October 25, 2016)
- SHS-RUA Value
- Benzene Concentration (ug/L)
- MTBE Concentration (ug/L)
- 1,2,4-Trimethylbenzene Concentration (ug/L)
- 1,3,5-Trimethylbenzene Concentration (ug/L)
- Ethylbenzene Concentration (ug/L)
- Naphthalene Concentration (ug/L)
- Toluene Concentration (ug/L)
- Total Xylenes Concentration (ug/L)

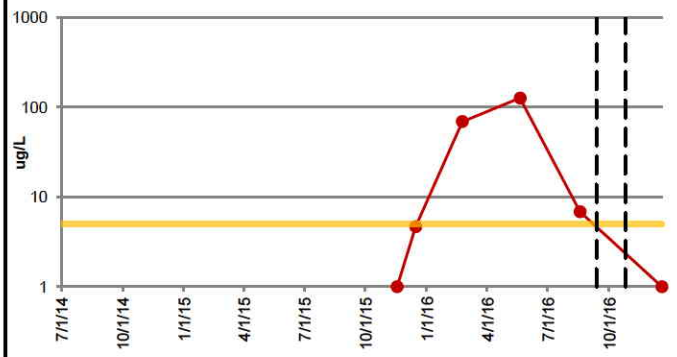
FIGURE 12
CONTAMINANT CONCENTRATION TREND GRAPHS (SOURCE AREA)
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

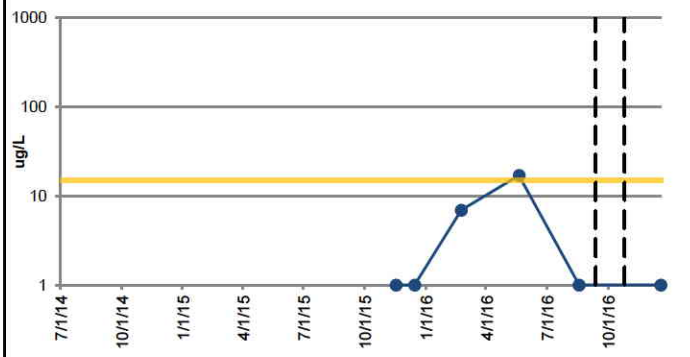












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Legend:
- Excavation (9/12/16 - 10/25/16)
- Benzene Concentration (ug/L)
- MTBE Concentration (ug/L)
- 1,2,4-Trimethylbenzene Concentration (ug/L)
- SHS-RUA Value

FIGURE 13
CONTAMINANT CONCENTRATION TREND GRAPHS
(CROSSGRADIENT AND DOWNGRADIENT WELLS)
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201
REMEDIAL ACTION PROGRESS REPORT - FOURTH QUARTER 2016

TABLES

Table 1.0: FC-1 Soil Sampling Analytical Results

Sample ID	Depth (feet)	Date	Unleaded Gasoline Parameters (mg/kg)									Additional FC-1 Parameters (mg/kg)		
			Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Xylenes (total)**	**Extracted TOX**	**Lead**	**TPH (GC/FID) Low Fraction**
Statewide Health Standard, Direct Contact, Residential 0-15 feet			*57*	*180*	*7,700*	*1,700*	*160*	*10,000*	*130*	*2,200*	*1,900*	--		--
Statewide Health Standard, Soil to GW, Residential, Used Aquifer			*0.5*	*70*	*600*	*2*	*25*	*100*	*8.4*	*74*	*1,000*	--		--
B-14	8 - 10	10/06/15	<0.00114	0.00973	0.00153	0.00274	<0.00570	<0.00570	0.00316	0.00154	0.0148	--	--	--
B-14	14 - 16	10/06/15	0.0852	0.0702	0.00484	0.00658	0.00932	0.448	0.0241	0.0112	0.303	--	--	--
B-15	1	10/01/15	0.00201	0.00167	<0.00108	0.00218	0.0173	<0.00541	0.00701	0.00279	0.00923	--	--	--
B-15	8 - 10	10/07/15	0.0117	<0.00113	<0.00113	<0.00113	<0.00566	<0.00566	<0.00113	<0.00113	<0.00340	--	--	--
B-16	4.5	10/01/15	0.158	0.00945	<0.00121	<0.00121	<0.00606	<0.00606	0.00246	<0.00121	0.0351	--	--	--
B-16	6 - 8	10/08/15	**3.32**	3.36	0.271	<0.0869	1.72	16.3	6.62	1.58	20.9	<29.0	18.6	139
B-16	8 - 10	10/08/15	**6.84**	3.94	0.0181	0.0200	<0.00579	2.76	0.0820	0.0411	3.62	--	--	--
B-17	8 - 10	10/07/15	**1.11**	0.536	0.0965	0.0171	0.165	0.704	0.777	0.212	2.19	<29.0	19.8	18.0
B-17	10 - 12	10/07/15	**0.759**	2.61	0.334	<0.157	0.895	3.89	6.44	1.83	14.5	<26.5	9.08	149
B-17	14 - 16	10/07/15	0.00410	0.00509	<0.00112	0.00465	0.00715	0.00746	0.00216	0.00160	0.0216	--	--	--
MW-15	5	10/01/15	0.0640	0.300	0.0320	<0.0231	0.259	0.418	0.801	0.192	1.85	--	--	--
MW-15	5 - 6	10/07/15	0.147	0.541	0.0879	<0.00112	0.0555	1.32	1.14	0.290	3.42	--	--	--
EW-2	2	10/12/15	<0.0251	<0.0251	<0.0251	<0.0251	<0.125	<0.125	<0.0251	<0.0251	<0.0753	<27.9	16.6	1.73
P-1	4 - 6	10/05/15	0.0612	0.0439	0.00555	<0.00108	0.0153	0.371	0.0544	0.0188	0.228	<26.9	13.3	3.66
P-1	8 - 10	10/05/15	**0.820**	7.39	1.07	<0.0222	3.56	21.7	**21.4**	5.96	44.3	14.4	10.4	476
P-1	11 - 13	10/08/15	0.378	0.182	0.0151	<0.00111	0.0417	2.01	0.182	0.0655	2.52	<27.8	10.9	8.72
P-2	4 - 6	10/05/15	**0.628**	0.456	0.512	0.124	0.731	1.31	0.801	0.187	2.19	<31.0	21.3	25.9
P-2	6 - 8	10/05/15	**1.99**	6.14	0.694	<0.422	<2.11	8.97	**12.4**	3.68	29.5	<29.7	15.6	317
P-2	12 - 14	10/08/15	0.113	0.830	0.0399	0.0162	0.100	0.904	3.09	0.170	3.82	<28.2	14.2	10.0

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) Samples were analyzed by EPA Method 5035 / 8260B, 6010B, 8015B, and 9023.
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Table 2.0: Confirmatory Soil Sampling Analytical Results

Sample ID	Depth (feet)	Date	Unleaded Gasoline Parameters (mg/kg)								
			Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Xylenes (total)**
Statewide Health Standard, Direct Contact, Residential 0-15 feet			*57*	*180*	*7,700*	*1,700*	*160*	*10,000*	*130*	*2,200*	*1,900*
Statewide Health Standard, Soil to GW, Residential, Used Aquifer			*0.5*	*70*	*600*	*2*	*25*	*100*	*8.4*	*74*	*1,000*
CS-1	4 - 5	09/15/16	0.00207	<0.00121	<0.00121	<0.00121	<0.00603	<0.00603	<0.00121	<0.00121	<0.00362
CS-2	4 - 5	09/15/16	<0.00119	<0.00119	<0.00119	<0.00119	<0.00593	<0.00593	<0.00119	<0.00119	<0.00356
CS-3	4 - 5	09/20/16	0.341	0.0479	0.00464	<0.00123	<0.00613	<0.00613	0.0269	0.0102	0.0345
CS-4	4 - 5	09/27/16	<0.0518	<0.0518	0.0152	0.0156	0.0149	0.146	0.183	0.0601	0.232
CS-5	4 - 5	10/06/16	0.0169	0.0141	0.00267	<0.00127	<0.00633	<0.00633	0.00225	0.00241	0.0049
CS-6	4 - 5	10/10/16	<0.00123	<0.00123	<0.00123	<0.00123	<0.00614	<0.00614	<0.00123	<0.00123	<0.00368
CS-7	4 - 5	10/17/16	<0.00137	<0.00137	0.00146	<0.00137	<0.00683	<0.00683	<0.00137	<0.00137	<0.00410
CS-8	4 - 5	10/10/16	0.00771	0.00627	0.00553	0.0013	<0.00626	<0.00626	0.00167	<0.00125	<0.00376
CS-9	4 - 5	09/28/16	0.0145	<0.00119	<0.00119	<0.00119	<0.00595	<0.00595	<0.00119	<0.00119	<0.00357
CS-10	3 - 4	09/27/16	<0.00111	<0.00111	<0.00111	0.0044	<0.00557	<0.00557	<0.00111	<0.00111	<0.00334
CS-11	3	09/20/16	**1.18**	1.63	0.127	<0.0188	<0.0938	<0.0938	1.16	0.0937	1.81
CS-11 DUP	--	09/20/16	**0.549**	0.949	0.0978	<0.0247	<0.123	<0.123	1.14	0.122	1.44
CS-12	4 - 5	09/15/16	0.260	0.0595	0.00338	0.0012	<0.00612	<0.127	0.0209	0.00885	0.250

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) Samples were analyzed by method 5035/8260B.
3) DUP = Blind duplicate sample.

Table 3.0: Reuse Soil Analytical Results

Sample ID	Date	Unleaded Gasoline Parameters (mg/kg)								
		Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Xylenes (total)**
Statewide Health Standard, Direct Contact, Residential 0-15 feet		*57*	*180*	*7,700*	*1,700*	*160*	*10,000*	*130*	*2,200*	*1,900*
Statewide Health Standard, Soil to GW, Residential, Used Aquifer		*0.5*	*70*	*600*	*2*	*25*	*100*	*8.4*	*74*	*1,000*
Reuse 1	09/14/16	0.0221	0.00824	<0.00112	0.0014	<0.00560	0.0188	0.00765	0.00270	0.0207
Reuse 2	09/14/16	0.0125	<0.00109	<0.00109	<0.00109	<0.00544	<0.00544	<0.00109	<0.00109	<0.00326
Reuse 3	09/19/16	**2.35**	0.0267	0.00194	<0.00121	<0.00607	0.0762	0.0246	0.00807	0.0842
Reuse 4	09/27/16	0.00408	<0.00117	<0.00117	0.0464	<0.00584	<0.00584	<0.00117	<0.00117	<0.00350
Reuse 5	10/03/16	0.00289	<0.00115	<0.00115	<0.00115	<0.00575	<0.00575	0.00130	<0.00115	0.00427
Reuse 6	10/03/16	0.00184	<0.00111	<0.00111	<0.00111	<0.00553	<0.00553	<0.00111	<0.00111	<0.00332
Reuse 7	10/06/16	0.0190	0.00837	0.00379	<0.00129	<0.00643	<0.00643	0.00472	<0.00129	0.00938
Reuse 8	10/10/16	<0.00120	<0.00120	<0.00120	<0.00120	<0.00599	<0.00599	<0.00120	<0.00120	<0.00360

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) Samples were analyzed by method 5035/8260B.

Table 4.0: Frac Tank Water Analytical Results

Sample ID	Date	Unleaded Gasoline Parameters (ug/L)								
		Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Total Xylenes**
Statewide Health Standard, Residential, Used Aquifer		*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
Frac Tank	09/20/16	**985**	9.27	2.59	6.26	94.0	581	**695**	209	3,130

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) Samples were analyzed by method 5030B/8260B.

Table 5.0: Sanitary Sewer Trench Groundwater Analytical Results

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Total Xylenes**
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
During Excavation (Before Sewer Line Breach)												
Sump 1	10/04/16	--	--	**978**	**1,380**	175	<36.7	**439**	736	**3,520**	**946**	5,860
After Excavation												
SL-1	10/19/16	--	--	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
SL-1	12/02/16	6.81	1,111.89	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
SL-2	10/19/16	--	--	2.79	<1.00	<1.00	<1.00	<5.00	<5.00	2.60	<1.00	8.47
SL-2	12/02/16	7.27	1,111.73	**11.7**	<1.0	<1.0	<1.0	<2.0	<1.0	2.3	1.0	11.0
SL-3	12/02/16	6.95	1,111.62	1.6	<1.0	<1.0	<1.0	2.5	<1.0	1.4	<1.0	<3.0
SL-4	10/19/16	--	--	**43.2**	81.4	12.9	5.45	18.4	<5.00	**393**	117	444
SL-4	12/02/16	8.29	1,111.49	**93.7**	42.5	7.5	19.2	13.6	<1.0	**119**	35.0	62.4
SL-5	10/19/16	--	--	**11.8**	125	19.2	<1.00	39.1	10.9	**342**	99.9	478
SL-5	12/02/16	5.72	1,111.07	<1.0	<1.0	<1.0	1.6	<2.0	<1.0	2.1	<1.0	<3.0
SL-6	12/02/16	3.18	1,110.84	<1.0	<1.0	<1.0	1.2	<2.0	<1.0	<1.0	<1.0	<3.0

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) Samples were analyzed by method 5030B/8260B.

Table 6.0: Sanitary Sewer Water Analytical Results

Sample ID	Date	Unleaded Gasoline Parameters (ug/L)								
		Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Total Xylenes**
SHS-RUA		*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
Manhole 1	10/04/16	**17.6**	31.2	3.05	<1.00	9.47	81.0	**60.8**	16.0	152
Manhole 2	10/13/16	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) Samples were analyzed by method 5030B/8260B.

Table 7.0: Sewer Line Trench Water Levels

Well	Depth to Water (feet)							
	Baseline	**Addition of Water**				**Recovery**		
Time:	***12:53***	***13:36***	***14:00***	***14:32***	***15:00***	***15:30***	***16:21***	***17:00***
SL-1	9.52	9.14	9.01	8.85	8.74	8.89	9.08	9.12
SL-2	11.54	11.11	11.03	10.91	10.79	11.05	11.13	11.18
SL-3	8.97	8.67	8.53	8.41	8.30	8.52	8.58	8.60
SL-4	10.22	10.14	10.02	9.87	9.76	9.77	9.82	9.85
SL-5	8.91	8.76	8.65	8.57	8.50	8.54	8.56	8.56
SL-6	5.36	5.24	5.15	5.08	5.03	5.03	5.03	5.04

Notes: 1) Water was added to SL-1 from 13:00 to 15:06 on October 19, 2016.
2) Water was added at approximately 4 gallons per minute.
3) Water levels were measured from the top of the well casings.

Table 8.0: RegenOx Part A Injection Summary

Well	*August 29, 2016*		*October 12-13, 2016*	
	RegenOx Part A Injected (pounds)	Chase Water (gallons)	RegenOx Part A Injected (pounds)	Chase Water (gallons)
CP-1	37.5	180	40.8	360
CP-2	37.5	155	40.8	360
CP-3	25	44	15.7	99
CP-4	5	4	18.8	6
CP-5	20	8	18.8	3
CP-6	12.5	8	9.4	12
CP-7	22.5	16	15.7	21

Note: Volumes are approximate.

Table 9.0: Post-RegenOx Injection Monitoring Results

Sample ID	Date	Dissolved Oxygen (ppm)	pH
MW-1	08/29/16	1.5	6.8
MW-1	09/12/16	<1.0	6.8
MW-1 destroyed and replaced with MW-1R.			
MW-1R	11/07/16	<1.0	6.9
MW-3	08/29/16	1.0	6.7
MW-3	09/12/16	1.0	6.6
MW-3 destroyed and replaced with MW-3R.			
MW-3R	11/07/16	8.0	7.5
MW-4	08/29/16	1.0	6.2
MW-4	09/12/16	<1.0	6.3
MW-4 destroyed and replaced with MW-4R.			
MW-4R	11/07/16	3.0	7.1
MW-8	10/20/16	<1.0	7.4
MW-15	08/29/16	3.0	6.5
MW-15	09/12/16	2.0	6.4
EW-1	08/29/16	1.0	6.8
EW-1	09/12/16	1.5	7.5
EW-1 destroyed and replaced with EW-1R.			
EW-1R	10/20/16	<1.0	7.9
EW-1R	11/07/16	<1.0	7.9
EW-2	08/29/16	2.0	6.8
EW-2	09/12/16	<1.0	7.6

Note: RegenOx Part A injected into the UST cavity on August 29 and October 12, 2016.

Table 10.0: EW-1R Groundwater Analytical Results

Sample ID	Date	Unleaded Gasoline Parameters (ug/L)								
		Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Total Xylenes**
Statewide Health Standard, Residential, Used Aquifer		*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
EW-1R	12/14/16	**3,010**	**1,920**	<200	<73.4	**359**	**7,990**	**2,220**	**621**	**10,600**

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) Groundwater samples were analyzed by method 5030B/8260B.

Table 11.0: Well Development Groundwater Analytical Results

Sample ID	Date	Unleaded Gasoline Parameters (ug/L)								
		Benzene	**Ethyl-benzene**	**Cumene**	**MTBE**	**Naph-thalene**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**Total Xylenes**
Statewide Health Standard, Residential, Used Aquifer		*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-1R	11/07/16	**954**	173	7.23	1.63	21.6	388	**110**	28.9	1,260
MW-1R DUP	11/07/16	**913**	159	6.76	1.58	16.7	352	**101**	26.7	1,130
MW-3R	11/07/16	**403**	7.15	<1.00	2.50	<5.00	365	1.07	<1.00	106
MW-4R	11/07/16	**8.80**	<1.00	<1.00	2.32	<5.00	<5.00	<1.00	<1.00	3.77
EW-1R	11/07/16	**4,130**	**1,700**	77.7	<10.0	**341**	**6,880**	**1,740**	**647**	**10,200**
P-2R	11/07/16	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes: 1) Concentrations exceeding their respective SHS-RUA values are shown in **bold**.
2) DUP = blind duplicate sample.
3) Groundwater samples were analyzed by method 5030B/8260B.
4) NR = The well did not recover after purging and was not sampled.

Table 12.0: Monitoring Well Gauging Data

Gauging Location	Total Depth Below Grade (feet)	Screen Length (feet)	TOC Elevation (feet)	Date	Depth to Water (feet)	Groundwater Elevation (feet)
MW-1R	13	3 – 13	1,119.96	12/01/16	3.41	1,116.55
MW-2	13	3 – 13	1,123.60	12/01/16	8.47	1,115.13
MW-3R	13	3 – 13	1,119.11	12/01/16	4.82	1,114.29
MW-4R	13	3 – 13	1,119.02	12/01/16	4.63	1,114.39
MW-5	13	3 - 13	1,118.99	12/01/16	3.77	1,115.22
MW-6	13	3 - 13	1,123.45	12/01/16	4.53	1,118.92
MW-7	13	3 - 13	1,114.20	12/01/16	4.59	1,109.61
MW-8	13	3 - 13	1,115.67	12/01/16	5.13	1,110.54
MW-9	13	3 - 13	1,113.82	12/01/16	3.67	1,110.15
MW-10	13	3 - 13	1,113.63	12/01/16	6.30	1,107.77
MW-11	13	3 - 13	1,114.03	12/01/16	3.01	1,111.02
MW-12	12	6 - 12	1,117.57	12/01/16	7.00	1,110.47
MW-13	13	3 - 13	1,116.80	12/01/16	8.08	1,108.72
MW-14	13	3 - 13	1,116.56	12/01/16	7.69	1,108.87
MW-15	13	3 - 13	1,121.55	12/01/16	6.74	1,114.81
EW-1R	15	3 – 15	1,120.11	12/01/16	4.47	1,115.64
EW-2	13	3 – 13	1,120.39	12/01/16	3.99	1,116.27
P-2R	15	13 – 15	1,119.76	12/01/16	7.58	1,112.18

Table 13.0: Groundwater Analytical Results – Quarterly Groundwater Monitoring

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-1R	12/02/16	3.41	1,116.55	**289**	15.0	1.1	1.1	<2.0	5.0	12.0	4.4	55.8
MW-1R DUP	12/02/16	--	--	273	13.3	1.1	<1.0	2.1	4.7	11.9	4.1	51.8
MW-2	12/02/16	8.47	1,115.13	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-3R	12/02/16	4.82	1,114.29	**757**	76.4	<1.0	7.6	<2.0	210	**15.3**	10.3	728
MW-4R	12/02/16	4.63	1,114.39	<1.0	<1.0	<1.0	3.5	<2.0	<1.0	<1.0	<1.0	<3.0
MW-5	12/02/16	3.77	1,115.22	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-6	12/02/16	4.53	1,114.46	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-7	12/02/16	4.59	1,109.61	<1.0	<1.0	<1.0	1.5	<2.0	<1.0	<1.0	<1.0	<3.0
MW-8	12/02/16	7.05	1,108.62	**96.3**	3.9	<1.0	**203**	<2.0	<1.0	<1.0	<1.0	<3.0
MW-9	12/02/16	3.67	1,110.15	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-10	12/02/16	6.30	1,107.85	<1.0	<1.0	<1.0	**23.3**	<2.0	<1.0	<1.0	<1.0	<3.0
MW-11	12/02/16	3.01	1,111.02	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-12	12/02/16	7.00	1,110.47	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-13	12/02/16	8.08	1,108.72	<1.0	<1.0	<1.0	**81.5**	<2.0	<1.0	<1.0	<1.0	<3.0
MW-14	12/02/16	7.69	1,108.87	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-15	12/02/16	6.74	1,114.81	<1.0	<1.0	<1.0	2.1	<2.0	<1.0	<1.0	<1.0	<3.0

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.

Table 14.0: Historical Groundwater Analytical Results

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-1	07/10/14	2.49	1,118.01	**14,000**	**1,800**	<250	**<92**	**<250**	**17,000**	**990**	260	10,000
DUP	--	--	--	14,000	1,900	<100	<37	270	17,000	1,200	290	11,000
MW-1	12/04/14	2.59	1,117.91	**9,200**	**2,100**	<250	**<92**	**330**	**11,000**	**1,700**	**460**	**11,000**
MW-1	01/15/15	3.37	1,117.13	**14,000**	**2,600**	120	18	**420**	**13,000**	**1,900**	**560**	**14,000**
MW-1	07/01/15	1.57	1,118.93	**11,000**	**2,400**	110	<37	**390**	**9,100**	**2,000**	**530**	**11,000**
MW-1	09/23/15	3.02	1,117.48	**11,200**	**2,780**	**1,520**	**162**	**6,020**	**10,200**	**2,140**	**6,780**	**14,200**
MW-1	12/15/15	3.68	1,116.82	**13,700**	**2,580**	<200	<73.4	**426**	**9,570**	**2,130**	**592**	**14,400**
MW-1	02/23/16	2.59	1,117.91	**5,620**	**2,090**	<200	<73.4	**334**	**3,680**	**2,010**	**501**	**10,200**
MW-1	05/20/16	2.75	1,117.75	**6,540**	**2,340**	<200	<73.4	**3,280**	**5,010**	**6,210**	**1,810**	**13,600**
MW-1	08/18/16	2.38	1,118.12	**8,520**	**2,130**	<200	<73.4	**424**	**4,320**	**1,940**	**541**	**10,400**
MW-1 was abandoned and removed during excavation activities in September and October 2016 and replaced by MW-1R.												
MW-1R	11/07/16	4.02	1,115.94	**954**	173	7.23	1.63	21.6	388	**110**	28.9	1,260
DUP	11/07/16			**913**	159	6.76	1.58	16.7	352	**101**	26.7	1,130
MW-1R	12/02/16	3.41	1,116.55	**289**	15.0	1.1	1.1	<2.0	5.0	12.0	4.4	55.8
DUP	12/02/16			**273**	13.3	1.1	<1.0	2.1	4.7	11.9	4.1	51.8
MW-2	07/10/14	9.70	1,113.90	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-2	12/04/14	10.59	1,113.01	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-2	01/15/15	7.97	1,115.63	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-2	07/01/15	6.42	1,117.18	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-2	09/23/15	9.94	1,113.66	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-2	12/15/15	6.44	1,117.16	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-2	02/23/16	3.79	1,119.81	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-2	05/20/16	7.30	1,116.30	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	1.71	<3.00
MW-2	08/18/16	10.08	1,113.52	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-2	12/02/16	8.47	1,115.13	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.
4) NR = Well did not recover after purging.

Table 14.0: Historical Groundwater Analytical Results (cont.)

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-3	07/10/14	2.99	1,115.94	**4,600**	280	<25	**120**	71	**1,300**	**650**	230	3,700
MW-3	11/24/14	3.58	1,115.35	**7,600**	**2,000**	73	**55**	**250**	**1,400**	**970**	280	5,500
MW-3	12/04/14	3.10	1,115.83	**6,300**	**1,400**	<100	**51**	**140**	**2,000**	**680**	230	3,800
DUP	12/04/14	--	--	6,900	1,500	55	50	200	2,000	730	220	3,700
MW-3	12/10/14	1.89	1,117.04	**5,200**	**1,600**	73	<9.2	**270**	**2,100**	**1,300**	310	7,800
MW-3	12/18/14	2.22	1,116.71	**4,600**	**1,500**	<250	**<92**	**300**	**3,100**	**1,400**	340	7,900
MW-3	01/15/15	2.60	1,116.33	**4,700**	**1,700**	82	**<37**	**300**	**2,000**	**1,500**	360	7,700
DUP	01/15/15	--	--	5,400	1,800	<100	<37	360	2,400	1,600	390	7,800
MW-3	06/05/15	--	--	**6,910**	**2,350**	107	15.1	**395**	175	**2,030**	**507**	6,210
MW-3	07/01/15	1.63	1,117.30	**5,500**	**1,700**	82	<37	**240**	830	**1,400**	310	3,900
DUP	07/01/15	--	--	5,600	1,700	84	<92	320	750	1,300	280	3,600
MW-3	09/23/15	3.13	1,115.80	**4,650**	**1,090**	<100	<36.7	**131**	<500	**459**	75.1	1,180
DUP	09/23/15	--	--	5,090	1,320	<100	<36.7	144	<500	558	89.3	1,380
MW-3	12/15/15	3.02	1,115.91	**4,240**	**842**	<100	<36.7	<100	<500	**554**	39.2	1,060
DUP	12/15/15	--	--	3,640	691	<100	<36.7	<100	<500	433	<38.7	873
MW-3	02/23/16	2.88	1,116.05	**3,670**	**1,200**	62.7	12.8	**124**	669	**798**	124	3,140
DUP	02/23/16	--	--	3,350	1,000	58.9	12.2	108	667	782	125	2,840
MW-3	05/20/16	3.64	1,115.29	**4,280**	**1,120**	<100	**110**	<100	<500	**288**	<38.7	811
DUP	05/20/16	--	--	4,230	1,100	<100	105	<100	<500	271	<38.7	776
MW-3	08/18/16	2.83	1,116.10	**2,010**	544	<100	<36.7	<100	<500	**173**	<100	<300
DUP	08/18/16	--	--	1,890	514	<100	<36.7	<100	<500	136	<100	<300
MW-3 was abandoned and removed during excavation activities in September and October 2016 and replaced by MW-3R.												
MW-3R	11/07/16	6.38	1,112.73	**403**	7.15	<1.00	2.50	<5.00	365	1.07	<1.00	106
MW-3R	12/02/16	4.82	1,114.29	**757**	76.4	<1.0	7.6	<2.0	210	**15.3**	10.3	728
MW-4	07/10/14	8.39	1,109.34	**9,000**	470	<100	**430**	**200**	**13,000**	**1,400**	370	10,000
MW-4	12/04/14	5.78	1,111.95	**7,200**	**1,400**	<100	**300**	**150**	**6,100**	**1,300**	360	6,600
MW-4	01/15/15	5.72	1,112.01	**5,400**	**320**	<100	**300**	<100	**6,800**	**410**	230	3,800
MW-4	07/01/15	4.34	1,113.39	**4,700**	**860**	35	**240**	**110**	**1,900**	**650**	240	3,200
MW-4	09/23/15	5.52	1,112.21	**5,010**	**1,200**	55.8	**279**	**152**	**2,530**	**879**	278	3,820
MW-4	12/15/15	4.64	1,113.09	**4,440**	620	<100	**220**	<100	705	**384**	134	1,270
MW-4	02/23/16	4.35	1,113.38	**4,020**	644	33.1	**256**	72.5	871	**513**	176	1,590
MW-4	05/20/16	4.83	1,112.90	**5,310**	**878**	<100	**348**	**124**	**1,580**	**649**	224	2,230
MW-4	08/18/16	8.18	1,109.55	**3,880**	**780**	<100	**245**	**125**	**1,700**	**982**	317	2,750
MW-4 was abandoned and removed during excavation activities in September and October 2016 and replaced by MW-4R.												
MW-4R	11/07/16	6.25	1,112.77	**8.80**	<1.00	<1.00	2.32	<5.00	<5.00	<1.00	<1.00	3.77
MW-4R	12/02/16	4.63	1,114.39	<1.0	<1.0	<1.0	3.5	<2.0	<1.0	<1.0	<1.0	<3.0

Notes:
1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.
4) NR = Well did not recover after purging.

Table 14.0: Historical Groundwater Analytical Results (cont.)

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-5	07/10/14	2.99	1,116.00	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-5	12/04/14	3.97	1,115.02	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-5	01/15/15	3.11	1,115.88	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-5	07/01/15	3.47	1,115.52	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-5	09/23/15	5.79	1,113.20	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-5	12/15/15	3.19	1,115.80	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-5	02/23/16	2.50	1,116.49	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-5	05/20/16	2.68	1,116.31	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-5	08/18/16	2.02	1,116.97	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-5	12/02/16	3.77	1,115.22	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-6	09/03/14	4.33	1,119.12	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-6	12/04/14	2.63	1,120.82	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-6	01/15/15	2.38	1,121.07	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-6	07/01/15	2.18	1,121.27	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-6	09/23/15	4.44	1,119.01	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-6	12/15/15	2.30	1,121.15	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-6	02/23/16	2.12	1,121.33	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-6	05/20/16	3.95	1,119.50	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-6	08/18/16	2.02	1,116.97	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-6	12/02/16	4.53	1,114.46	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-7	09/03/14	3.15	1,111.05	<1.0	<1.0	<1.0	1.5	<5.0	<5.0	<1.0	<1.0	<3.0
MW-7	12/04/14	5.04	1,109.16	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-7	01/15/15	4.26	1,109.94	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-7	07/01/15	3.90	1,110.30	<1.0	<1.0	<1.0	1.2	<5.0	<5.0	<1.0	<1.0	<3.0
MW-7	09/23/15	5.77	1,108.43	<1.00	<1.00	<1.00	2.11	<5.00	<5.00	<1.00	<1.00	<3.00
MW-7	12/15/15	4.10	1,110.10	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-7	02/23/16	3.56	1,110.64	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-7	05/20/16	3.62	1,110.58	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-7	08/18/16	4.73	1,109.47	<1.00	<1.00	<1.00	1.12	<5.00	<5.00	<1.00	<1.00	<3.00
MW-7	12/02/16	4.59	1,109.61	<1.0	<1.0	<1.0	1.5	<2.0	<1.0	<1.0	<1.0	<3.0

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.
4) NR = Well did not recover after purging.

Table 14.0: Historical Groundwater Analytical Results (cont.)

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-8	09/03/14	5.91	1,109.76	**30**	<1.0	<1.0	**340**	<5.0	<5.0	<1.0	<1.0	<3.0
DUP	--	--	--	31	<1.0	<1.0	360	<5.0	<5.0	<1.0	<1.0	<3.0
MW-8	11/24/14	7.34	1,108.33	<1.0	<1.0	<1.0	**27**	<5.0	<5.0	<1.0	<1.0	<3.0
MW-8	12/04/14	7.15	1,108.52	**230**	6.1	<5.0	**310**	<25	<25	<5.0	<5.0	<15
MW-8	12/18/14	6.48	1,109.19	**120**	<50	<50	**350**	<50	<250	<19	<19	<150
MW-8	01/15/15	6.58	1,109.09	**370**	16	<5.0	**340**	<25	<25	7.0	<5.0	19
MW-8	07/01/15	5.03	1,110.64	**1,600**	28	16	**300**	<25	<25	<5.0	<5.0	<15
MW-8	09/23/15	9.95	1,105.72	**327**	<25.0	<25.0	**298**	<25.0	<125	<9.32	<9.68	<75.0
MW-8	12/15/15	6.78	1,108.89	**385**	6.67	<5.00	**343**	<25.0	<25.0	5.09	<5.00	<15.0
MW-8	02/23/16	5.88	1,109.79	**1,340**	31.3	14.8	**237**	13.8	34.4	8.57	6.49	28.8
MW-8	05/20/16	7.00	1,108.67	**2,110**	29.2	19.2	**107**	22.7	23.7	7.08	10.4	29.4
MW-8	08/18/16	7.46	1,108.21	**609**	47.9	10.1	**260**	<5.00	13.0	5.66	<1.00	18.3
MW-8	12/02/16	7.05	1,108.62	**96.3**	3.9	<1.0	**203**	<2.0	<1.0	<1.0	<1.0	<3.0
MW-9	09/03/14	4.36	1,109.46	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-9	12/04/14	4.26	1,109.56	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-9	01/15/15	4.77	1,109.05	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-9	07/01/15	3.81	1,110.01	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-9	09/23/15	10.52	1,103.30	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-9	12/15/15	4.63	1,109.19	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-9	02/23/16	4.08	1,109.74	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-9	05/20/16	5.27	1,108.55	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-9	08/18/16	9.76	1,104.06	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-9	12/02/16	3.67	1,110.15	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-10	09/03/14	5.18	1,108.45	<1.0	<1.0	<1.0	**84**	<5.0	<5.0	<1.0	<1.0	<3.0
MW-10	11/24/14	6.23	1,107.40	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-10	12/04/14	6.27	1,107.36	<1.0	<1.0	<1.0	**120**	<5.0	<5.0	<1.0	<1.0	<3.0
MW-10	12/18/14	5.67	1,107.96	<1.0	<1.0	<1.0	11	<5.0	<5.0	<1.0	<1.0	<3.0
MW-10	01/15/15	5.91	1,107.72	<1.0	<1.0	<1.0	**110**	<5.0	<5.0	<1.0	<1.0	<3.0
MW-10	07/01/15	4.31	1,109.32	<1.0	<1.0	<1.0	**140**	<5.0	<5.0	<1.0	<1.0	<3.0
MW-10	09/23/15	9.55	1,104.08	<1.00	<1.00	<1.00	**151**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-10	12/15/15	6.75	1,107.40	<1.00	<1.00	<1.00	**46.2**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-10	02/23/16	6.15	1,108.00	<1.00	<1.00	<1.00	**132**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-10	05/20/16	6.90	1,107.25	<1.00	<1.00	<1.00	**72.4**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-10	08/18/16	7.43	1,106.72	<1.00	<1.00	<1.00	**59.4**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-10	12/02/16	6.30	1,107.85	<1.0	<1.0	<1.0	**23.3**	<2.0	<1.0	<1.0	<1.0	<3.0

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.
4) NR = Well did not recover after purging.

Table 14.0: Historical Groundwater Analytical Results (cont.)

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
MW-11	09/03/14	3.81	1,110.22	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-11	12/04/14	3.81	1,110.22	<1.0	<1.0	<1.0	1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-11	01/15/15	4.43	1,109.60	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-11	07/01/15	4.43	1,109.60	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-11	09/23/15	9.62	1,104.41	<1.00	<1.00	<1.00	7.51	<5.00	<5.00	<1.00	<1.00	<3.00
MW-11	12/15/15	4.77	1,109.26	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-11	02/23/16	3.34	1,110.69	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-11	05/20/16	5.96	1,108.07	<1.00	<1.00	<1.00	1.89	<5.00	<5.00	<1.00	<1.00	<3.00
MW-11	08/18/16	3.45	1,110.58	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-11	12/02/16	3.01	1,111.02	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-12	12/22/14	18.80	1,098.77	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-12	01/15/15	6.79	1,110.78	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-12	07/01/15	4.88	1,112.69	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
MW-12	09/23/15	9.14	1,108.43	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-12	12/15/15	6.97	1,110.50	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-12	02/23/16	5.72	1,111.75	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-12	05/20/16	7.15	1,110.32	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-12	08/18/16	6.23	1,111.24	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<3.00
MW-12	12/02/16	7.00	1,110.47	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-13	11/17/15	10.18	1,106.62	<1.00	<1.00	<1.00	**153**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-13	12/15/15	7.40	1,109.40	2.14	<1.00	<1.00	**307**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-13	02/23/16	6.69	1,110.11	<1.00	<1.00	<1.00	**135**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-13	05/20/16	7.34	1,109.46	<1.00	<1.00	<1.00	**50.9**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-13	08/18/16	9.24	1,107.56	1.17	<1.00	<1.00	**65.0**	<5.00	<5.00	<1.00	<1.00	<3.00
MW-13	12/02/16	8.08	1,108.72	<1.0	<1.0	<1.0	**81.5**	<2.0	<1.0	<1.0	<1.0	<3.0
MW-14	11/17/15	8.66	1,107.90	<1.00	<1.00	<1.00	3.72	<5.00	<5.00	<1.00	<1.00	<3.00
MW-14	12/15/15	7.29	1,109.27	<1.00	<1.00	<1.00	10.9	<5.00	<5.00	<1.00	<1.00	<3.00
MW-14	02/23/16	6.22	1,110.34	<1.00	<1.00	<1.00	3.25	<5.00	<5.00	<1.00	<1.00	<3.00
MW-14	05/20/16	7.36	1,109.20	<1.00	<1.00	<1.00	2.10	<5.00	<5.00	<1.00	<1.00	<3.00
MW-14	08/18/16	8.99	1,107.57	<1.00	<1.00	<1.00	3.47	<5.00	<5.00	<1.00	<1.00	<3.00
MW-14	12/02/16	7.69	1,108.87	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
MW-15	11/17/15	9.84	1,111.71	<1.00	<1.00	<1.00	4.97	<5.00	<5.00	<1.00	<1.00	<3.00
MW-15	12/15/15	6.34	1,115.21	4.67	<1.00	<1.00	7.14	<5.00	<5.00	<1.00	<1.00	5.45
MW-15	02/23/16	5.25	1,116.30	**69.7**	18.5	<1.00	6.64	<5.00	75.2	6.92	3.48	94.3
MW-15	05/20/16	4.99	1,116.56	**127**	37.1	1.10	3.90	<5.00	33.9	**17.0**	7.28	144
MW-15	08/18/16	6.92	1,114.63	**6.86**	1.22	<1.00	2.96	<5.00	<5.00	<1.00	<1.00	<3.00
MW-15	12/02/16	6.74	1,114.81	<1.0	<1.0	<1.0	2.1	<2.0	<1.0	<1.0	<1.0	<3.0

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.
4) NR = Well did not recover after purging.

Table 14.0: Historical Groundwater Analytical Results (cont.)

Sample ID	Date	Depth to Water (feet)	GW Elevation (feet)	Unleaded Gasoline Parameters (ug/L)								
				Benzene	Ethyl-benzene	Cumene	MTBE	Naph-thalene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
Statewide Health Standard, Residential, Used Aquifer				*5*	*700*	*840*	*20*	*100*	*1,000*	*15*	*420*	*10,000*
EW-1	02/11/15	2.18	--	**975**	**1,040**	115	**66.7**	**983**	**2,620**	**2,020**	**602**	8,800
EW-1	12/15/15	3.10	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	02/23/16	2.22	--	**1,610**	492	55.3	<10.0	**401**	**1,480**	**2,860**	**677**	5,420
EW-1	05/20/16	2.39	--	**950**	545	<100	**48.7**	**490**	**1,910**	**2,900**	**786**	6,110
EW-1 was removed during excavation activities in September and October 2016 and replaced by EW-1R.												
EW-1R	12/02/16	4.47	1,115.64	**3,280**	**1,470**	87.0	2.4	**282**	**4,510**	**1,670**	**595**	8,630
EW-2	10/15/15	2.33	1,117.93	**2830**	**1,810**	114	**52.4**	**574**	**6,990**	**2,540**	**655**	**13,600**
EW-2	12/15/15	3.31	1,116.95	**869**	565	65.6	<18.4	**545**	**1,570**	**4,520**	**1,340**	**12,400**
EW-2	02/23/16	2.30	1,117.96	**1,560**	566	61.3	<10.0	**497**	**2,440**	**3,570**	**931**	8,660
EW-2	05/20/16	2.43	1,117.83	**1,120**	643	66.5	**24.7**	**782**	**2,440**	**4,240**	**1,160**	9,490
EW-2	12/02/16	3.99	1,116.27	**482**	108	5.3	19.9	64.5	6.5	**289**	17.8	47.5
PT-1	09/03/14	4.67	--	**2,800**	170	24	**160**	<50	**6,400**	**660**	260	4,600
PT-1	12/04/14	4.54	--	**1,800**	**710**	52	**240**	**110**	**1,100**	**910**	300	3,600
PT-1	01/15/15	4.42	--	**1,600**	**220**	18	**420**	<50	**1,200**	**250**	140	1,500
PT-1	12/15/15	4.44	--	**993**	523	38.3	**455**	27.5	541	**131**	77.4	685
PT-1	02/23/16	3.68	--	**1,050**	**1,300**	90.6	**361**	**219**	**1,780**	**1,310**	406	5,040
PT-1	05/20/16	4.44	--	**980**	**751**	56.9	**407**	**144**	644	**594**	260	1,600
PT-1 was abandoned and removed during excavation activities during September and October 2016.												
P-1	11/17/15	9.08	1,112.31	**6,680**	**1,300**	50.0	<10.0	**246**	**26,900**	**499**	353	7,450
P-1	12/15/15	6.15	1,115.24	**7,420**	**367**	<25.0	<9.18	85.1	**23,000**	**472**	171	5,810
P-1	02/23/16	5.03	1,116.36	**7,440**	**256**	15.3	<5.00	**206**	**9,990**	**666**	225	6,980
P-1	05/20/16	5.29	1,116.10	**7,140**	681	<100	**102**	**267**	**1,160**	**822**	258	4,350
P-1 was abandoned and removed during excavation activities during September and October 2016.												
P-2	11/17/15	9.20	1,110.09	**248**	40.5	3.43	**31.6**	<5.00	308	11.7	28.7	293
P-2	12/15/15	5.80	1,113.49	**3,570**	637	31.7	**173**	31.9	841	**405**	151	2,900
P-2	02/23/16	5.16	1,114.13	NR	NR	NR	NR	NR	NR	NR	NR	NR
P-2	05/20/16	5.64	1,113.65	**2,600**	431	<100	**305**	<100	<500	**301**	159	736
P-2 was abandoned and removed during excavation activities in September and October 2016 and replaced by P-2R.												
P-2R	12/02/16	7.58	1,112.18	NR	NR	NR	NR	NR	NR	NR	NR	NR
Standpipe	12/04/14	1.23	--	**29**	51	6.7	<1.0	<5.0	32	**24**	<1.0	120
Standpipe	12/10/14	1.10	--	**10**	14	1.2	<1.0	<5.0	8.5	2.4	1.3	66
Standpipe	12/18/14	1.23	--	2.1	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0
Standpipe	01/15/15	2.12	--	**8.8**	16	3.2	<1.0	5.9	17	**34**	12	78
Standpipe	06/05/15	--	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<3.0
Standpipe	12/15/15	1.95	--	**74.8**	25.2	1.12	<1.00	<5.00	17.2	6.88	<1.00	52.1
Standpipe	02/23/16	1.37	--	**35.7**	8.38	<1.00	2.97	<5.00	15.6	8.28	2.94	50.0
Standpipe	05/20/16	1.48	--	**149**	75.0	3.35	<1.00	32.6	82.9	**86.2**	4.84	213
The standpipe was removed during excavation activities in September and October 2016.												

Notes: 1) Concentrations exceeding the SHS are shown in **bold**.
2) DUP = blind duplicate sample.
3) Samples were analyzed by EPA Method 5030B / 8260B.
4) NR = Well did not recover after purging.

Table 15.0: Groundwater Chemistry

Sample ID	Date	Dissolved Oxygen	Temperature	pH	Conductivity	ORP
		ppm	deg. C.	S.U.	ppm	mV
MW-1R	12/02/16	1.0	14.5	6.9	1,600	145
MW-2	12/19/16	6.0	9.9	5.7	902	177
MW-3R	12/02/16	2.5	14.6	7.3	1,080	145
MW-4R	12/02/16	3.5	14.4	6.9	1,330	160
MW-5	12/02/16	3.0	14.7	6.3	511	189
MW-6	12/02/16	5.0	15.9	6.1	1,110	166
MW-7	12/02/16	4.5	13.5	6.0	522	212
MW-8	12/02/16	1.0	13.3	6.4	861	190
MW-9	12/02/16	7.0	11.9	6.2	77	178
MW-10	12/02/16	5.5	12.2	6.2	106	187
MW-11	12/02/16	7.0	11.6	5.7	84	195
MW-12	12/02/16	3.5	14.2	5.4	367	185
MW-13	12/19/16	3.5	7.0	6.6	902	177
MW-14	12/19/16	6.0	5.7	6.8	488	175
MW-15	12/19/16	3.5	9.6	6.6	1,820	173
EW-1R	12/02/16	<1.0	15.3	7.3	1,310	36
EW-2	12/02/16	1.0	14.9	6.9	604	114
P-2R	12/02/16	NS	16.0	6.6	1,290	123

Table 16.0: Historical Groundwater Chemistry Results

Sample ID	Date	Dissolved Oxygen	Temperature	pH	Conductivity	ORP
		ppm	deg. C.	S.U.	ppm	mV
MW-1	06/26/14	--	14.9	6.6	1,118	102
MW-1	07/10/14	1.0	21.0	6.5	1,030	34
MW-1	12/04/14	1.5	11.0	7.7	1,173	75
MW-1	01/15/15	<1.0	6.9	7.2	1140	155
MW-1	07/01/15	3.0	19.9	6.3	1,159	113
MW-1	09/23/15	2.0	22.3	6.9	1,560	130
MW-1	12/15/15	1.5	12.7	7.0	1,550	19
MW-1	02/23/16	1.5	8.9	7.1	1,700	13
MW-1	05/20/16	1.5	15.2	7.0	2,060	-14
MW-1	08/18/16	2.5	25.4	6.8	2,570	-31
MW-1 was abandoned prior to excavation activities and was replaced with MW-1R.						
MW-1R	12/02/16	1.0	14.5	6.9	1,600	145
MW-2	06/26/14	--	13.5	8.0	343	125
MW-2	07/10/14	5.0	17.5	5.5	267	160
MW-2	12/04/14	3.0	14.0	10.5	282	164
MW-2	01/15/15	6.0	11.2	7.2	524	160
MW-2	07/01/15	5.0	13.8	6.6	388	183
MW-2	09/23/15	2.0	18.2	5.6	412	186
MW-2	12/15/15	7.0	13.8	5.4	636	236
MW-2	02/23/16	3.0	10.3	6.1	507	183
MW-2	05/20/16	8.0	11.9	6.1	550	177
MW-2	08/18/16	3.0	17.6	5.7	692	173
MW-2	12/19/16	6.0	9.9	5.7	902	177
MW-3	06/26/14	--	14.9	7.2	670	84
MW-3	07/10/14	1.0	19.9	6.1	1046	116
MW-3	12/04/14	2.5	12.5	7.3	1460	112
MW-3	12/10/14	4.0	--	9.0	1870	143
MW-3	12/18/14	3.0	--	8.0	1248	92
MW-3	01/15/15	4.5	8.3	7.0	1369	151
MW-3	06/05/15	<1.0	--	--	--	--
MW-3	07/01/15	4.0	16.8	6.8	1,255	78
MW-3	09/23/15	5.0	20.3	6.7	1,406	47
MW-3	12/15/15	4.0	12.3	6.8	1,198	56
MW-3	02/23/16	5.5	8.3	6.6	6,020	78
MW-3	05/20/16	2.5	12.0	6.5	4,290	5
MW-3	08/18/16	2.0	19.9	6.4	6,040	-8
MW-3 was abandoned prior to excavation activities and was replaced with MW-3R.						
MW-3R	12/02/16	2.5	14.6	7.3	1,080	145
MW-4	06/26/14	--	14.2	6.6	813	91
MW-4	07/10/14	3.0	18.3	5.8	846	131
MW-4	12/04/14	1.0	12.9	--	695	171
MW-4	01/15/15	3.5	1.1	7.4	981	130
MW-4	07/01/15	1.5	14.4	6.7	887	50
MW-4	09/23/15	<1.0	17.3	6.2	1,190	32
MW-4	12/15/15	1.0	13.6	5.8	1,230	88
MW-4	02/23/16	1.0	10.1	6.0	1,170	102
MW-4	05/20/16	1.0	11.9	6.2	1,260	49
MW-4	08/18/16	2.0	16.7	6.2	1,780	32
MW-4 was abandoned prior to excavation activities and was replaced with MW-4R.						
MW-4R	12/02/16	3.5	14.4	6.9	1,330	160

Table 16.0: Historical Groundwater Chemistry Results (cont.)

Sample ID	Date	Dissolved Oxygen	Temperature	pH	Conductivity	ORP
		ppm	deg. C.	S.U.	ppm	mV
MW-5	06/26/14	--	14.2	6.9	446	120
MW-5	07/10/14	6.0	19.7	6.1	419	131
MW-5	12/04/14	2.0	13.6	--	350	171
MW-5	01/15/15	4.0	9.7	6.6	531	167
MW-5	07/01/15	2.5	15.0	6.2	717	129
MW-5	09/23/15	2.0	19.0	6.2	618	165
MW-5	12/15/15	4.0	13.5	6.2	705	221
MW-5	02/23/16	4.0	9.4	6.2	1,490	146
MW-5	05/20/16	4.0	13.4	6.3	1,350	159
MW-5	08/18/16	2.0	19.5	6.5	831	158
MW-5	12/02/16	3.0	14.7	6.3	511	189
MW-6	09/03/14	7.0	20.9	5.5	1100	143
MW-6	12/04/14	6.0	14.2	--	1050	165
MW-6	01/15/15	5.0	11.1	6.9	1610	173
MW-6	07/01/15	6.0	15.3	5.4	1,347	166
MW-6	09/23/15	5.0	20.3	5.6	1,590	182
MW-6	12/15/15	5.0	13.8	5.7	1,880	179
MW-6	02/23/16	6.0	10.9	5.6	1,240	153
MW-6	05/20/16	4.0	14.1	5.8	1,410	162
MW-6	08/18/16	5.5	19.3	6.1	2,030	197
MW-6	12/02/16	5.0	15.9	6.1	1,110	166
MW-7	09/03/14	5.5	18.3	5.7	680	137
MW-7	12/04/14	3.0	12.2	--	424	166
MW-7	01/15/15	3.0	9.6	6.0	608	157
MW-7	07/01/15	1.5	13.6	5.5	552	143
MW-7	09/23/15	1.5	16.5	6.1	631	200
MW-7	12/15/15	4.0	12.7	5.9	431	222
MW-7	02/23/16	2.5	9.3	5.9	415	217
MW-7	05/20/16	2.5	11.7	6.1	490	225
MW-7	08/18/16	1.5	16.3	5.9	571	192
MW-7	12/02/16	4.5	13.5	6.0	522	212
MW-8	09/03/14	4.0	18.6	6.0	967	133
MW-8	12/04/14	1.0	12.2	6.7	845	66
MW-8	12/10/14	2.5	--	8.8	776	99
MW-8	12/18/14	3.0	--	11.0	691	214
MW-8	01/15/15	1.5	10.2	6.0	834	153
MW-8	07/01/15	1.0	13.3	5.4	795	129
MW-8	09/23/15	2.5	15.1	6.4	982	99
MW-8	12/15/15	1.0	12.4	6.1	889	199
MW-8	02/23/16	1.0	10.0	6.4	805	170
MW-8	05/20/16	1.5	11.3	6.3	882	158
MW-8	08/18/16	3.0	14.9	6.3	987	175
MW-8	12/02/16	1.0	13.3	6.4	861	190
MW-9	09/03/14	6.0	16.5	5.6	104	155
MW-9	12/04/14	6.0	10.2	--	168	144
MW-9	01/15/15	5.0	8.7	6.5	199	127
MW-9	07/01/15	8.0	11.9	5.9	146	121
MW-9	09/23/15	3.0	13.8	6.4	104	184
MW-9	12/15/15	4.0	11.5	6.2	98	203
MW-9	02/23/16	6.0	8.7	6.4	85	165
MW-9	05/20/16	4.0	10.1	6.0	73	225
MW-9	08/18/16	3.0	13.4	6.0	130	185
MW-9	12/02/16	7.0	11.9	6.2	77	178

Table 16.0: Historical Groundwater Chemistry Results (cont.)

Sample ID	Date	Dissolved Oxygen	Temperature	pH	Conductivity	ORP
		ppm	deg. C.	S.U.	ppm	mV
MW-10	09/03/14	5.0	16.2	5.8	419	143
MW-10	12/04/14	1.5	11.4	6.8	337	66
MW-10	12/10/14	4.0	--	9.0	316	95
MW-10	12/18/14	3.5	--	10.3	314	221
MW-10	01/15/15	3.0	9.4	7.0	368	124
MW-10	07/01/15	1.0	12.0	6.3	333	107
MW-10	09/23/15	1.5	13.5	6.3	345	191
MW-10	12/15/15	3.0	11.8	6.4	153	188
MW-10	02/23/16	2.0	9.4	6.3	189	155
MW-10	05/20/16	2.0	10.6	6.2	139	206
MW-10	08/18/16	2.5	13.3	6.5	101	199
MW-10	12/02/16	5.5	12.2	6.2	106	187
MW-11	09/03/14	4.5	15.9	5.0	165	188
MW-11	12/04/14	9.0	10.3	6.3	206	92
MW-11	01/15/15	7.0	8.6	6.7	246	139
MW-11	07/01/15	5.5	12.1	5.7	178	142
MW-11	09/23/15	5.5	13.5	6.0	271	204
MW-11	12/15/15	5.0	11.3	5.6	122	217
MW-11	02/23/16	7.0	8.3	5.7	87	173
MW-11	05/20/16	6.0	10.0	5.4	124	220
MW-11	08/18/16	7.0	13.6	5.5	156	175
MW-11	12/02/16	7.0	11.6	5.7	84	195
MW-12	12/23/14	8.0	13.6	11.1	433	146
MW-12	01/15/15	7.0	10.3	8.0	547	162
MW-12	07/01/15	3.5	13.0	5.8	464	154
MW-12	09/23/15	4.0	14.7	5.7	397	197
MW-12	12/15/15	4.0	13.2	5.4	401	208
MW-12	02/23/16	5.0	10.4	5.5	370	164
MW-12	05/20/16	3.5	11.2	5.5	409	185
MW-12	08/18/16	2.5	14.3	5.4	379	122
MW-12	12/02/16	3.5	14.2	5.4	367	185
MW-13	12/15/15	3.0	12.6	6.7	896	206
MW-13	02/23/16	5.0	9.2	6.5	713	189
MW-13	05/20/16	6.0	11.0	6.6	847	199
MW-13	08/18/16	5.0	14.8	6.5	841	193
MW-13	12/19/16	3.5	7.0	6.6	902	177
MW-14	12/15/15	5.0	12.8	6.6	656	229
MW-14	02/23/16	6.0	10.2	7.1	485	215
MW-14	05/20/16	5.5	11.1	6.8	595	217
MW-14	08/18/16	8.0	14.8	6.7	619	183
MW-14	12/19/16	6.0	5.7	6.8	488	175
MW-15	12/15/15	4.0	14.2	6.8	2,170	155
MW-15	02/23/16	2.0	9.9	6.6	1,600	148
MW-15	05/20/16	5.0	13.1	6.7	1,690	121
MW-15	08/18/16	3.0	20.0	6.6	2,380	37
MW-15	12/19/16	3.5	9.6	6.6	1,820	173

Table 16.0: Historical Groundwater Chemistry Results (cont.)

Sample ID	Date	Dissolved Oxygen	Temperature	pH	Conductivity	ORP
		ppm	deg. C.	S.U.	ppm	mV
EW-1	05/08/15	<1.0	--	--	--	--
EW-1	06/05/15	<1.0	--	--	--	--
EW-1	02/23/16	3.0	7.5	7.0	4,760	179
EW-1	05/20/16	<1.0	16.4	6.9	1,770	-16
EW-1 was removed during excavation activities and was replaced with EW-1R.						
EW-1R	12/02/16	<1.0	15.3	7.3	1,310	36
EW-2	12/15/15	3.0	13.4	--	1,215	68
EW-2	02/23/16	2.5	9.5	7.2	2,180	55
EW-2	05/20/16	4.0	13.8	7.1	2,090	-14
EW-2	12/02/16	1.0	14.9	6.9	604	114
CP-4	05/08/15	1.0	--	--	--	--
CP-4	06/05/15	2.0	--	--	--	--
PT-1	09/03/14	1.5	21.1	5.8	820	95
PT-1	12/04/14	1.5	13.8	6.3	836	78
PT-1	01/15/15	1.5	9.9	7.7	949	138
PT-1	12/15/15	1.5	15.0	5.8	1,030	46
PT-1	02/23/16	2.0	11.3	6.4	2,160	80
PT-1	05/20/16	1.0	12.9	6.1	1,740	32
P-1	12/15/15	8.0	14.6	7.0	1,490	23
P-1	02/23/16	3.0	11.8	7.1	1,220	46
P-1	05/20/16	4.0	13.1	7.0	1,250	32
P-2	12/15/15	6.0	14.5	7.1	1,220	79
P-2	02/23/16	--	11.2	7.3	1,490	44
P-2	05/20/16	3.0	12.5	7.0	1,600	8
P-2 was abandoned prior to excavation activities and was replaced with P-2R.						
P-2R	12/02/16	NS	16.0	6.6	1,290	123
Standpipe	12/04/14	10.0	5.8	10.4	1800	191
Standpipe	12/10/14	10.0	--	9.6	897	169
Standpipe	12/18/14	10.0	--	9.2	690	161
Standpipe	01/15/15	9.0	2.9	7.0	3850	143
Standpipe	06/05/15	6.0	--	--	--	--
Standpipe	12/15/15	3.0	9.8	7.7	596	39
Standpipe	02/23/16	2.0	5.6	7.5	9,930	48
Standpipe	05/20/16	1.5	14.2	7.3	2,020	-42

Note: NS = not sampled.

ATTACHMENT A

WELL ABANDONMENT FORM WELL ID: MW-1

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 09/07/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8010° N Longitude 79.3435° W

2. OWNER AND ADDRESS:, Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Monitoring Well

5. DEPTH OF WELL 19 feet DIAMETER OF WELL: 2 inches

6. AMOUNT OF CASING REMOVED: _____ DIAMETER _____

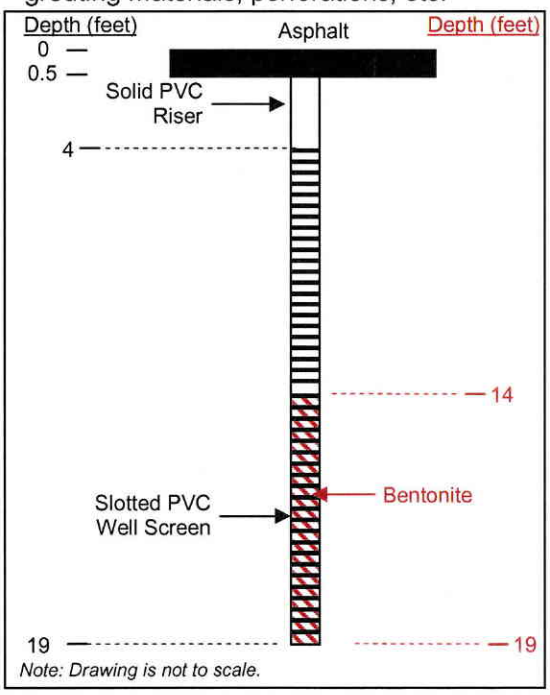
_____ _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):	_____	_____
gals of water:	_____	_____
pounds of sand/gravel:	_____	_____

OTHER MATERIAL: Bentonite – 7 pounds .

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
Slowly poured bentonite chips directly down the borehole. Chips were hydrated with water. The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with asphalt.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 7 day of the month of September, 2016, with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: MW-3

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 10/25/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3436° W

2. OWNER AND ADDRESS:., Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Monitoring Well

5. DEPTH OF WELL 14 feet DIAMETER OF WELL: 2 inches

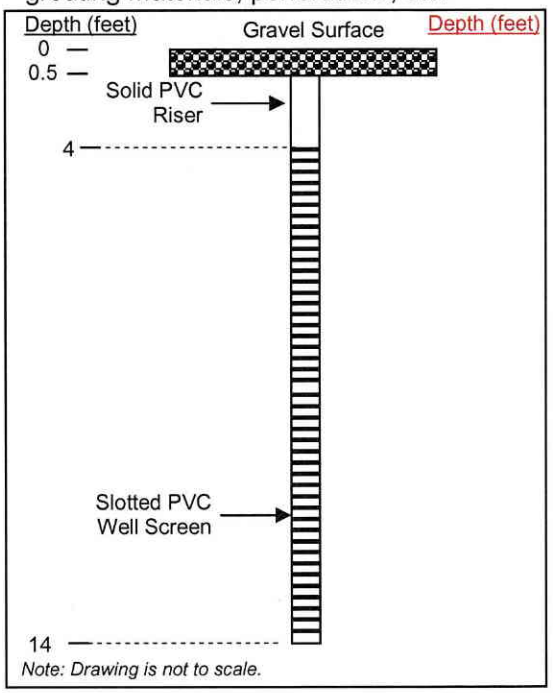
6. AMOUNT OF CASING REMOVED: 14 feet DIAMETER _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):	_____	_____
gals of water:	_____	_____
pounds of sand/gravel:	_____	_____

OTHER MATERIAL: _____.

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with gravel.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 25 day of the month of October, 2016, with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: MW-4

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 10/25/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3437° W

2. OWNER AND ADDRESS:., Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Monitoring Well

5. DEPTH OF WELL 13 feet DIAMETER OF WELL: 2 inches

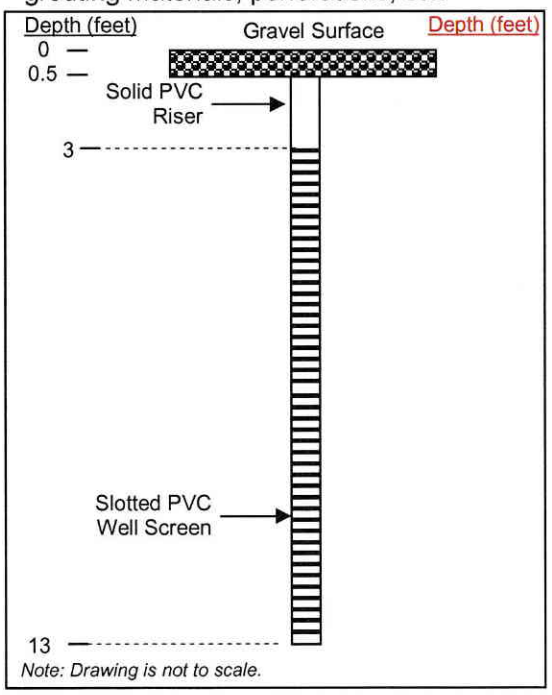
6. AMOUNT OF CASING REMOVED: 13 feet DIAMETER _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):	_____	_____
gals of water:	_____	_____
pounds of sand/gravel:	_____	_____

OTHER MATERIAL: _____.

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with gravel.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 25 day of the month of October, 2016, with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: PT_1

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 09/07/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3436° W

2. OWNER AND ADDRESS:, Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Pilot Testing Well

5. DEPTH OF WELL 17 feet DIAMETER OF WELL: 2 inches

6. AMOUNT OF CASING REMOVED: _____ DIAMETER _____

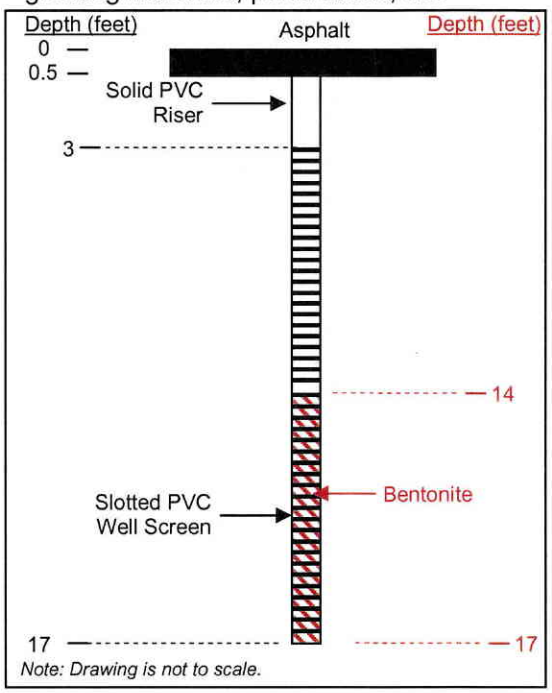
_____ _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):	_____	_____
gals of water:	_____	_____
pounds of sand/gravel:	_____	_____

OTHER MATERIAL: Bentonite – 5 pounds .

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
Slowly poured bentonite chips directly down the borehole. Chips were hydrated with water. The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with asphalt.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 7 day of the month of September , 2016 , with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: P-1

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 09/07/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8010° N Longitude 79.3435° W

2. OWNER AND ADDRESS:., Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Monitoring Well

5. DEPTH OF WELL 15 feet DIAMETER OF WELL: 2 inches

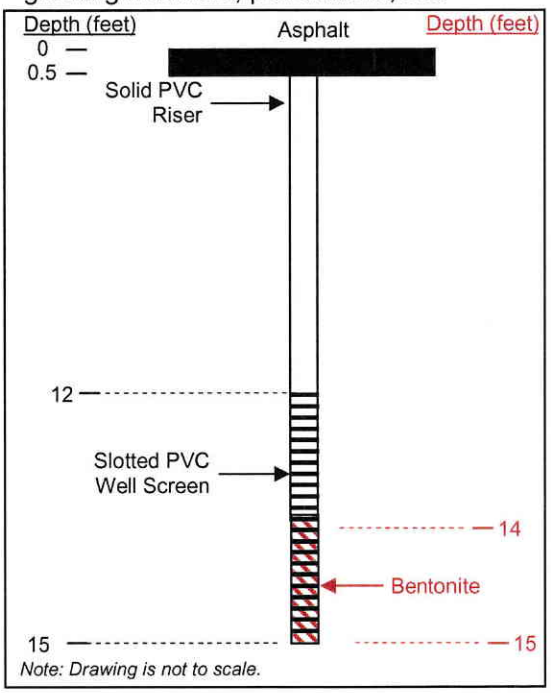
6. AMOUNT OF CASING REMOVED: _____ DIAMETER _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):		
gals of water:		
pounds of sand/gravel:		

OTHER MATERIAL: Bentonite – 2 pounds .

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
Slowly poured bentonite chips directly down the borehole. Chips were hydrated with water. The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with asphalt.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 7 day of the month of September , 2016 , with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: P-2

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 09/07/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3435° W

2. OWNER AND ADDRESS:, Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Monitoring Well

5. DEPTH OF WELL 15 feet DIAMETER OF WELL: 2 inches

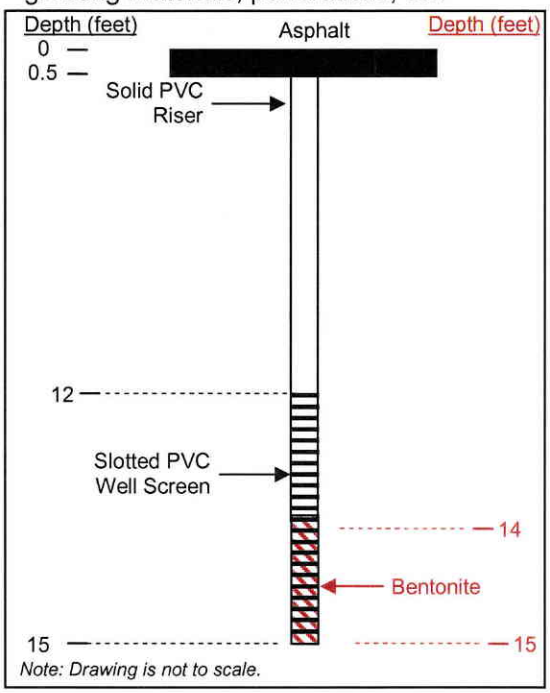
6. AMOUNT OF CASING REMOVED: _____ DIAMETER _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):		
gals of water:		
pounds of sand/gravel:		

OTHER MATERIAL: Bentonite – 2 pounds .

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
Slowly poured bentonite chips directly down the borehole. Chips were hydrated with water. The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with asphalt.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 7 day of the month of September , 2016 , with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: VM-2

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 10/25/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3437° W

2. OWNER AND ADDRESS:., Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

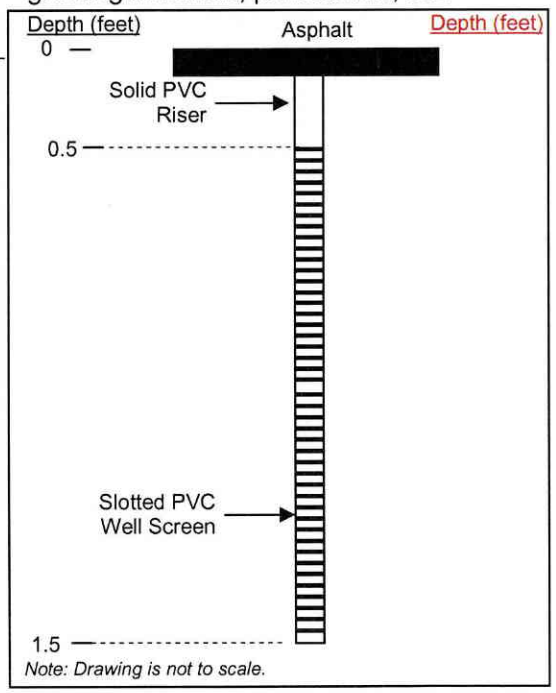
3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Soil Vapor Monitoring Well

5. DEPTH OF WELL 1.5 feet DIAMETER OF WELL: 3/4 inches

6. AMOUNT OF CASING REMOVED: 1.5 feet DIAMETER _____

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):	_____	_____
gals of water:	_____	_____
pounds of sand/gravel:	_____	_____

OTHER MATERIAL: _____.

8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with asphalt.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 25 day of the month of October, 2016, with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: VM-3

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 10/25/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3437° W

2. OWNER AND ADDRESS:., Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

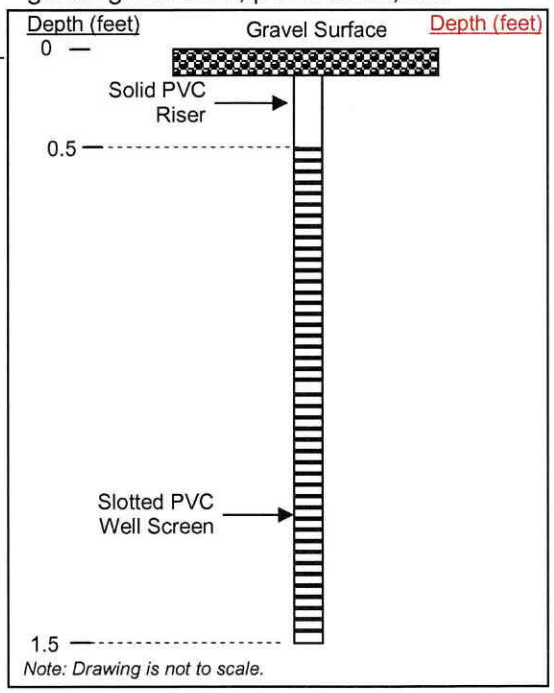
3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Soil Vapor Monitoring Well

5. DEPTH OF WELL 1.5 feet DIAMETER OF WELL: 3/4 inches

6. AMOUNT OF CASING REMOVED: 1.5 feet DIAMETER

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):		
gals of water:		
pounds of sand/gravel:		

OTHER MATERIAL: _____.

8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with asphalt.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 25 day of the month of October, 2016, with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

WELL ABANDONMENT FORM WELL ID: Standpipe

CONTRACTOR/AGENT Insite Group, Inc. REGISTRATION NO. N/A

DATE: 10/25/16 TYPE OF SITE OR PROGRAM: Storage Tank Corrective Actions

1. WELL LOCATION: (Show sketch of location on back of this form.) *Site map is attached*

Municipality Cowanshannock Borough County Armstrong

Quadrangle Rural Valley Quad 10243 State Route 85, Kittanning, PA 16201
(Road, community, subdivision, lot no.)

Latitude 40.8009° N Longitude 79.3437° W

2. OWNER AND ADDRESS:., Shiv Ram Properties, LLC, 10243 SR 85, Kittanning, PA 16201

3. TOPOGRAPHY (Circle) hilltop, slope, stream terrace, (valley), stream channel, draw, local depression, flat

4. USE OF WELL Pilot Testing Well

5. DEPTH OF WELL 5.5 feet DIAMETER OF WELL: 2 inches

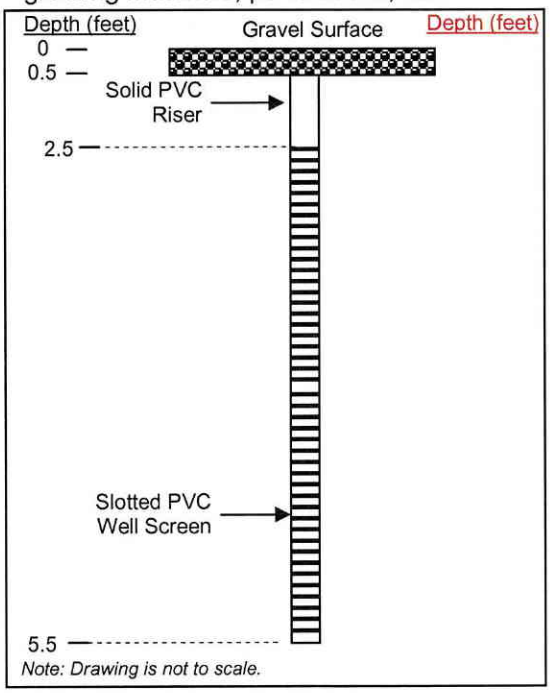
6. AMOUNT OF CASING REMOVED: 5.5 feet DIAMETER _____

7. SEALING MATERIAL:

	neat cement	sand cement
bags (94 lb):	_____	_____
gals of water:	_____	_____
pounds of sand/gravel:	_____	_____

OTHER MATERIAL: _____.

WELL DIAGRAM: sketch a diagram showing depths of well, casing (if present), grouting materials, perforations, etc.



8. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:
The entire well casing was removed during excavation in September/October 2016. The area was resurfaced with gravel.

9. CERTIFICATION: We hereby certify that this well abandonment record is true and exact, and was accomplished on 25 day of the month of October, 2016, with our active participation and that we are qualified to participate in such abandonment actions.

1. Signature of Participant: _____ Date: 2/1/17
Address: 611 South Irvine Avenue, Sharon, PA 16146

2. Signature of Participant: _____ Date: _____
Address: 611 South Irvine Avenue, Sharon, PA 16146

ATTACHMENT B

INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2101 F. 724-347-2159

Valley Village

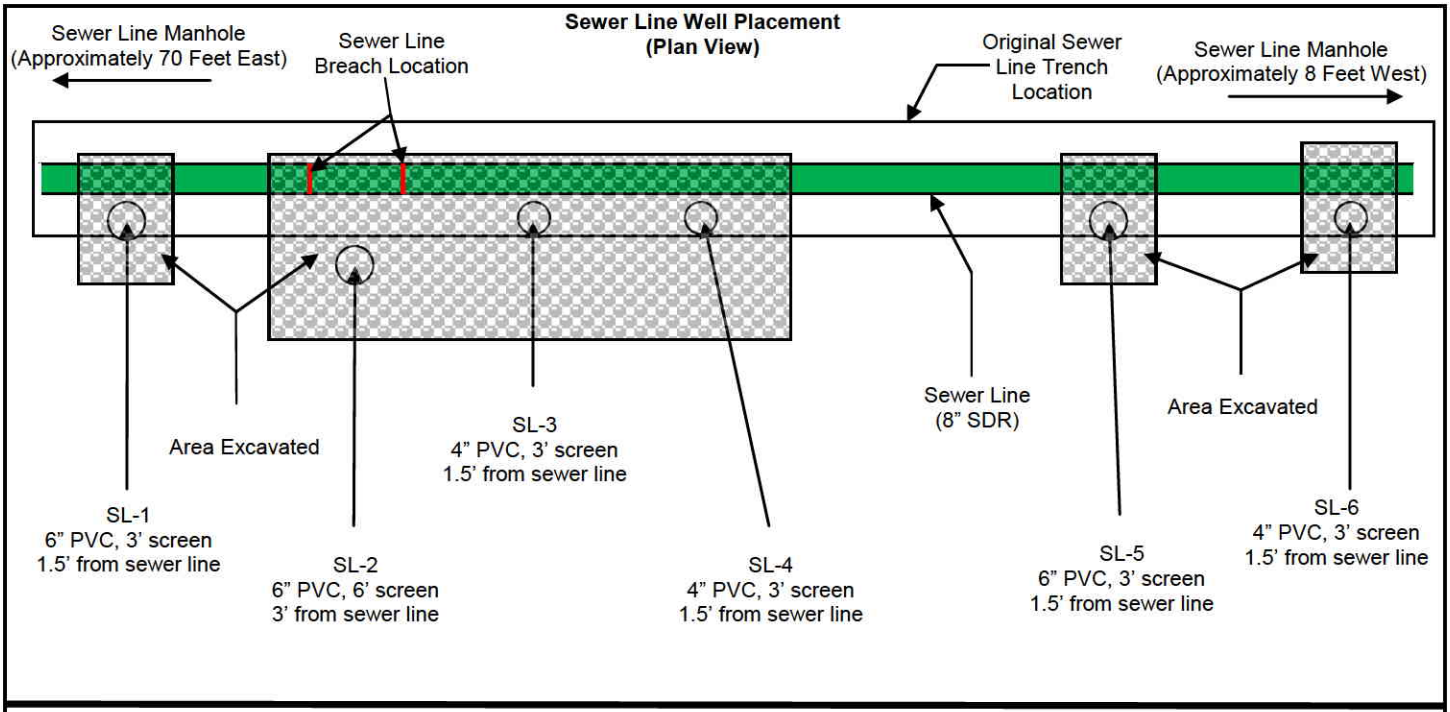
10243 State Route 85
Kittanning, PA 16201

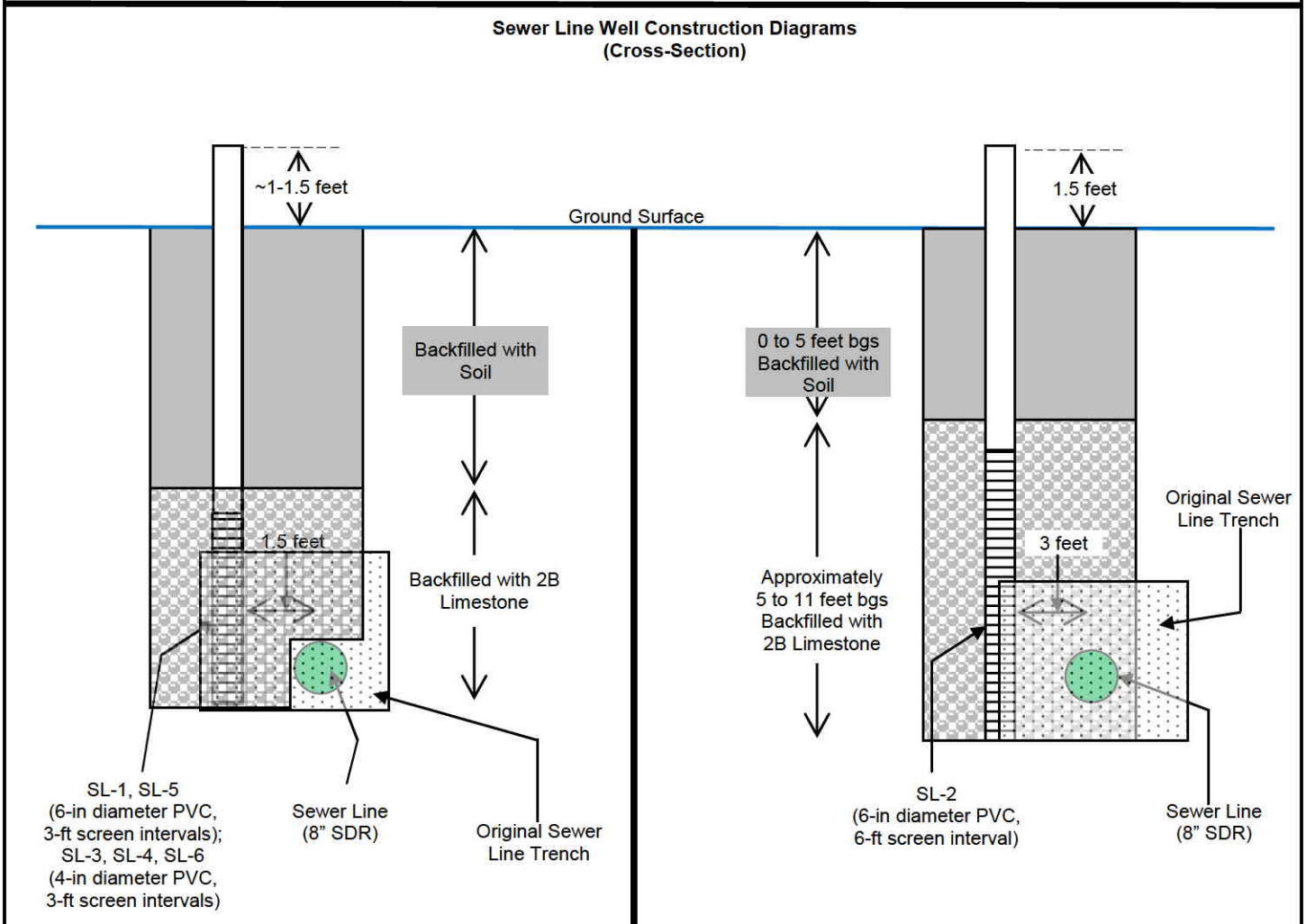
EW-1R

Boring Depth: *n/a*
Well Depth: *15 feet*
Casing Dia.: *8 inches*
Screen Length: *12 feet*
Screen Slot: *n/a*

Driller: *n/a*
Logged By: *Adam Gaines*
Date Drilled: *9/13/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
0					Asphalt			End Cap
1					Brown SHALE, moist, moderate odor.			8" dia. SDR Pipe
2								Depth to water ~2.4' bgs 09/13/16
3								
4								
5								
6								
7					Dug with excavator			
8					Gray silty GRAVEL, most to wet at 3 feet, moderate to strong odors, some SPL at 39".			8" dia.Slotted SDR Pipe
9								
10								
11								2B Gravel
12								
13								
14								
15								
16					Total Depth 15'			
17								
18								
19								
20								
21								





INSITE GROUP, INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146

Note:
Drawing is not to scale.

SEWER LINE WELL CONSTRUCTION DIAGRAMS

VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201

INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2101 F. 724-347-2159

Valley Village

10243 State Route 85
Kittanning, PA 16201

MW-1R

page 1 of 1

Boring Depth: *13 feet*
Well Depth: *13 feet*
Casing Dia.: *2 inches*
Screen Length: *10 feet*
Screen Slot: *0.020*

Driller: *Chatfield Drilling (Chris and Sean)*
Logged By: *Adam Gaines*
Date Drilled: *11/1/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
0					Asphalt		End Cap	
1	Auger						Washed Sand	
2							Bentonite	
3	SS-1	5 6 6 5	1.0				2" dia. Schedule 40, PVC Riser	
4								Depth to water ~4.3' bgs
5	SS-2	3 4 4 4	1.0					
6					Gray SAND and GRAVEL (2A fill), moist to wet at 7', no odor (fill)			Wet at 7 feet.
7	Auger							
8							2" dia. 0.020 Slot, PVC Screen	
9	SS-3	4 6 6 7	1.3					
10								
11	Auger						Washed Sand	
12								
13					Total Depth 13'			
14								
15								
16								
17								
18								
19								
20								
21								

INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2101 F. 724-347-2159

Valley Village

10243 State Route 85
Kittanning, PA 16201

MW-3R

page 1 of 1

Boring Depth: *13 feet*
Well Depth: *13 feet*
Casing Dia.: *2 inches*
Screen Length: *10 feet*
Screen Slot: *0.020*

Driller: *Chatfield Drilling (Chris and Sean)*
Logged By: *Adam Gaines*
Date Drilled: *11/1/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
0					Asphalt		End Cap	
1	Auger						Washed Sand	
2							Bentonite	
3	SS-1	6 5 4 4	1.2				2" dia. Schedule 40, PVC Riser	
4								
5	SS-2	4 6 6 7	1.3					
6							Wet at 6 feet.	
7	SS-3	6 4 5 3	1.4		Gray SAND and GRAVEL (2A fill) with some brown CLAY, moist to wet at 6', no odor (fill)		Depth to water 6.4' bgs	
8								
9	SS-4	2 2 2 4	1.8				2" dia. 0.020 Slot, PVC Screen	
10								
11	SS-5	4 3 1 1	0.8				Washed Sand	
12								
13	Auger							
14					Total Depth 13'			
15								
16								
17								
18								
19								
20								
21								

INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2101 F. 724-347-2159

Valley Village

10243 State Route 85
Kittanning, PA 16201

MW-4R

page 1 of 1

Boring Depth: *13 feet*
Well Depth: *13 feet*
Casing Dia.: *2 inches*
Screen Length: *10 feet*
Screen Slot: *0.020*

Driller: *Chatfield Drilling (Chris and Sean)*
Logged By: *Adam Gaines*
Date Drilled: *11/1/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
0					Gray GRAVEL (fill)		End Cap	
1							Washed Sand	
2	Auger						Bentonite	
3							2" dia. Schedule 40, PVC Riser	
4								
5	SS-1	2 3 2 3	0.8				2" dia. 0.020 Slot, PVC Screen	
6							Depth to water ~6.4' bgs	
7	SS-2	3 4 2 4	1.3		Gray SAND and GRAVEL (2A fill) mixed with brown silty CLAY, moist to wet at 9', no odor (fill)			
8								
9	SS-3	4 4 5 5	1.3				Wet at 9 feet.	
10								
11	SS-4	4 3 5 5	0.7				Washed Sand	
12								
13	Auger							
14					Total Depth 13'			
15								
16								
17								
18								
19								
20								
21								

INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2101 F. 724-347-2159

Valley Village

10243 State Route 85
Kittanning, PA 16201

P-2R

Boring Depth: *15 feet*
Well Depth: *15 feet*
Casing Dia.: *2 inches*
Screen Length: *3 feet*
Screen Slot: *0.020*

Driller: *Chatfield Drilling (Chris and Sean)*
Logged By: *Adam Gaines*
Date Drilled: *11/1/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
0					Asphalt		End Cap	
1							Washed Sand	
2	Auger						2" dia. Schedule 40, PVC Riser	
3								
4								
5	SS-1	3 4 4 3	0.5				Bentonite	
6								
7	SS-2	4 4 4 6	1.7		Gray SAND and GRAVEL (2A fill) and brown silty CLAY with some GRAVEL, moist with a thin wet zone at 7', no odor (fill)			
8								
9	SS-3	6 8 7 10	1.3					
10								
11	SS-4	6 7 7 12	1.7					
12								
13	SS-5	10 12 11 15	1.6				Washed Sand	
14	Auger				Brown CLAY with some GRAVEL, moist, very faint odor.		2" dia. 0.020 Slot, PVC Screen	
15								
16					Total Depth 15'			
17								
18								
19								
20								
21								

INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2301 F. 724-347-2359

Valley Village
10243 State Route 85
Kittanning, PA 16201

VM-2R
page 1 of 1

Boring Depth:	*1.5 feet*
Well Depth:	*1.5 feet*
Casing Dia.:	*3/4 inches*
Screen Length:	*1 feet*
Screen Slot:	*0.020*

Driller: *Chatfield Drilling (Chris and Sean)*
Logged By: *Adam Gaines*
Date Drilled: *11/1/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
					Asphalt surface.		End Cap	
							Bentonite	
					Auger		3/4" dia. Schedule 40, PVC Riser	
1					Gray SAND and GRAVEL (2A fill), moist, no odor (fill)		Washed Sand	
							3/4" dia., 0.020 Slot PVC Screen	
2								
3								
4								
5								
6								
7								
8								
9								
10								

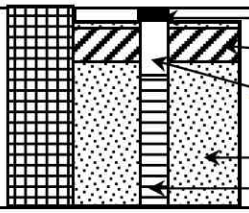
INSITE GROUP INC.
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146
P. 724-347-2101 F. 724-347-2159

Valley Village
10243 State Route 85
Kittanning, PA 16201

VM-3R
page 1 of 1

Boring Depth:	*1.5 feet*
Well Depth:	*1.5 feet*
Casing Dia.:	*3/4 inches*
Screen Length:	*1 feet*
Screen Slot:	*0.020*

Driller: *Chatfield Drilling (Chris and Sean)*
Logged By: *Adam Gaines*
Date Drilled: *11/1/2016*

DEPTH (FT)	SAMPLE NO.	BLOWS / 0.5 FT	RECOVERY (FT)	PID (ppm)	DESCRIPTION	GRAPHIC	WELL CONSTRUCTION	COMMENTS / DETAILS
0							Flushmount Cover	
1					Auger	Gray SAND and GRAVEL (2A fill), moist, no odor (fill)		End Cap Bentonite 3/4" dia. Schedule 40, PVC Riser Washed Sand 3/4" dia., 0.020 Slot PVC Screen
2								
3								
4								
5								
6								
7								
8								
9								
10								

ATTACHMENT C

2630-FM-BECB0575 Rev. 9/2012

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

UNDERGROUND STORAGE TANK MODIFICATION REPORT

I. FACILITY INFORMATION

Facility I.D. Number 03-06500

Facility Name Valley Village

Facility Address 10243 State Route 85
Kittanning
Pa. 16201-8165

Municipality Cowanshannock Twp.

County Armstrong

OFFICIAL USE ONLY

	INITIAL	DATE
CO Review		
Data Entry		
RO Review		

II. TANK INFORMATION

Tank modification is in accordance with manufacturer's specifications and current industry standards. If no, explain all irregularities in the comment section.

☒ Yes ☐ No

Is this modification in response to an inspection?

☐ Yes ☒ No

Tank modification complies with Fire Safety Requirements (for flammable & combustible liquids). If no, explain all irregularities in the comment section.

☐ Yes ☐ No ☒ Not Applicable

Fire/Safety Permit Number _____ Issued By _____ Date _____

This modification activity is?

☐ Minor modification ☒ Major modification
Major modifications include all instances of excavation in the backfill area.

III. INSTALLER INFORMATION

Installer Name	Installer Cert. No.	Certification Category(ies)	Company Name	Company Cert. No.
F Brian Klinginsmith	1135	UMX	Klinginsmith Entpr.Inc	1784

FACILITY I.D. # 03 - 06500

IV. TANK SYSTEM COMPONENTS. (Describe only components that have been installed or modified.)

Tank #	Tank #	Tank #	Tank #	Tank #	Tank #
1	2	3			

(1) Tank Modification (describe in V. Comments)

- ☐ ☐ ☐ C Cathodic protection (modified)
- ☐ ☐ ☐ 99 Other

(2) Underground Piping Installation or Modification (describe in V. Comments)

- ☐ ☐ ☐ B Cathodic protection added
- ☐ ☐ ☐ Field design by a "corrosion expert" _____ Industry Standard used for CP
- ☐ ☐ ☐ H Modification of existing piping
- ☐ ☐ ☐ I Double walled steel piping
- ☐ ☐ ☐ J Double walled fiberglass
- ☐ ☐ ☐ K Double walled plastic
- ☐ ☐ ☐ M Jacketed piping
- ☒ ☒ ☒ 99 Other

(PFLEX) Piping Flexible Connection Installation or Modification (describe in V. Comments)

- ☐ ☐ ☐ B Metallic w/cathodic protection added
- ☐ ☐ ☐ I Placed inside containment
- ☐ ☐ ☐ M Jacket added
- ☐ ☐ ☐ 99 Other

(4) Product Delivery (Pump) System Modification (describe in V. Comments)

- ☐ ☐ ☐ A Suction: Check valve at pump
- ☐ ☐ ☐ B Suction: Check valve at tank
- ☐ ☐ ☐ C Pressure: Submersible pump (STP)
- ☐ ☐ ☐ D Gravity Fed
- ☐ ☐ ☐ 88 Installed/removed siphon bar

(5) Pipe Release Detection Modification (describe in V. Comments)

- ☐ ☐ ☐ A Automatic line leak detector added
- ☐ ☐ ☐ D Interstitial monitoring added
- ☐ ☐ ☐ K Electronic line leak detector added
- ☐ ☐ ☐ L Continuous Interstitial monitor added
- ☐ ☐ ☐ 88 STP shut off added
- ☐ ☐ ☐ 99 Other

(6) Spill Prevention Repair (describe repair, test and type in V. Comments)

- ☒ ☐ ☐ Y Yes

(7) Overfill Prevention Installation or Modification

- ☐ ☐ ☐ S Drop tube shut-off device added
- ☐ ☐ ☐ A Overfill alarm added
- ☐ ☐ ☐ B Ball float valve with extractor added

(12) Tank Release Detection Modification

- ☐ ☐ ☐ E Automatic tank gauge added
- ☐ ☐ ☐ H Interstitial monitor (2 walls) added
- ☐ ☐ ☐ J Groundwater monitor added (attach site evaluation)
- ☐ ☐ ☐ K Vapor monitoring added (attach site evaluation)

(19) Stage I Vapor Recovery Modification

- ☐ ☐ ☐ A Coaxial added
- ☐ ☐ ☐ B 2 Port added

(20) Stage II Vapor Recovery Modification

- ☐ ☐ ☐ A Complete balance system added
- ☐ ☐ ☐ B Complete assist system added
- ☐ ☐ ☐ C Underground piping only added

(21) Tank top Sump Installation or Repair (describe installation and test in V. Comments)

- ☐ ☐ ☐ Y Yes

(22) Dispenser Pan Installation or Repair (describe installation and test in V. Comments)

- ☐ ☐ ☐ 88 New dispenser installed
- ☐ ☐ ☐ Y Under existing dispenser

FACILITY I.D. # 03 - 06500

V. COMMENTS (Describe activity completed in detail. Explain "other" modifications. Include site drawing.)

The project was a USTIF fuel contaminated soil removal project that Klinginsmith Enterprises was the excavation contractor for Insite Group, Inc. 611 South Irvine Ave., Sharon, Pa. 16146

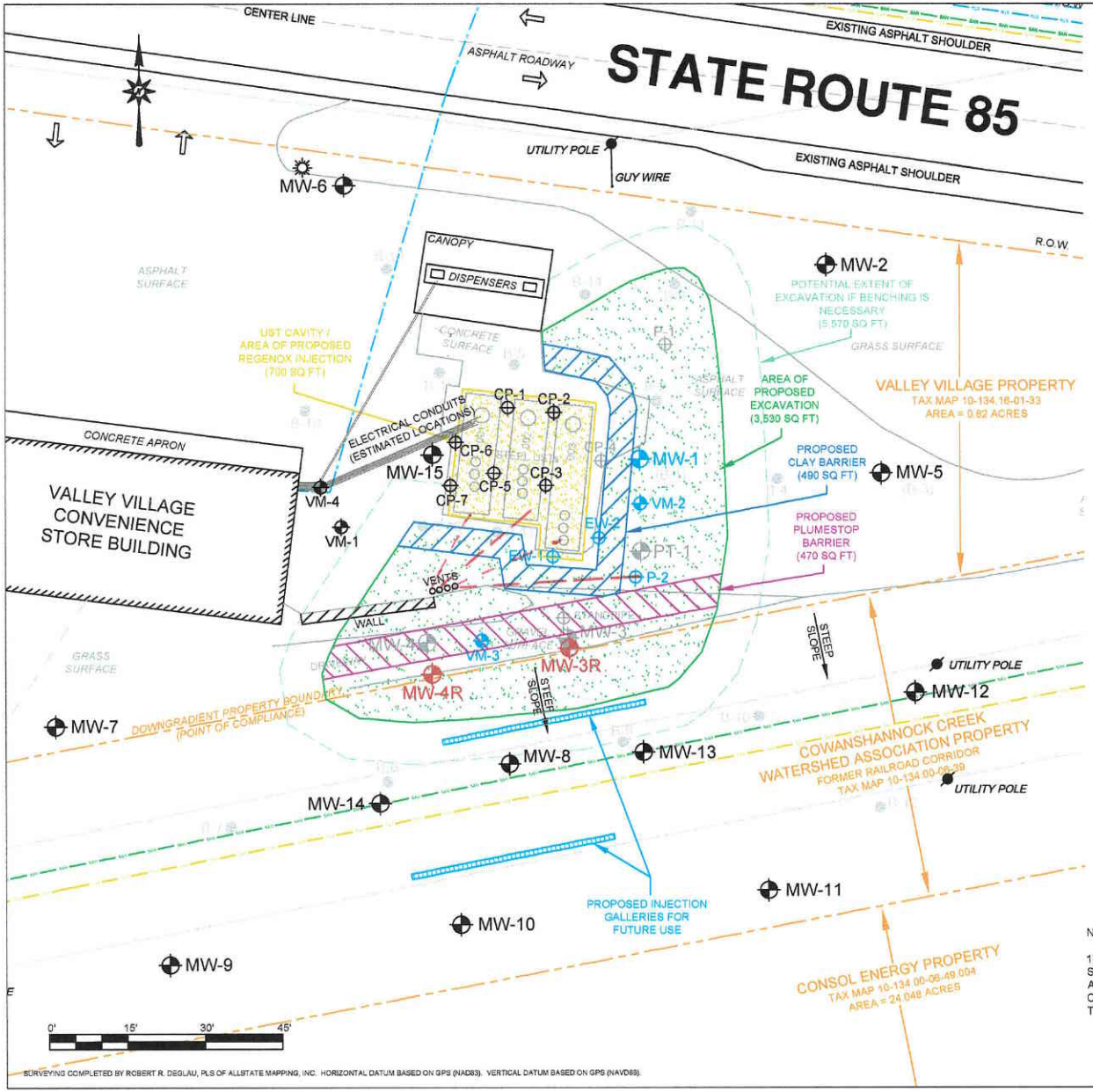
The project required soils to be removed around the tank cavity as shown on the attached drawing. The tank vent pipes were removed and temporary ones installed at the end of each tank to allow removal of contaminated soils.

After completion of contaminated soil removal and clean 2-A limestone backfill replacement three new 2 inch galvanized steel vent pipes were reinstalled at the original locations. The vent pipes extend 12 feet above ground level with pressure / vacuum rain caps and two 4 inch protection bollards cemented in place.

VI. INSTALLER CERTIFICATION

This Section must be completed by the certified installer(s) for modifications performed on underground storage tank systems. By signing below, the certified installer verifies that the tank handling activity was conducted in compliance with the standards of Act 32 and applicable regulations. The signature also certifies, under penalty of law as provided in 18 PA C.S.A. Section 4904 (relating to unsworn falsification to authorities), that the information provided is true, accurate, and complete to the best of his/her knowledge and belief.

Signature(s)	Date(s) of Signature	Date(s) Work Completed
/Brian Klinginsmith	Oct 28, 2016	Oct 25, 2016



SURVEYING COMPLETED BY ROBERT R. DEGLAU, PLS OF ALLSTATE MAPPING, INC. HORIZONTAL DATUM BASED ON GPS (NAD83). VERTICAL DATUM BASED ON GPS (NAVD88).

LEGEND

- MW-2 EXISTING MONITORING WELL
- MW-1 EXISTING WELL TO BE REMOVED DURING EXCAVATION AND REPLACED AT THE SAME LOCATION.
- MW-3 EXISTING WELL TO BE REMOVED DURING EXCAVATION AND NOT REPLACED
- MW-3R PROPOSED REPLACEMENT MONITORING WELL
- EW-1 EXISTING EXTRACTION WELL
- CP-1 EXISTING UST CAVITY INJECTION WELL
- VM-1 EXISTING SOIL VAPOR MONITORING POINT
- P-1 EXISTING PIEZOMETER
- FORMER SOIL BORING
- PROPOSED INJECTION GALLERIES
- PROPERTY BOUNDARIES
- WATER LINE
- NATURAL GAS LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OVERHEAD POWER LINES

AREA OF PROPOSED EXCAVATION (~ 3,530 SQUARE FEET)
- ADSORBED PHASE MASS ABOVE AND BELOW THE WATER TABLE WILL BE EXCAVATED TO AN ESTIMATED TOTAL DEPTH OF UP TO 17 FEET BGS. TOTAL VOLUME = ~ 2,223 CUBIC YARDS.

PROPOSED CLAY BARRIER (~ 490 SQUARE FEET)
- THE PORTION OF THE EXCAVATION IMMEDIATELY ADJACENT TO THE UST CAVITY WILL BE BACKFILLED CLAY REUSE SOIL TO CREATE A CLAY BARRIER AROUND THE UST CAVITY.

PROPOSED PLUMESTOP BARRIER (~ 470 SQUARE FEET)
- FOLLOWING BACKFILLING, A TRENCH WILL BE EXCAVATED NEAR THE DOWNGRADIENT PROPERTY BOUNDARY. THE MATERIAL EXCAVATED WILL BE MIXED WITH SAND.
- PLUMESTOP WILL BE MIXED WITH THE SOIL IN THE TRENCH DURING BACKFILLING APPLIED FROM 2 TO 17 FEET BGS.

UST CAVITY (~ 700 SQUARE FEET)
- REGENOX PART A WILL BE INJECTED INTO THE UST CAVITY TO DESORB AND OXIDIZE CONTAMINANT MASS.
- FOLLOWING INJECTION, GROUNDWATER WILL BE EXTRACTED FROM THE UST CAVITY TO REMOVE THE LIBERATED CONTAMINANT MASS.

WELLS TO BE REMOVED DURING EXCAVATION

MW-1	TO BE REPLACED AS MW-1R AT SAME LOCATION.
MW-3	TO BE REPLACED AS MW-3R AT LOCATION INDICATED.
MW-4	TO BE REPLACED AS MW-4R AT LOCATION INDICATED.
P-1	WILL NOT BE REPLACED.
P-2	TO BE REPLACED AS P-2R AT SAME LOCATION.
PT-1	WILL NOT BE REPLACED.
STANDPIPE	WILL NOT BE REPLACED.
VM-2	TO BE REPLACED AS VM-1R AT SAME LOCATION.
VM-3	TO BE REPLACED AS VM-2R AT SAME LOCATION.
EW-1	TO BE REPLACED AS EW-1R AT SAME LOCATION.
EW-2	TO BE REPLACED AS EW-2R AT SAME LOCATION.
CP-4	WILL NOT BE REPLACED.

NOTE:

1) THE PROPOSED AREA OF EXCAVATION SHOWN IS AN ESTIMATE. THE ACTUAL AREA OF EXCAVATION MAY VARY BASED ON SITE CONDITIONS ENCOUNTERED IN THE FIELD.

FIGURE 1
PROPOSED REMEDIATION
VALLEY VILLAGE
10243 STATE ROUTE 85, KITTANNING, PA 16201

DRAWN	REVISED	CHECKED
JLS	JLS	SJG
DATE	DATE	DATE
02/19/2015	07/21/2016	07/21/2016

INSITE GROUP INC
611 SOUTH IRVINE AVENUE
SHARON, PENNSYLVANIA 16146

NEW INSTALLED

REMOVED EXISTING

ATTACHMENT D

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472744

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joesph Bellone
Address: PO Box 55
Yatesboro, PA 16263

Phone No.: 724-340-8867

Generator Location: Valley Village
Address: 16443 SR 85
Kittanning PA 16201

Phone No.: 724-783-6641 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	LIST Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Adam Fredrickson Numa Bros
Address 3 mo/ls
Driver Name Adam Fredrickson
Phone No. 534-6000
Truck No. Num 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 9/15/16

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 16

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue Disposal Office Copy Green–Return to Operator Canary Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472745

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buttone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 4345 SR 85
Kittanning, PA 16201
Phone No.: 724-983-6664 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	ACT Contaminated Soil	359753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Rooring Run Trans
Address: Butler PA
Driver Name: Charles Eberle
Phone No.: 814-571-1420
Truck No.: R236 Trailer No.: ZFV-9284
Vehicle License No./State:
Charles Eberle — 9/15/16
Driver Signature (Acknowledge Receipt of Materials) | Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | 9-21-16 Date

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 21.31

Section IV — ASBESTOS

Removal Contractor's Name: | Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472746

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Valeskeo PA 16263

Generator Location: Valley Village
Address: 12243 SR 85
Kittanning PA 16201

Phone No.: 724-840-8867

Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I

Name: Roquiec Kyle Evans
Address: Bucket Rd
Driver Name: Charles Eberle
Phone No. 814 571 1920
Truck No. 12236 Trailer No.
Vehicle License No./State: 9281
Charles Eberle 9/15/16

Driver Signature (Acknowledge Receipt of Materials) | Date

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State

Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

9/15/16

Total Truck Net Weight In Tons .69

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: | Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472747

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buttone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 10313 SR 85
Kittanning PA 16201
Phone No.: 724-783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	ACT Contaminated Soil	339753	
2.			
3.			
4.			
5.			1
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Adman Bros
Address: Strongs
Driver Name: Adam Fredrickson
Phone No. 814 334-6000
Truck No. Dump 6 Trailer No.
Vehicle License No./State ZHX4053
Driver Signature (Acknowledge Receipt of Materials) 9-15-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 1.64

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White - Original | Blue–Disposal Office Copy | Green Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472748

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ballone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 11243 RR 85
Kittanning, PA 16201
Phone No.: 724-783-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated with Oil	259763	
2.		
3.		
4.		
5.		1
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Roaring Run Trucking
Address: Box 84
Driver Name: Charles Eberle
Phone No. 814 571 1426
Truck No. R1136 Trailer No. _____
Vehicle License No./State ZFV-9281
Charles Eberle 9/16/16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 1.31

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472749

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buttone
Address: PO Box 55
Versbboro PA 16263

Generator Location: Valley Village
Address: 16213 SR 85
Kittanning, PA 16201

Phone No.: 724-846-8867

Phone No.: 724-783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I

Name: Nason Inc
Address: Strattanville
Driver Name: [illegible]
Phone No. 724-[illegible]
Truck No. Nason 6 Trailer No.
Vehicle License No./State ZHX 4053
[signature] 9-16-16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 9.15

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number:
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retains Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472750

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buttone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Challenger Trans
Address: Ridgway
Driver Name: Kyle Smith
Phone No. 814-772-9736
Truck No. 530 Trailer No.
Vehicle License No./State ZHD 7843 PA
Driver Signature (Acknowledge Receipt of Materials) | Date: 9-16-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 25

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: | Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472751

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I GENERATOR

Generator Name: Joseph Kuffrane
Address: P.O. Box 65
Yatesboro PA 16263

Generator Location: Valley Village
Address: 1213 SR 85
Kittanning PA 16201

Phone No.: 724-548-8867

Phone No.: 724-783-6464 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NOT Contaminated Soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II TRANSPORTER

TRANSPORTER I
Name: Roaring Run Trans
Address: Big Run PA
Driver Name: Charlie Elbon
Phone No. 814 571 1420
Truck No. KL36 Trailer No.
Vehicle License No./State ZFV9284
Driver Signature (Acknowledge Receipt of Materials) 9/16/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 9/19/16

Total Truck Net Weight In Tons 0

Indicate any Discrepancies:

Section IV ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472752

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Fattore
Address: PO Box 55
Yatesboro PA 16263

Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 1123 SR 85
Kittanning, PA 16201

Phone No.: 724-783-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Nuwon Bros
Address: Strattanville
Driver Name Adam Fredrickson
Phone No. 634-6000
Truck No. Num 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) 9-16-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 765-1744
Fax: (814) 765-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 17

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White–Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472753

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Waterford, PA 16363
Phone No.: 724-641-8867

Generator Location: Valley Village
Address: 10313 SR 86
Littleworth, PA 16301
Phone No.: 814-963-4664 County: Crawford

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	AST contaminated soil	257253	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Chalmers Trails
Address: Ridgway
Driver Name: Kyle Smith
Phone No.: 772-7236
Truck No.: 530 Trailer No.:
Vehicle License No./State: Z115 7343
Driver Signature (Acknowledge Receipt of Materials) | Date: 9-16-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 12.5

Section IV — **ASBESTOS**

Removal Contractor's Name: | Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White - Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472754

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Ashtabula OH 44363
Phone No.: 724-446-8867

Generator Location: Valley Landscape
Address: 1845 SR 88
Finleyville, PA 15301
Phone No.: 724-783-6667 County Washington

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. ACM Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Roaring Run Trans
Address: 516 Lyle Rd
Driver Name: Charles Lyle
Phone No. 814 571 1420
Truck No. RR36 Trailer No.
Vehicle License No./State: PA 9284
Charles Lyle
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 21.11

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472755

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Beffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-3567

Generator Location: Valley Village
Address: 1343 SR 85
Kittanning, PA 16201
Phone No.: 724-283-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated w/ Oil	351753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: RB Hauling Corp
Address: Tarentum
Driver Name: Adam Fredrickson
Phone No. 724-602-0
Truck No. 6 Trailer No. 2009
Vehicle License No./State ZHX-4053
Driver Signature (Acknowledge Receipt of Materials) 8-20-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 23

Section IV — **ASBESTOS**

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472756

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kaffenberger
Address: PO Box 55
Yatesboro, PA 16263

Generator Location: Valley Village
Address: 1235 SR 85
Kittanning, PA 16201

Phone No.: 724-548-8607

Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated Soil	259153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: A[illegible]
Address [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. Aug 5 Trailer No. N/A
Vehicle License No./State 21-X-6663
Driver Signature (Acknowledge Receipt of Materials) 7/20/16 Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | 7/20/16 Date

Total Truck Net Weight In Tons: 21.11

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472757

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Hilltop Village
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6861 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	251753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Roaring Run VCT
Address: Bigler PA
Driver Name: Randy VanBlerck
Phone No. 814 342 5223
Truck No. 80 Trailer No.
Vehicle License No./State 3HC9167 PA
Randall J Verbeck 9-20-16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 27.75

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472758

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: [illegible] Bellaire
Address: [illegible] 55
Uniontown PA 15463

Generator Location: Valley Village
Address: 1370 SR 85
Lemont Furnace, PA 15456

Phone No.: 724-438-8861

Phone No.: 724-783-4667 County Fayette

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Non-hazardous soil	251753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Roaring Run Titan
Address: Belle Vernon PA
Driver Name: Charles Short
Phone No. 814 571 1420
Truck No. R1236 Trailer No.
Vehicle License No./State FV 9284
Charles Short 9/20/16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 9/20/16

Total Truck Net Weight In Tons: 23.30

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White–Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472759

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Youngsville PA 16371
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 10213 SR 62
Tidioute, PA 16351
Phone No.: 724-563-6664 County Warren

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated Soil	259/253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Nunan Bros
Address: Starr's
Driver Name Adam Fredrickson
Phone No. 834-6xxx
Truck No. 6 Trailer No.
Vehicle License No./State ZHX-40?3
Driver Signature (Acknowledge Receipt of Materials) 9-20-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials 9/20 | Date

Total Truck Net Weight in Tons 23.12

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White Original | Blue–Disposal Office Copy | Green Return to Operator | Canary–Generator Retain | Pink Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472760

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kaffenberger
Address: PO Box 25
Validation, PA 16263

Generator Location: Valley Village
Address: 1343 SR 56
Lattanning, PA 16241

Phone No.: 724-846-8867

Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	339753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: [illegible] Advanced Disposal
Address: St Marys, PA
Driver Name: Jake Path
Phone No. 814 834 6000
Truck No. [illegible] AD-5 Trailer No. _____
Vehicle License No./State 2-? 6663
[signature] 9/22/16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 9/22/16

Total Truck Net Weight In Tons 32

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472761

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Waste Buffalo
Address: PO Box 25
Valencia PA 16043
Phone No.: 724-898-6867

Generator Location: Valley Village
Address: 11343 SR 85
Cranberry PA 16301
Phone No.: 724-453-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NOT Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Roging Run
Address: Brockton PA
Driver Name: Randy Verbosh
Phone No.: 312 5223
Truck No.: VCT 20 Trailer No.:
Vehicle License No./State: Randy Verbosh 167 9-20-16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials 9/20/16 Date

Total Truck Net Weight In Tons: 8.7

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue Disposal Office Copy | Green–Return to Operator | Canary Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472762

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 35
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 1210 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6647 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NOT Contaminated Soil	259723	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Rowing Run Trans
Address: 3 Stop Pa
Driver Name: Chris Eberle
Phone No. 814 571 1426
Truck No. RR36 Trailer No.
Vehicle License No./State: ZFU9284
Driver Signature (Acknowledge Receipt of Materials): Chris Eberle
Date: 9/21/16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 22.46

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472763

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: PO Box 55
Youngstown, PA 15693
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 1043 SR 35
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Rovering Rem
Address: Dayton PA
Driver Name: Randy Verbeck
Phone No. 724 5223
Truck No. VCT 20 Trailer No.
Vehicle License No./State ZHC 9167
Driver Signature (Acknowledge Receipt of Materials) 5-21-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | 5/21/16 Date

Total Truck Net Weight In Tons: 17.57

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472765

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-340-8467

Generator Location: Valley Village
Address: 1023 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Asbestos Contaminated Soil	259153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Avery Eco Coast
Address: St. Marys, PA
Driver Name: Jake Mathews
Phone No. 814 834 6050
Truck No. Avery 5 Trailer No. N/A
Vehicle License No./State ZFX-6663
Driver Signature (Acknowledge Receipt of Materials) 9/21/16 Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Indicate any Discrepancies: _____

*Total Truck Net Weight In Tons: 7.06

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____
Removal Contractor's* Address _____
Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White–Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472764

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Jeannette, PA 15643
Phone No.: 724-344-8867

Generator Location: Hallam Village
Address: 11213 - Rt 850
Greensburg, PA 15601
Phone No.: 724-853-6661 County Westmoreland

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros
Address: Stoystown
Driver Name: Allen Pebbles Sr
Phone No. 934-6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX-4053
Driver Signature (Acknowledge Receipt of Materials) Date: 7-21-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
Name of Authorized Agent | Signature or Initials | Date: 7/21/16

Total Truck Net Weight In Tons: 21.16

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472766

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuffone
Address: 10 Box 55
Jefferson, PA 16343
Phone No.: 724-746-8367

Generator Location: Valley Village
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NOT Contaminated Steel	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Rowing Fuel Trans
Address: Big Run PA
Driver Name: Clyde Shirk 814 571 1420
Phone No.
Truck No. R236 Trailer No.
Vehicle License No./State: 2E V9284
Clyde Shirk 9/21/16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials 9/21/16 | Date

Total Truck Net Weight In Tons: 58

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472767

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kuffner
Address: PO Box 55
Nelson PA 16963
Phone No.: 724-344-8867

Generator Location: Valley Village
Address: 10213 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOT Contaminated Soil	352/353	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Roxane Rum
Address: Beglar Pa
Driver Name: Randy Kerlick
Phone No. 342 5223
Truck No. VCT 80 Trailer No.
Vehicle License No./State ZHC 9167
Randy Kerlick — 6-21-16
Driver Signature (Acknowledge Receipt of Materials) — Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 20

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number:
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue -Disposal Office Copy | Green–Return to Operator | Canary Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472768

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: Box 55
Vintondale, PA 15963
Phone No.: 724-349-8867

Generator Location: Valley Village
Address: 1213 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. (05) Contaminated Soil	339753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: A. J. Dus Const.
Address: 51 [illegible]
Driver Name [illegible]
Phone No. 724 [illegible]
Truck No. Aum 5 Trailer No. N/A
Vehicle License No./State Z [illegible] 6663
[signature] 9/21/16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 9.07

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☒ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472769

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kulboro
Address: 16 Box 55
Vintondale, PA 15963
Phone No.: 724-841-8867

Generator Location: Valley Village
Address: 1273 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOV Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Human Bros
Address: Stanleys
Driver Name: Adam Fredericksen
Phone No. 234 6000
Truck No. 6 Trailer No. ____
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) 4-30-16 Date

TRANSPORTER II
Name: ____
Address: ____
Driver Name ____
Phone No. ____
Truck No. ____ Trailer No. ____
Vehicle License No./State ____
Driver Signature (Acknowledge Receipt of Materials) ____ Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 23.37

Indicate any Discrepancies: ____

Section IV — ASBESTOS

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____
Removal Contractor's* Address ____
Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original | Blue- Disposal Office Copy | Green Return to Operator | Canary Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472772

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 95
Youngstown, PA 16383
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 16213 SR 85
Kittanning, PA 16201
Phone No.: 724-763-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Asbestos Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: [illegible]
Address [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. [illegible] Trailer No. [illegible]
Vehicle License No./State [illegible]
[illegible] 1/21/16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 3.85

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator *Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472771

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kuffone
Address: PO Box 55
Yatesboro PA 16263
Phone No.: 724-548-3667

Generator Location: Valley Village
Address: 1631 SR 85
Kittanning PA 16201
Phone No.: 724-783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	ACT contaminated soil	25973 S	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Auman Bros
Address: 749 West Creek Rd, St Marys PA
Driver Name: Robert Auman Sr.
Phone No: (814) 834-6000
Truck No.: AuM4 Trailer No.: _____
Vehicle License No./State: YTM-9416
Driver Signature (Acknowledge Receipt of Materials) | Date: 9/26/16

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846 Phone: (814) 265-1744 Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date: 9/26/16

Total Truck Net Weight In Tons: 20.77

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green- Return to Operator "Canary" Generator Retain Pink- Return to Generator Gold -Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472774

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Yukonboro, PA 16263

Generator Location: Valley Village
Address: 11213 SR 45
Kittanning, PA 16201

Phone No.: 724-548-8867

Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated Soil	304753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I

Name: [redacted] Challenger Trans
Address: [illegible]
Driver Name: Kyle Smith
Phone No.:
Truck No. 530 Trailer No.:
Vehicle License No./State ZHJ 7243 PA
Driver Signature (Acknowledge Receipt of Materials) 9-26-16 Date

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 21.35

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink- Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472773

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kaffenberger
Address: PO Box 55
Yatesboro PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 2875 SR 85
Kittanning PA 16201
Phone No.: 724-783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOT Contaminated soil	259/153	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Bemel
Address: [illegible]
Driver Name: [illegible]
Phone No.: [illegible]
Truck No. 520 Trailer No. NA
Vehicle License No./State AG 53295
[signature] 9-26-16
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD. KERSEY. PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | 9/26 Date

Total Truck Net Weight In Tons: 23.55

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472770

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263

Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 11215 SR 85
Kittanning, PA 16201

Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Asbestos Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Auman Bros
Address: St Marys
Driver Name: Adam Fredericksen
Phone No. 834-6000
Truck No. 6 Trailer No.
Vehicle License No./State 211X 4053
Driver Signature (Acknowledge Receipt of Materials) 11/20/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 23.15

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472775

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Beffone
Address: PO Box 55
Yatesboro PA 16263
Phone No.: 724 548-8607

Generator Location: Valley Vintage
Address: 1373 SR 85
Kittanning PA 16201
Phone No.: 724-783-6664 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOT Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Orullo Trucking Corp
Address 1122 Delamar Rd St Mary's PA
Driver Name Sam Orullo
Phone No. 571-834-7454
Truck No. 24-09 Trailer No. _____
Vehicle License No./State AS-17226
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 7/26/16

Total Truck Net Weight In Tons: 24.75

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White - Original | Blue-Disposal Office Copy | Green -Return to Operator | Canary-Generator Retain | Pink-Return to Generator | Gold-Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472776

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Youngdale, PA 16363
Phone No.: 724-840-8867

Generator Location: Hill & Dale Acreage
Address: 11213 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated Soil	257753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros
Address: 795 West Creek Hwy. St. Marys PA
Driver Name: Roger Auman Jr.
Phone No. 814 834 6000
Truck No. Aum 41 Trailer No.
Vehicle License No./State PTM-9416
Driver Signature (Acknowledge Receipt of Materials) 9/26/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 9/26/16

Total Truck Net Weight In Tons: 76

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: | Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White–Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472777

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 65
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Vintage
Address: 1219 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: [illegible]
Address [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. 5 Trailer No. [illegible]
Vehicle License No./State [illegible]
[signature] 9/17/14
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 24.64

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue–Disposal Office Copy | Green Return to Operator | Canary–Generator Retain | Pink Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472778

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuffner
Address: P.O. Box 55
Vowinckel, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 11343 SR 85
Cranberry, PA 16361
Phone No.: 724-283-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NJ Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: BEIMEL
Address 420 Uhl rd Kersey PA 15846
Driver Name John Sharrow
Phone No. (814) 885-8990
Truck No. BTE 5280 Trailer No. no
Vehicle License No./State AG 53295
John Sharrow
Driver Signature (Acknowledge Receipt of Materials) | Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 85

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary- Generator Retain | Pink- Return to Generator | Gold- Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472779

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Uniontown, PA 15463
Phone No.: 724-344-3867

Generator Location: Alley Cat Village
Address: 11345 SR 56
Kittanning, PA 16201
Phone No.: 724-283-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	354153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Challenger Trans
Address: Kittanning PA
Driver Name: Jay C Smith
Phone No.:
Truck No. 530 Trailer No.:
Vehicle License No./State: 211 7243 PA
Driver Signature (Acknowledge Receipt of Materials) Date: 1-26-16

TRANSPORTER II
Name:
Address:
Driver Name:
Phone No.:
Truck No. Trailer No.:
Vehicle License No./State:
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 8.02

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number:
Removal Contractor's* Address:
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472780

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Youngstown, PA 15393

Generator Location: Valley Village
Address: 11213 SR 85
Kittanning, PA 16201

Phone No.: 724-846-8867

Phone No.: 724-783-6611 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	151753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: [illegible]
Address: [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. [illegible] Trailer No. [illegible]
Vehicle License No./State [illegible]
[illegible]
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature & Initials | Date

Total Truck Net Weight In Tons: 47

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472781

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Sullivan
Address: PO Box 55
Jolesboro PA 16263
Phone No.: 724-340-8867

Generator Location: Valley Village
Address: 11243 SR 985
Williamsburg PA 16693
Phone No.: 814-793-6661 County Huntingdon

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated Soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros
Address: Stmarys
Driver Name Robert Robinson
Phone No. 834-6660
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) 9-28-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | 9/28/16 Date

Total Truck Net Weight In Tons 27.51

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White- Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472732

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Youngdale, PA 16263
Phone No.: 724-940-3867

Generator Location: Valley Village
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Challenger Trans
Address: Ridgway
Driver Name: Kyle Smith
Phone No.: 814-772-9736
Truck No.: 530 Trailer No.:
Vehicle License No./State: ZHJ 7243 PA
Driver Signature (Acknowledge Receipt of Materials) 9-28-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | 9/29/16 Date

Total Truck Net Weight In Tons: 17.71

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original | Blue–Disposal Office Copy | Green–Remain w/ Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472783

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Rathbone
Address: PO Box 65
Valley Mills, TX 76689
Phone No.: 817-846-8867

Generator Location: Valley Mills
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. ACT Contaminated Soil	99153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros
Address: Strattanville
Driver Name: Brian Fredericksen
Phone No. 834-6220
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) 4-28-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8747

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 24

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original | Blue–Disposal Office Copy | Green -Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold -Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472784

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Bufone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-548-8367

Generator Location: Valley Village
Address: 11213 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated with	339753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Challenger Trans
Address: RR 1 Box 1
Driver Name: Kyle Smith
Phone No. 539
Truck No. 1L4 Trailer No. ZH5 7843
Vehicle License No./State AA 9-28-16
Driver Signature (Acknowledge Receipt of Materials) | Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 19.07

Section IV — ASBESTOS

Removal Contractor's Name: | Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original | Blue–Disposal Office Copy | Green–Return to Operator | Canary–Generator Retain | Pink–Return to Generator | Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472785

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: P.O. Box 55
Johnsonburg, PA 15845

Generator Location: Valley Village
Address: 16213 SR 85
Kittanning, PA 16201

Phone No.: 724-548-8467

Phone No.: 724-783-6861 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. ACM Contaminated Soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CAWES — Generator Authorized Agent Name
Signature
10/3/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Lemon Bros
Address: Shelocta
Driver Name: Adam L. Beckham
Phone No.: 724-463-0
Truck No.: 6 Trailer No.:
Vehicle License No./State: ZHX 41053
Driver Signature (Acknowledge Receipt of Materials) — 10-3-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.:
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/3/16 Date

Total Truck Net Weight In Tons: 12.77

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink– Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472786

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Boffone
Address: PO Box 55
Youstown, PA 16363

Generator Location: Valley Village
Address: 11313 SR 66
Kittanning, PA 16201

Phone No.: 724-376-3867

Phone No.: 724-783-6864 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name

Signature

10/3/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros Const
Address: St Marys PA
Driver Name: Jake Mathis
Phone No. 814 834 6000
Truck No. Aum 5 Trailer No. N/A
Vehicle License No./State 3FX 1663 PA

Driver Signature (Acknowledge Receipt of Materials) 10/3/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State

Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date 10-3-16

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 5.11

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472787

If waste is asbestos waste, all sections must be completed; otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	254153	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CAINES — Generator Authorized Agent Name
Signature
10/3/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Auman Bros
Address: 794 West Leechburg Rd., Lower Burrell, PA
Driver Name: Roger Auman Jr.
Phone No. 724 337-6000
Truck No. AUM 4 Trailer No.
Vehicle License No./State YTM-9416
Driver Signature (Acknowledge Receipt of Materials) 10/3/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/3/16 Date

Total Truck Net Weight In Tons: 1.03

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472788

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: P.O. Box 55
Youngstone, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 1273 SR 985
Latrobe, PA 15601
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	339753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — George Mueller — 10/3/16
Generator Authorized Agent Name — Signature — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Avman Trans
Address: Export
Driver Name: Ken Tedrick
Phone No. 814 668 0
Truck No. 6 Trailer No. ____
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) — 10-3-16 Date

TRANSPORTER II
Name: ____
Address: ____
Driver Name ____
Phone No. ____
Truck No. ____ Trailer No. ____
Vehicle License No./State ____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the forgoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/3/16 Date

Total Truck Net Weight In Tons: 17.8

Indicate any Discrepancies: ____

Section IV — **ASBESTOS**

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472789

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Youngstown PA 16383
Phone No.: 724-849-8867

Generator Location: Valley Village
Address: 1023 SR 85
Kittanning, PA 16201
Phone No.: 724-763-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	3597153	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Steve Nicole — Generator Authorized Agent Name
Signature
10/3/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Avan Eco Corp
Address: St. Marys PA
Driver Name: Jake Martin
Phone No. 814 834 6000
Truck No. Avan 5 Trailer No. N/A
Vehicle License No./State 21 x Gross
Driver Signature (Acknowledge Receipt of Materials) — 10/3/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 1.90

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number:
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472790

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuffner
Address: 1104 55
Yellow Creek PA 16263

Phone No.: 724-349-6867

Generator Location: Valley Heritage
Address: 1243 SR 156
Kittanning PA 16201

Phone No.: 724-763-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated Soil	357-159	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — Signature — 10/3/16

Generator Authorized Agent Name — Signature — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I

Name: Kuhn Bros
Address: 294 West Creek Rd. St Marys PA
Driver Name: Roger Auman Jr.
Phone No: (814) 834-6000
Truck No. AUM4 Trailer No.
Vehicle License No./State: YEM-9416

Driver Signature (Acknowledge Receipt of Materials) — Date: 10/3/16

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State

Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date: 10/3/16

Total Truck Net Weight In Tons: 9.35

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: — Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue- Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold- Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472791

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kuffner
Address: PO Box 55
Yatesboro, PA 16263

Generator Location: Valley Vantage
Address: 1235 SR 85
Kittanning, PA 16201

Phone No.: 724-840-8867

Phone No.: 724-783-6461 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	X59753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date 10/1/16

Section II — TRANSPORTER

TRANSPORTER I
Name: Human Bros.
Address: Slovan, Pa
Driver Name: Adam Kobulnicky
Phone No. 724 6[illegible]
Truck No. 6 Trailer No. ____
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) | Date 10-4-16

TRANSPORTER II
Name: ____
Address: ____
Driver Name ____
Phone No. ____
Truck No. ____ Trailer No. ____
Vehicle License No./State ____
Driver Signature (Acknowledge Receipt of Materials) | Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date 10/1/16

Total Truck Net Weight In Tons 12.33

Indicate any Discrepancies: ____

Section IV — ASBESTOS

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White- Original Blue–Disposal Office Copy Green–Return to Operator Canary- Generator Retain Pink- Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472792

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Bullone
Address: PO Box 55
Valier, PA 16363
Phone No.: 814-840-6861

Generator Location: Valley Village
Address: 11343 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	359/5.3	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Bruce Miller — Signature — 10/11/16

Generator Authorized Agent Name — Signature — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auto Boy Coast.
Address: St. N. Is PA
Driver Name: Jake Mantell
Phone No. 570 831 6000
Truck No. Aut 5 Trailer No. N/A
Vehicle License No./State 25X6663
Driver Signature (Acknowledge Receipt of Materials) — Date: 10/14/16

TRANSPORTER II
Name: ____
Address: ____
Driver Name ____
Phone No. ____
Truck No. ____ Trailer No. ____
Vehicle License No./State ____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date: 10/14/16

Total Truck Net Weight In Tons: 24.16

Indicate any Discrepancies: ____

Section IV — **ASBESTOS**

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White – Original Blue – Disposal Office Copy Green – Return to Operator Canary – Generator Retain Pink – Return to Generator Gold Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472793

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Donald Buffone
Address: PO Box 55
Valier town, PA 16263
Phone No.: 724-845-8867

Generator Location: Valley Village
Address: 1343 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated soil	259253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — Generator Authorized Agent Name
Signature — Signature
10/4/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: DeLullo Trucking Corp
Address: 1022 DeLaum Rd St, Marys, PA
Driver Name: Mark W Sorg
Phone No. 814-834-1464
Truck No. 34-09 Trailer No. _____
Vehicle License No./State AG-17226 PA
Mark W Sorg — Driver Signature (Acknowledge Receipt of Materials)
10-4-16 — Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
_____ — Driver Signature (Acknowledge Receipt of Materials)
_____ — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____ — Name of Authorized Agent
_____ — Signature or Initials
10/11/16 — Date

Total Truck Net Weight In Tons: 24.82

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

_____ — Removal Contractor's Name and Title (Print/Type)
_____ — Removal Contractor's Signature
_____ — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue– Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472794

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: 14 RR 55
Yatesboro, PA 16263
Phone No.: 724-548-8861

Generator Location: Valley Village
Address: 16273 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	251753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/4/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Awood Bros
Address: St Marys
Driver Name: Adam Fredericksen
Phone No.: 834 6000
Truck No.: 6 Trailer No.: _____
Vehicle License No./State: ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) — Date: 10-4-16

TRANSPORTER II
Name: _____
Address: _____
Driver Name: _____
Phone No.: _____
Truck No.: _____ Trailer No.: _____
Vehicle License No./State: _____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date: 10/4/16

Total Truck Net Weight In Tons: 21.71

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472795

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Yellow Creek, PA 16263
Phone No.: 724-541-3867

Generator Location: Yellow Creek
Address: 11343 SR 85
Kittanning, PA 16201
Phone No.: 724-283-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. N.T.E. Contaminated Soil	259153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/4/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Armor Box Co.
Address: St Marys PA
Driver Name: Eric Mohr
Phone No. 814 834 6000
Truck No. Arm 5 Trailer No. NA
Vehicle License No./State 2FX-6663
Driver Signature (Acknowledge Receipt of Materials) 10/4/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/4/16 Date

Total Truck Net Weight In Tons: 21

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472796

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuhns
Address: PO Box 55
Vintondale PA 15963

Phone No.: 814-541-8867

Generator Location: Valley Village
Address: 11313 SR 56
Kittanning PA 16201

Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Norm Collins — Generator Authorized Agent Name
Signature
10/5/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Nolan Bros
Address Emlenton
Driver Name Adam Fredericksen
Phone No. 724-[illegible]
Truck No. 6 Trailer No.
Vehicle License No./State 211X40554
Driver Signature (Acknowledge Receipt of Materials) — Date 10-5-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/5/16 Date

Total Truck Net Weight In Tons: 14.10

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472797

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: PO Box 225
Yatesboro PA 16263
Phone No.: 724-840-6667

Generator Location: Wellers Village
Address: 1013 SR 85
Kittanning PA 16201
Phone No.: 724-783-6667 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NST Contaminated Soil	459753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GANGS — Generator Authorized Agent Name
Signature
10/5/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Ayman Bros Const
Address: St. Marys PA
Driver Name: Jamie Mattox
Phone No. 814 834 6000
Truck No. Ayman 5 Trailer No. N/A
Vehicle License No./State ZFX 9116
Driver Signature (Acknowledge Receipt of Materials)
Date: 10/5/16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials)
Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date: 10/5/16

Total Truck Net Weight In Tons: 27.51

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White - Original | Blue - Disposal Office Copy | Green - Return to Operator | Canary - Generator Retain | Pink - Return to Generator | Gold - Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472798

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kuffner
Address: PO Box 235
Yellow Creek, PA 16263

Generator Location: Valley Village
Address: 1215 SR 85
Kittanning, PA 16201

Phone No.: 724-354-2807

Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/5/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: [illegible]
Address: [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. Box 1 Trailer No. _____
Vehicle License No./State YTM 9416
[illegible] — Driver Signature (Acknowledge Receipt of Materials)
10/5/2016 — Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____ — Name of Authorized Agent
[illegible] — Signature or Initials
10/5/16 — Date

Total Truck Net Weight In Tons: 1.76

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White - Original Blue - Disposal Office Copy Green - Return to Operator Canary - Generator Retain Pink - Return to Generator Gold - Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472799

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: P.O Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	359753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

G. Martin — Generator Authorized Agent Name
Signature
10/5/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Auman Bros
Address: Smarx
Driver Name: Adam Frederickson
Phone No. 834 6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) — Date: 10-5-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1741
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 9 1/2

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White- Original Blue- Disposal Office Copy Green- Return to Operator Canary-Generator Retain Pink- Return to Generator Gold-Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472800

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Watsburg, PA 16263
Phone No.: 724-344-8867

Generator Location: Kelly Cottage
Address: 11213 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated Soil	251253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | 10/5/16 Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Aumen Bros Corp
Address: St Marys PA
Driver Name Jake Mathis
Phone No. 814 834 6002
Truck No. Aum #5 Trailer No. N/A
Vehicle License No./State 2FX-6663
Driver Signature (Acknowledge Receipt of Materials) 10/5/16 Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 23

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____
Removal Contractor's* Address _____
Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White Original Blue Disposal Office Copy Green-Return to Operator Canary-Generator Retain Pink-Return to Generator Gold-Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472801

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: P.O. Box 55
Youngstown, PA 15696

Generator Location: Valley Village
Address: 1373 SR 85
Kittanning, PA 16201

Phone No.: 724-548-8867

Phone No.: 724-783-6861 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	351953	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date 1/7/16

Section II — **TRANSPORTER**

TRANSPORTER I

Name:
Address
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State

Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State

Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date: 1/8/16

Total Truck Net Weight In Tons: 18

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue– Disposal Office Copy Green– Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472802

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kuffone
Address: PO Box 55
Yatesboro, PA 16263

Phone No.: 724-548-8667

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201

Phone No.: 724 783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NOT Contaminated soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOHN CALVIS — Generator Authorized Agent Name
Signature
10/6/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Dekulp Trucking corp.
Address 1022 - Delaum Rd St. marys PA
Driver Name Martin w Sorg
Phone No. 814 - 834 - 1464
Truck No. 34-09 Trailer No.
Vehicle License No./State AG-17226-PA
Driver Signature (Acknowledge Receipt of Materials) 10-6-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/6/16 Date

Total Truck Net Weight In Tons: 0.13

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472803

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed.

Section I — GENERATOR

Generator Name: Joseph Bellone
Address: PO Box 55
Yatesboro PA 16263
Phone No.: 724-548-8567

Generator Location: Valley Village
Address: 16313 SR 85
Kittanning PA 16201
Phone No.: 724 783-6664 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOT Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George N. Bellone — Generator Authorized Agent Name
Signature
10/6/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Delallo Trucking Corp.
Address: 1022 Delaum Rd St. Marys PA
Driver Name: Martin W 5015
Phone No.: 814-834-1464
Truck No.: 34-09 Trailer No.: ____
Vehicle License No./State: AG-17226-PA
Walter M Long — Driver Signature (Acknowledge Receipt of Materials)
10-6-16 — Date

TRANSPORTER II
Name: ____
Address: ____
Driver Name: ____
Phone No.: ____
Truck No.: ____ Trailer No.: ____
Vehicle License No./State: ____
Driver Signature (Acknowledge Receipt of Materials) ____ Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight in Tons: 09

Indicate any Discrepancies: ____

Section IV — ASBESTOS

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original Blue– Disposal Office Copy Green– Return to Operator Canary–Generator Retain Pink– Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472804

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Rocco
Address: PO Box 55
Vetersburg, PA 16343
Phone No.: 724-836-5867

Generator Location: Valley Village
Address: 11213 SR 85
Parkwood, PA 16201
Phone No.: 724-783-6667 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	359703	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM OAKES — Generator Authorized Agent Name
Signature
10/10/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Aumon Bros
Address: Simola
Driver Name: Kevin Wedderson
Phone No. 534 6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 403
Driver Signature (Acknowledge Receipt of Materials) — 10-10-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1741
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10-10-16 Date

Total Truck Net Weight In Tons: 37

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White-- Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472805

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: PO Box 35
Valeaburg, PA 16363
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 1343 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Soil Contaminated Asb	251753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CAWES — Generator Authorized Agent Name
Signature
10/10/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Cincinnati Excavating
Address: Brookville PA
Driver Name: [illegible]
Phone No. (814) 328-2626
Truck No. 12 Trailer No.
Vehicle License No./State 2FY 9086
Driver Signature (Acknowledge Receipt of Materials) 10/10/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/10/16 Date

Total Truck Net Weight In Tons: 27

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472806

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 16243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	257253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/10/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Adam Bros
Address: Indiana
Driver Name Adam Frederick Sr
Phone No. 724 600
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) 10-10-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846 Phone: (814) 265-1744 Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Indicate any Discrepancies:

Total Truck Net Weight In Tons: 8.09

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS
SPECIAL WASTE & ASBESTOS MANIFEST

472807

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuffner
Address: PO Box 55
Yatesboro PA 16263

Generator Location: Fallen Timber
Address: 16313 SR 85
Kittanning, PA 16201

Phone No.: 724 724-548-8867

Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Non Contaminated Soil	359253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/10/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Gindlay LL Inc.
Address: Rt. 66 N
Driver Name: Bill
Phone No.: 814 [illegible]
Truck No.: 12 Trailer No.:
Vehicle License No./State: ZFY 9086
Driver Signature (Acknowledge Receipt of Materials) — Date: 10/10/16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 20.47

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: — Removal Contractor's Phone Number:

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472808

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Neffone
Address: P.O. Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 10243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/11/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Mark A Delullo Trucking Corp.
Address 1022 Delaware Rd St. Marys PA
Driver Name Marvin W Sorg
Phone No. 814-834-1464
Truck No. 3409 Trailer No.
Vehicle License No./State A6-17226
Driver Signature (Acknowledge Receipt of Materials) 10-11-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/11/16 Date

Total Truck Net Weight In Tons: 07

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White-- Original Blue--Disposal Office Copy Green Return to Operator Canary--Generator Retain Pink--Return to Generator Gold--Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472809

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 555
Yatesboro, PA 16263

Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 11813 SR 85
Kittanning, PA 16201

Phone No.: 724-783-6861 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	257753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/11/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Romeo Inc
Address: Elma NY
Driver Name: Alex Cabrera Jr
Phone No. 554 6000
Truck No. 6 Trailer No. _____
Vehicle License No./State ZHX 4073
Driver Signature (Acknowledge Receipt of Materials)
10-11-16 Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent
Signature or Initials
10/11/16 Date

Total Truck Net Weight In Tons 21.60

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type)
Removal Contractor's Signature
Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472810

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Jutesboro, PA 16362
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	159153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — Generator Authorized Agent Name
[signature] — Signature
10/11/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Deluliio Trucking Corp.
Address: 1022 Delaware Rd St. Marys PA
Driver Name: Martin Mc Sorley
Phone No. 814 834-1464
Truck No. 34 09 Trailer No.
Vehicle License No./State AG 11226 PA
[signature] — Driver Signature (Acknowledge Receipt of Materials)
10-11-16 — Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 24.5

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS
SPECIAL WASTE & ASBESTOS MANIFEST

472811

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Ruffone
Address: PO Box 55
Youngsville, PA 16383
Phone No.: 814-840-8867

Generator Location: Valley Village
Address: 16343 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. ACT Contaminated Soil	35-153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — Generator Authorized Agent Name
Signature
10/11/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Nolan Bros
Address: St Marys
Driver Name: Adam Reddinger
Phone No. 834 6000
Truck No. 6 Trailer No. _____
Vehicle License No./State 211X 4053
Driver Signature (Acknowledge Receipt of Materials) — 10-11-16 Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/11/16 Date

Total Truck Net Weight In Tons: 16.3

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472813

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buttone
Address: PO Box 55
Yatesboro PA 16263
Phone No.: 724-548-8861

Generator Location: Lilly Village
Address: Lots 13 & 85
Patrick Twp, PA 16201
Phone No.: 814-733-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Non Contaminated Soil	59153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CLAWS — Generator Authorized Agent Name
Signature
10/12/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Delulio Trucking Corp.
Address 1022 Delaware rd St. Marys PA
Driver Name Martin W Sorg
Phone No. 814-834-1464
Truck No. 34-09 Trailer No.
Vehicle License No./State 16-17226-PA
Martin W Sorg — Driver Signature (Acknowledge Receipt of Materials)
10-13-16 — Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons 22.73

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White Original — Blue–Disposal Office Copy — Green Return to Operator* — Canary–Generator Retain — Pink- Return to Generator — Gold Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472812

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Youngdale, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	ACM Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Adam Gaines — Signature
10/12/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Avon Box Corp
Address: St. Marys PA
Driver Name: Mike Mains
Phone No. 814 834 6000
Truck No. Avon 5 Trailer No. N/A
Vehicle License No./State 2+X-6663
Driver Signature (Acknowledge Receipt of Materials) — 10/13/16 Date

TRANSPORTER II
Name: ____
Address: ____
Driver Name ____
Phone No. ____
Truck No. ____ Trailer No. ____
Vehicle License No./State ____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 28.30

Indicate any Discrepancies: ____

Section IV — ASBESTOS

Removal Contractor's Name: ____ Removal Contractor's Phone Number ____

Removal Contractor's* Address ____

Special Handling Instructions and additional information: ____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: ____

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White-- Original Blue–Disposal Office Copy Green–Return to Operator Canary Generator Retain Pink–Return to Generator Gold Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472814

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuhns
Address: [illegible]
Yatesboro, PA 16263
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated soil	549753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CAINES — Generator Authorized Agent Name
Signature
10/12/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Pinon 1505
Address: Emlenton
Driver Name: Adam Fredericson
Phone No.: 234 6600
Truck No.: 6 Trailer No.:
Vehicle License No./State: ZNX 4043
Driver Signature (Acknowledge Receipt of Materials)
10-12-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 9.2

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472815

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kuhns
Address: PO Box 55
Watsontown, PA 17777
Phone No.: 717-916-8867

Generator Location: Valley College
Address: 1005 SR 15
Watsontown, PA 17777
Phone No.: 717 753-7661 County Northumberland

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	Lost Contaminated soil	201253	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Annis — Generator Authorized Agent Name
Signature
10/12/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Defino Trucking Corp.
Address: 1022 Delaware Rd Sunbury PA
Driver Name: Martin Mc Sorley
Phone No. 570-286-1464
Truck No. SH-09 Trailer No.
Vehicle License No./State AG 172240
Driver Signature (Acknowledge Receipt of Materials) — Date: 10-12-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 5

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White- Original Blue- Disposal Office Copy Green-Return to Operator Canary-Generator Retain Pink- Return to Generator Gold-Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472816

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Bellone
Address: P.O. Box 95
Youngstown, PA 15696
Phone No.: 724-810-8861

Generator Location: Valley Cottage
Address: 1313 SR 82
Leechburg, PA 15656
Phone No.: 724-763-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Non Contaminated Soil	854753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/12/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Amos Box Const
Address: St. Clair, PA
Driver Name: Jamie Arnold
Phone No. 570 337 6050
Truck No. Amos Trailer No. N/A
Vehicle License No./State 27X 6653
Driver Signature (Acknowledge Receipt of Materials) — Date 10-12-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date 10/20/16

Total Truck Net Weight In Tons: 58

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: — Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White-- Original — Blue--Disposal Office Copy — Green--Return to Operator — Canary--Generator Retain — Pink--Return to Generator — Gold--Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472817

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Balfone
Address: PO Box 55
Valencia PA 16059
Phone No.: 724-898-8867

Generator Location: Valley Village
Address: 1215 Rt 228
Cabot PA 16023
Phone No.: 724-776-6664 County Butler

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NOT Contaminated soil	159703	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM OWENS — Generator Authorized Agent Name
Signature
10/13/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Numan Bros
Address: Stewarts
Driver Name: [redacted] Adam Pastorius
Phone No. 434-6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) — 10-13-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846 — Phone: (814) 265-1744, Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/13/16 Date

Total Truck Net Weight In Tons: 27.03

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472818

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Supply Koffman
Address: P.O. Box 55
Westover PA 16265
Phone No.: 814-840-8661

Generator Location: Duffy Cottage
Address: 15213 Rt 255
Littlemeny PA 16701
Phone No.: 814-885-6661 County Clearfield

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Asbestos contaminated soil	101123	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/13/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: ~~Duane Anthony~~ DeLullo
Address: KERSEY PA
Driver Name: Duane Anthony
Phone No. 814 834 1914
Truck No. 1 Trailer No. 6
Vehicle License No./State YNB 9732 PA
Driver Signature (Acknowledge Receipt of Materials) 10-13-16 Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/13/16 Date

Total Truck Net Weight In Tons: 31

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472819

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Knight Bellone
Address: P.O. Box 55
Valencia, PA 16059
Phone No.: 724-898-1467

Generator Location: Valley Village
Address: 1213 Rt 8
Butler, PA 16001
Phone No.: 724-865-6661 County Butler

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. PCB Contaminated Soil	R5P253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOHN CALVES — Generator Authorized Agent Name
Calvin Stevens — Signature
10/15/15 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Delano Trucking Corp.
Address: 1032 Delano Rd St Marys PA
Driver Name: Marvin Mc Sorg
Phone No. 814 834 1464
Truck No. 34-09 Trailer No. _____
Vehicle License No./State AG-17226 PA
Driver Signature (Acknowledge Receipt of Materials) _____ Date _____

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) _____ Date _____

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD. KERSEY. PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/31/15 Date

Total Truck Net Weight In Tons: 18.51

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White- Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink- Return to Generator Gold Transporter Retain

Advanced Disposal

NON- HAZARDOUS
SPECIAL WASTE & ASBESTOS MANIFEST

472820

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: [illegible] Bellefonte
Address: [illegible]
Phone No.: [illegible]

Generator Location: Valley Village
Address: [illegible]
Phone No.: [illegible] County [illegible]

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. Contaminated Soil	257253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

[illegible] — Generator Authorized Agent Name
[signature] — Signature
10/13/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: [illegible]
Address [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. [illegible] Trailer No. N/A
Vehicle License No./State [illegible]
[signature] — Driver Signature (Acknowledge Receipt of Materials)
10/13/16 — Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
_____ — Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____ — Name of Authorized Agent
[signature] — Signature or Initials
10/13/16 — Date

Total Truck Net Weight In Tons: 22.56

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

_____ — Removal Contractor's Name and Title (Print/Type)
_____ — Removal Contractor's Signature
_____ — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472821

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kerfoot
Address: Rt 219
Ybinsboro, PA 16263

Generator Location: Valley Furnace
Address: RT 80 & SR 85
Cranberry, PA 16361

Phone No.: 724-848-8867

Phone No.: 814-563-4041 County Venango

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	C.I. Contaminated Soil	X53 1153	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CHRIS — Generator Authorized Agent Name
Signature — Signature
10/13/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I

Name: BTI
Address: 40 Wilhelm rd Kersey PA 15846
Driver Name: John SHArrow
Phone No. 814 885-8490
Truck No. BTI 528 Trailer No. NS
Vehicle License No./State AG 53095

John Sharrow — Driver Signature (Acknowledge Receipt of Materials)
Date

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State

Driver Signature (Acknowledge Receipt of Materials)
Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent
Signature or Initials
10/13/16
Date

Total Truck Net Weight In Tons: 19.97

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472822

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuffner
Address: PO Box 35
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 16243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	X59753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

DAN CAINES — Generator Authorized Agent Name
Signature
10/13/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Human Bros
Address: Emlenton
Driver Name: Jason Fredericksen
Phone No. 854 6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 11053
Driver Signature (Acknowledge Receipt of Materials) 10-13-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 20.65

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472823

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Kulfan
Address: PO Box 10
Youngstown, PA 16368
Phone No.: 724-548-8867

Generator Location: Valley Village
Address: 16343 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County: Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOT Contaminated Soil	201753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Dawn Gaines — Generator Authorized Agent Name
Dawn Gaines — Signature
10/13/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: DeLullo Trucking Corp.
Address: 1022 Delaum Rd St. Marys PA
Driver Name: Mark W w Sorg
Phone No. 814 834 1464
Truck No. 34-09 Trailer No.
Vehicle License No./State AG-17226 PA
Mark W Sorg — Driver Signature (Acknowledge Receipt of Materials)
10-13-16 — Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date 10/13/16

Total Truck Net Weight In Tons: 3.50

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number:
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White–Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472824

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Kuffner
Address: P.O. Box 35
Valencia PA 16343
Phone No.: 724-898-3661

Generator Location: Valley Grange
Address: 16343 SR 422
Kittanning, PA 16201
Phone No.: 724-763-6661 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	Soil Contaminated Soil	357153	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Gaines — Generator Authorized Agent Name
Signature
10/13/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros Const
Address: S.F. Mill PA
Driver Name: Jake Mattern
Phone No. 814 834 6000
Truck No. Aum 5 Trailer No. n/a
Vehicle License No./State 2Y 6663
Driver Signature (Acknowledge Receipt of Materials) — Date 10/13/16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL, 635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date 10/13/16

Total Truck Net Weight In Tons: 3.13

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____
Removal Contractor's* Address _____
Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White-- Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink Return to Generator Gold Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472825

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 25
Youngstown, PA 16283
Phone No.: 724-834-1867

Generator Location: Kelly Township
Address: 1243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-4661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	X99153	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM OAINES — Generator Authorized Agent Name
Signature — Signature
10/18/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Aumann Bros
Address 294 West Creek Rd. St Marys PA
Driver Name Roger Aumann Jr.
Phone No (814) 834-6000
Truck No. AUM5 Trailer No.
Vehicle License No./State ZFX-6663
Driver Signature (Acknowledge Receipt of Materials) 10/18/16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/18/16 Date

Total Truck Net Weight In Tons: 0.70

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472826

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	259/253	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAWRS — Generator Authorized Agent Name
Signature
10/18/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Auman Bros
Address: Sprankles
Driver Name: Adam Tweddle
Phone No. 234-6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053 PA
Driver Signature (Acknowledge Receipt of Materials) — Date: 10-18-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/18/16 Date

Total Truck Net Weight In Tons: 5.27

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number:
Removal Contractor's* Address:
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White Original — Blue–Disposal Office Copy — Green–Return to Operator — Canary Generator Retain — Pink–Return to Generator — Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472827

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Youngsville, PA 16383
Phone No.: 224-840-8867

Generator Location: Tidioute Village
Address: 16213 SR 85
Titusville, PA 16301
Phone No.: 724-853-6661 County Venango

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — George Mueller — 10/17/16
Generator Authorized Agent Name — Signature — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: AVMON BROS
Address: Simarys
Driver Name: Adam Evelvilkson
Phone No. 834 6000
Truck No. 6 Trailer No. _____
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) — Date: 10-17-16

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 9.72

Indicate any Discrepancies: _____

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472828

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Bellomo
Address: PO Box 55
Youngstown, PA 16263
Phone No.: 724-248-3601

Generator Location: Valley Track 360
Address: 16343 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST contaminated Soil	59753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Mueller — Generator Authorized Agent Name
Signature
10/2/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Johnson Transport
Address: [illegible]
Driver Name [illegible]
Phone No. [illegible]
Truck No. [illegible] Trailer No.
Vehicle License No./State [illegible]
[illegible] — Driver Signature (Acknowledge Receipt of Materials)
10/2/16 — Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials)
Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Tons Net Weight In Tons: 18.82

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472829

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-841-8867

Generator Location: Valley Village
Address: 16243 SR 85
Kittanning, PA 16201
Phone No.: 724-783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. NST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JIM CAINES — Generator Authorized Agent Name
Signature
10/19/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Nixon Bros
Address: Stanleys
Driver Name: Adam Fredericksen
Phone No.: 834-6xxx
Truck No.: 6 Trailer No.: _____
Vehicle License No./State: ZHX 4033
Driver Signature (Acknowledge Receipt of Materials)
10-19-16 — Date

TRANSPORTER II
Name: _____
Address: _____
Driver Name _____
Phone No. _____
Truck No. _____ Trailer No. _____
Vehicle License No./State _____
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10-19-16 Date

Indicate any Discrepancies: _____

Total Truck Net Weight In Tons: 21.08

Section IV — **ASBESTOS**

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's* Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink Return to Generator Gold- Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472830

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 11243 SR 85
Kittanning, PA 16201
Phone No.: 724 783-6664 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CAINES — Generator Authorized Agent Name
Signature
10/14/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name:
Address
Driver Name
Phone No.
Truck No. 5 Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/14/16 Date

Total Truck Net Weight In Tons: 9.79

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472831

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55
Valencia, PA 16243
Phone No.: 724-240-8467

Generator Location: Valley Village
Address: 16143 SR 85
Saxonburg, PA 16361
Phone No.: 724-352-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. ACT Contaminated Soil	D59753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Numan Bros
Address: Summers
Driver Name: Adam Hedrick
Phone No. 834 6000
Truck No. 6 Trailer No.
Vehicle License No./State ZHX 4053
Driver Signature (Acknowledge Receipt of Materials) Date 10-19-16

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature or Initials | Date

Total Truck Net Weight In Tons: 18.57

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) | Removal Contractor's Signature | Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

472832

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Ruffone
Address: PO Box 55
Youngsdale, PA 16363

Phone No.: 724-911-3867

Generator Location: Valley Grange
Address: 11343 SR 85
Fairmount, PA 16301

Phone No.: 724 7835666 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	NOT Contaminated Soil	251/253	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff _____
Drums _____
Truck _____
Other _____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

George Ruffone — Signature — 10/19/16

Generator Authorized Agent Name — Signature — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I	TRANSPORTER II
Name: A	Name:
Address:	Address:
Driver Name	Driver Name
Phone No.	Phone No.
Truck No. ____ Trailer No. ____	Truck No. ____ Trailer No. ____
Vehicle License No./State	Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date	Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date 10/19/16

Total Truck Net Weight In Tons: 29

Indicate any Discrepancies: _____

Section IV — ASBESTOS

Removal Contractor's Name: _____ Removal Contractor's Phone Number _____

Removal Contractor's® Address _____

Special Handling Instructions and additional information: _____

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency: _____

☐ Friable ☐ Non-friable ☐ Both: %Friable _____ %Non-Friable _____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

476150

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263
Phone No.: 724-840-8867

Generator Location: Valley Village
Address: 10243 SR 85
Kittanning PA 16201
Phone No.: 724-783-6664 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	259753	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM CAINES — Generator Authorized Agent Name
Signature
10/20/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I
Name: Auman Bros
Address: St Marys
Driver Name: Adam Frederickson
Phone No.: 834-6000
Truck No.: 6 Trailer No.:
Vehicle License No./State: 21X 4043
Driver Signature (Acknowledge Receipt of Materials) — 10-20-16 Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) — Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD. KERSEY. PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10-21-16 Date

Total Truck Net Weight In Tons: 17.01

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number
Removal Contractor's* Address
Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White - Original Blue–Disposal Office Copy Green–Return to Operator Canary–Generator Retain Pink Return to Generator Gold–Transporter Retain

Advanced Disposal

NON- HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

476151

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — GENERATOR

Generator Name: Joseph Buffone
Address: PO Box 55
Yatesboro, PA 16263

Generator Location: Valley Village
Address: 10243 SR 85
Kittanning, PA 16201

Phone No.: 724-840-8867

Phone No.: 724-783-6661 County Armstrong

Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1. UST Contaminated Soil	259753	
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Shipped in:
Rolloff
Drums
Truck
Other

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

ADAM GAINES — Generator Authorized Agent Name
Signature
10/20/16 — Shipment Date

Section II — TRANSPORTER

TRANSPORTER I

Name:
Address
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

TRANSPORTER II

Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — DESTINATION

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — Date

Total Truck Net Weight In Tons: 1.73

Indicate any Discrepancies:

Section IV — ASBESTOS

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable %Non-Friable

White- Original Blue–Disposal Office Copy Green Return to Operator Canary–Generator Retain Pink–Return to Generator Gold–Transporter Retain

Advanced Disposal

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

476152

If waste is asbestos waste, all sections must be completed, otherwise only Sections I, II, III need completed

Section I — **GENERATOR**

Generator Name: Joseph Buffone
Address: PO Box 55 Yatesboro PA 16263

Generator Location: Valley Village
Address: 10243 SR 85 Kittanning, PA 16201

Phone No.: 724-840-8867

Phone No.: 724-783 6666 County Armstrong

	Description of Waste	Waste Code	Quantity (lbs., tons, or % of load)
1.	UST Contaminated Soil	25975 3	
2.			
3.			
4.			
5.			
6.			
7.			
8.			

Shipped in:
Rolloff ____
Drums ____
Truck ____
Other ____

GENERATORS CERTIFICATION: I hereby certify that the above named material is not hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations: AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restriction, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Gaines — Generator Authorized Agent Name
Adam Gaines — Signature
10/20/16 — Shipment Date

Section II — **TRANSPORTER**

TRANSPORTER I
Name: Jefferson Transport
Address: Punxsutawney PA
Driver Name: [illegible]
Phone No. 357 1713
Truck No. 16 Trailer No.
Vehicle License No./State PPY 9436 PA
[illegible] — Driver Signature (Acknowledge Receipt of Materials)
10/20/16 — Date

TRANSPORTER II
Name:
Address:
Driver Name
Phone No.
Truck No. Trailer No.
Vehicle License No./State
Driver Signature (Acknowledge Receipt of Materials) Date

Section III — **DESTINATION**

Site Information: ADVANCED DISPOSAL
635 TOBY ROAD, KERSEY, PA 15846
Phone: (814) 265-1744
Fax: (814) 265-8745

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature or Initials — 10/20/16 Date

Total Truck Net Weight In Tons: 77

Indicate any Discrepancies:

Section IV — **ASBESTOS**

Removal Contractor's Name: Removal Contractor's Phone Number

Removal Contractor's* Address

Special Handling Instructions and additional information:

REMOVAL CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Removal Contractor's Name and Title (Print/Type) — Removal Contractor's Signature — Date

Name and Address of Responsible Agency:

☐ Friable ☐ Non-friable ☐ Both: %Friable ____ %Non-Friable ____

White– Original Blue–Disposal Office Copy Green–Return to Operator Canary- Generator Retain Pink–Return to Generator Gold–Transporter Retain

ATTACHMENT E

ANALYTICAL REPORT

September 26, 2016

Insite Group

Sample Delivery Group:	L860341
Samples Received:	09/17/2016
Project Number:	VALLEY VILLAGE
Description:	Confirmatory Soil Sampling (1)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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CS-1 L860341-01 Solid

Collected by: Adam Gaines
Collected date/time: 09/15/16 08:08
Received date/time: 09/17/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG909335	1	09/20/16 09:36	09/20/16 09:49	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG910443	1	09/24/16 14:35	09/24/16 21:53	JHH

CS-2 L860341-02 Solid

Collected by: Adam Gaines
Collected date/time: 09/15/16 08:10
Received date/time: 09/17/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG909335	1	09/20/16 09:36	09/20/16 09:49	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG910443	1	09/24/16 14:35	09/24/16 22:13	JHH

CS-3 L860341-03 Solid

Collected by: Adam Gaines
Collected date/time: 09/15/16 08:15
Received date/time: 09/17/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG909335	1	09/20/16 09:36	09/20/16 09:49	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG910443	1	09/24/16 14:35	09/24/16 22:33	GLN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG910443	20.75	09/24/16 14:35	09/25/16 21:05	DWR

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.9		1	09/20/2016 09:49	WG909335

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00207		0.000326	0.00121	1	09/24/2016 21:53	WG910443
Ethylbenzene	U		0.000358	0.00121	1	09/24/2016 21:53	WG910443
Isopropylbenzene	U		0.000293	0.00121	1	09/24/2016 21:53	WG910443
Methyl tert-butyl ether	0.000758	J	0.000256	0.00121	1	09/24/2016 21:53	WG910443
Naphthalene	U		0.00121	0.00603	1	09/24/2016 21:53	WG910443
Toluene	U		0.000524	0.00603	1	09/24/2016 21:53	WG910443
1,2,4-Trimethylbenzene	U		0.000255	0.00121	1	09/24/2016 21:53	WG910443
1,3,5-Trimethylbenzene	U		0.000321	0.00121	1	09/24/2016 21:53	WG910443
Xylenes, Total	U		0.000842	0.00362	1	09/24/2016 21:53	WG910443
(S) Toluene-d8	*112*			*88.7-115*		*09/24/2016 21:53*	WG910443
(S) Dibromofluoromethane	*118*			*76.3-123*		*09/24/2016 21:53*	WG910443
(S) 4-Bromofluorobenzene	*101*			*69.7-129*		*09/24/2016 21:53*	WG910443

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.4		1	09/20/2016 09:49	WG909335

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000331	J	0.000320	0.00119	1	09/24/2016 22:13	WG910443
Ethylbenzene	U		0.000352	0.00119	1	09/24/2016 22:13	WG910443
Isopropylbenzene	U		0.000288	0.00119	1	09/24/2016 22:13	WG910443
Methyl tert-butyl ether	U		0.000251	0.00119	1	09/24/2016 22:13	WG910443
Naphthalene	U		0.00119	0.00593	1	09/24/2016 22:13	WG910443
Toluene	U		0.000514	0.00593	1	09/24/2016 22:13	WG910443
1,2,4-Trimethylbenzene	U		0.000250	0.00119	1	09/24/2016 22:13	WG910443
1,3,5-Trimethylbenzene	U		0.000315	0.00119	1	09/24/2016 22:13	WG910443
Xylenes, Total	U		0.000827	0.00356	1	09/24/2016 22:13	WG910443
(S) Toluene-d8	*110*			*88.7-115*		*09/24/2016 22:13*	WG910443
(S) Dibromofluoromethane	*119*			*76.3-123*		*09/24/2016 22:13*	WG910443
(S) 4-Bromofluorobenzene	*101*			*69.7-129*		*09/24/2016 22:13*	WG910443

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.7		1	09/20/2016 09:49	WG909335

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.260		0.00686	0.0254	20.75	09/25/2016 21:05	WG910443
Ethylbenzene	0.0595		0.000364	0.00122	1	09/24/2016 22:33	WG910443
Isopropylbenzene	0.00338		0.000297	0.00122	1	09/24/2016 22:33	WG910443
Methyl tert-butyl ether	0.00124		0.000260	0.00122	1	09/24/2016 22:33	WG910443
Naphthalene	U		0.00122	0.00612	1	09/24/2016 22:33	WG910443
Toluene	0.113	J	0.0110	0.127	20.75	09/25/2016 21:05	WG910443
1,2,4-Trimethylbenzene	0.0209		0.000258	0.00122	1	09/24/2016 22:33	WG910443
1,3,5-Trimethylbenzene	0.00885		0.000326	0.00122	1	09/24/2016 22:33	WG910443
Xylenes, Total	0.250		0.000855	0.00367	1	09/24/2016 22:33	WG910443
(S) Toluene-d8	*111*			*88.7-115*		*09/24/2016 22:33*	WG910443
(S) Toluene-d8	*111*			*88.7-115*		*09/25/2016 21:05*	WG910443
(S) Dibromofluoromethane	*108*			*76.3-123*		*09/25/2016 21:05*	WG910443
(S) Dibromofluoromethane	*136*	J1		*76.3-123*		*09/24/2016 22:33*	WG910443
(S) 4-Bromofluorobenzene	*98.9*			*69.7-129*		*09/24/2016 22:33*	WG910443
(S) 4-Bromofluorobenzene	*103*			*69.7-129*		*09/25/2016 21:05*	WG910443

Method Blank (MB)

(MB) R3164924-1 09/20/16 09:49

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000300			

L860341-01 Original Sample (OS) • Duplicate (DUP)

(OS) L860341-01 09/20/16 09:49 • (DUP) R3164924-3 09/20/16 09:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	82.9	80.1	1	3.35		5

Laboratory Control Sample (LCS)

(LCS) R3164924-2 09/20/16 09:49

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3165956-3 09/24/16 14:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*105*			*88.7-115*
(S) Dibromofluoromethane	*106*			*76.3-123*
(S) 4-Bromofluorobenzene	*99.8*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3165956-1 09/24/16 12:43 • (LCSD) R3165956-2 09/24/16 13:04

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0226	0.0246	90.5	98.5	72.6-120			8.42	20
Ethylbenzene	0.0250	0.0210	0.0232	84.1	92.7	78.6-124			9.74	20
Isopropylbenzene	0.0250	0.0205	0.0227	82.0	90.6	79.4-126			10.0	20
Methyl tert-butyl ether	0.0250	0.0220	0.0225	87.9	90.0	70.2-122			2.38	20
Naphthalene	0.0250	0.0220	0.0208	87.8	83.3	69.9-132			5.35	20
Toluene	0.0250	0.0206	0.0219	82.3	87.5	76.7-116			6.09	20
1,2,4-Trimethylbenzene	0.0250	0.0204	0.0222	81.6	88.8	77.1-124			8.48	20
1,3,5-Trimethylbenzene	0.0250	0.0206	0.0228	82.4	91.1	79.0-125			9.95	20
Xylenes, Total	0.0750	0.0619	0.0687	82.5	91.5	78.1-123			10.3	20
(S) Toluene-d8				*107*	*107*	*88.7-115*				
(S) Dibromofluoromethane				*108*	*108*	*76.3-123*				
(S) 4-Bromofluorobenzene				*96.9*	*102*	*69.7-129*				

L860340-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L860340-01 09/24/16 21:12 • (MS) R3165956-4 09/24/16 15:08 • (MSD) R3165956-5 09/24/16 15:28

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0280	0.0221	0.0248	0.0239	9.35	6.41	1	47.8-131	J6	J6	3.39	22.8
Ethylbenzene	0.0280	0.00824	0.0202	0.0195	42.6	40.2	1	44.8-135	J6	J6	3.36	26.9

L860340-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L860340-01 09/24/16 21:12 • (MS) R3165956-4 09/24/16 15:08 • (MSD) R3165956-5 09/24/16 15:28

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.0280	0.000793	0.0186	0.0176	63.7	60.0	1	41.9-139			5.59	29.3
Methyl tert-butyl ether	0.0280	0.00137	0.0262	0.0252	88.5	85.1	1	50.4-131			3.69	24.8
Naphthalene	0.0280	0.00331	0.0193	0.0183	57.0	53.7	1	18.4-145			5.03	34
Toluene	0.0280	0.0188	0.0215	0.0210	9.78	8.05	1	47.8-127	J6	J6	2.28	24.3
1,2,4-Trimethylbenzene	0.0280	0.00765	0.0191	0.0182	40.7	37.7	1	32.9-139			4.55	30.6
1,3,5-Trimethylbenzene	0.0280	0.00270	0.0186	0.0174	56.6	52.6	1	37.1-138			6.22	30.6
Xylenes, Total	0.0841	0.0207	0.0614	0.0592	48.5	45.8	1	42.7-135			3.76	26.6
(S) Toluene-d8					*107*	*108*		*88.7-115*				
(S) Dibromofluoromethane					*108*	*109*		*76.3-123*				
(S) 4-Bromofluorobenzene					*92.4*	*96.7*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

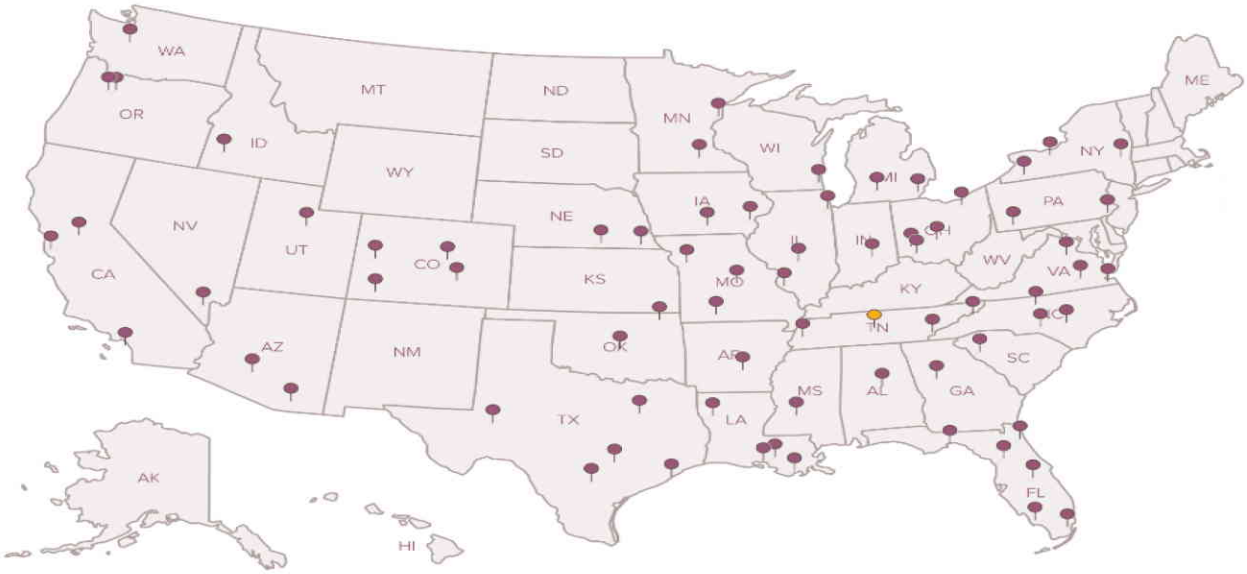
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano
Email to: lab@insitegroup.org

Project Description: Confirmatory Soil Sampling (1)
City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE
ESC Key: INSITE080614S

Collected by: ADAM CAINES
Site/Facility ID#: 03-06500
P.O.#:

Collected by (signature):
Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative: 8260 UGPA; Total Solids

Chain of Custody Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

H218

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 UGPA	Total Solids	Remarks/Contaminant	Sample # (lab only)
CS-1	Grab	SS		9/15/16	0808	5	X	X		860741-01
CS-2	Grab	SS		9/15/16	0810	5	X	X		02
CS-12	Grab	SS		9/15/16	0815	5	X	X		03

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks: D1 PRIORITY

pH ____ Temp ____
Flow ____ Other ____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Kristen Kelly	9/16/16	1448			Cor
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7 / Bottles Received: 15	UOSZ
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/16/16 / Time: 9:10	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client:	INSITE	SDG#	860341
Cooler Received/Opened On:	9-17-16	Temperature Upon Receipt:	2.1 °c
Received By:	Grey Dearing		
Signature:	Grey Dearing		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	/		-/
Were custody papers properly filled out?	/		
Did all bottles arrive in good condition?	/		
Were correct bottles used for the analyses requested?	/		
Was sufficient amount of sample sent in each bottle?	/		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			/
If applicable, was an observable VOA headspace present?			/
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

September 30, 2016

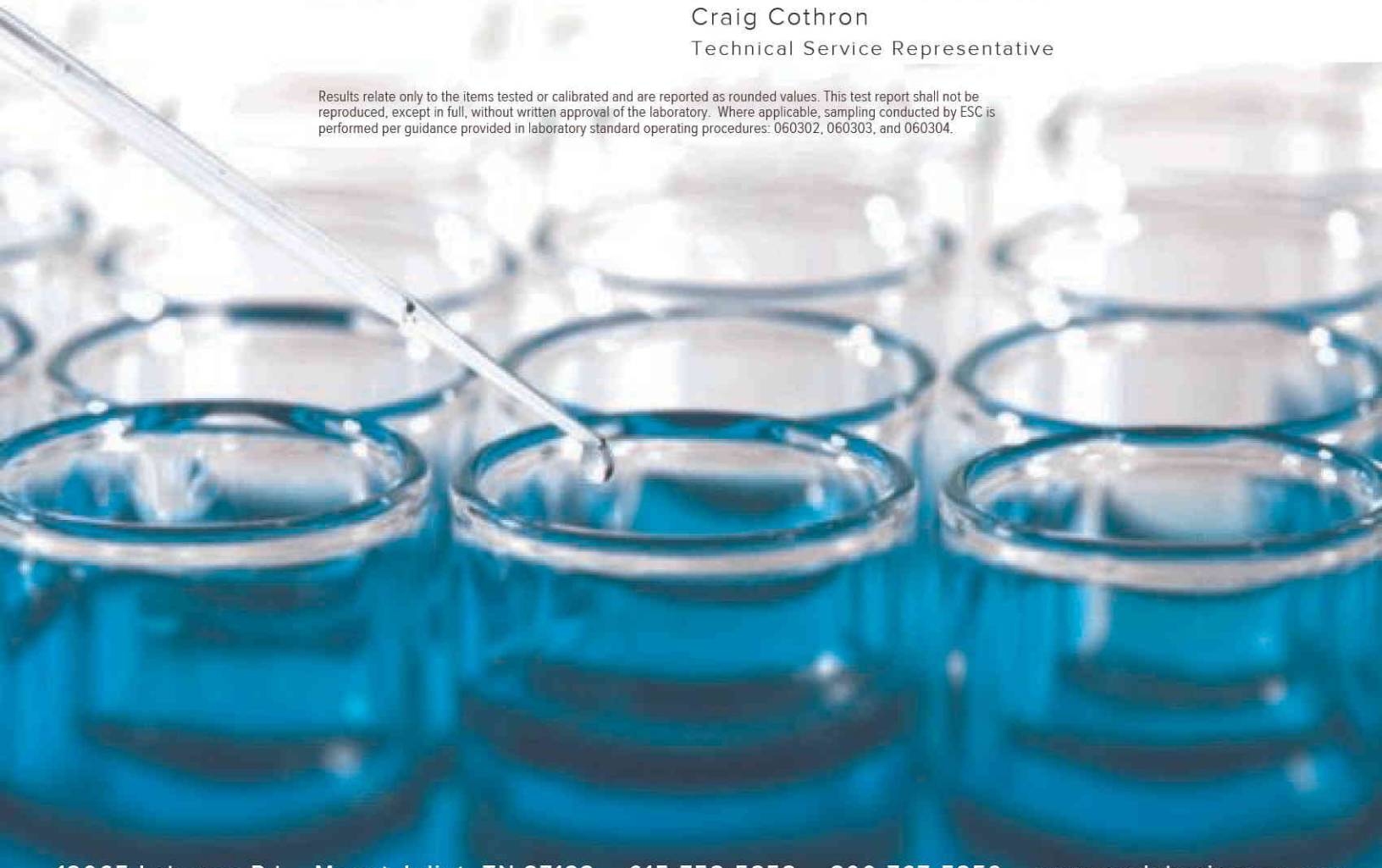
Insite Group

Sample Delivery Group:	L860779
Samples Received:	09/21/2016
Project Number:	VALLEY VILLAGE
Description:	Confirmatory Soil Sampling
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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CS-3 L860779-01 Solid

Collected by: Adam Gaines
Collected date/time: 09/20/16 08:31
Received date/time: 09/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG910165	1	09/22/16 08:40	09/22/16 08:50	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG911335	1	09/28/16 05:25	09/28/16 14:25	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG911335	20	09/28/16 05:25	09/29/16 15:46	DWR

CS-11 L860779-02 Solid

Collected by: Adam Gaines
Collected date/time: 09/20/16 11:30
Received date/time: 09/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG910165	1	09/22/16 08:40	09/22/16 08:50	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG911335	16.5	09/28/16 05:25	09/28/16 14:46	ACG

CS-51 L860779-03 Solid

Collected by: Adam Gaines
Collected date/time: 09/20/16 12:00
Received date/time: 09/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG910165	1	09/22/16 08:40	09/22/16 08:50	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG911335	21.75	09/28/16 05:25	09/28/16 15:06	ACG

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.6		1	09/22/2016 08:50	WG910165

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.341		0.00662	0.0245	20	09/29/2016 15:46	WG911335
Ethylbenzene	0.0479		0.000364	0.00123	1	09/28/2016 14:25	WG911335
Isopropylbenzene	0.00464		0.000298	0.00123	1	09/28/2016 14:25	WG911335
Methyl tert-butyl ether	U		0.000260	0.00123	1	09/28/2016 14:25	WG911335
Naphthalene	0.00136	J	0.00123	0.00613	1	09/28/2016 14:25	WG911335
Toluene	0.00394	J	0.000532	0.00613	1	09/28/2016 14:25	WG911335
1,2,4-Trimethylbenzene	0.0269		0.000259	0.00123	1	09/28/2016 14:25	WG911335
1,3,5-Trimethylbenzene	0.0102		0.000326	0.00123	1	09/28/2016 14:25	WG911335
Xylenes, Total	0.0345		0.000856	0.00368	1	09/28/2016 14:25	WG911335
(S) Toluene-d8	*105*			*88.7-115*		*09/28/2016 14:25*	WG911335
(S) Toluene-d8	*107*			*88.7-115*		*09/29/2016 15:46*	WG911335
(S) Dibromofluoromethane	*88.2*			*76.3-123*		*09/29/2016 15:46*	WG911335
(S) Dibromofluoromethane	*107*			*76.3-123*		*09/28/2016 14:25*	WG911335
(S) 4-Bromofluorobenzene	*98.1*			*69.7-129*		*09/28/2016 14:25*	WG911335
(S) 4-Bromofluorobenzene	*115*			*69.7-129*		*09/29/2016 15:46*	WG911335

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.0		1	09/22/2016 08:50	WG910165

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	1.18		0.00507	0.0188	16.5	09/28/2016 14:46	WG911335
Ethylbenzene	1.63		0.00557	0.0188	16.5	09/28/2016 14:46	WG911335
Isopropylbenzene	0.127		0.00456	0.0188	16.5	09/28/2016 14:46	WG911335
Methyl tert-butyl ether	U		0.00398	0.0188	16.5	09/28/2016 14:46	WG911335
Naphthalene	0.0582	J	0.0188	0.0938	16.5	09/28/2016 14:46	WG911335
Toluene	0.0718	J	0.00814	0.0938	16.5	09/28/2016 14:46	WG911335
1,2,4-Trimethylbenzene	1.16		0.00396	0.0188	16.5	09/28/2016 14:46	WG911335
1,3,5-Trimethylbenzene	0.0937		0.00499	0.0188	16.5	09/28/2016 14:46	WG911335
Xylenes, Total	1.81		0.0131	0.0563	16.5	09/28/2016 14:46	WG911335
(S) Toluene-d8	*101*			*88.7-115*		*09/28/2016 14:46*	WG911335
(S) Dibromofluoromethane	*95.6*			*76.3-123*		*09/28/2016 14:46*	WG911335
(S) 4-Bromofluorobenzene	*104*			*69.7-129*		*09/28/2016 14:46*	WG911335

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.1		1	09/22/2016 08:50	WG910165

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.549		0.00667	0.0247	21.75	09/28/2016 15:06	WG911335
Ethylbenzene	0.949		0.00734	0.0247	21.75	09/28/2016 15:06	WG911335
Isopropylbenzene	0.0978		0.00600	0.0247	21.75	09/28/2016 15:06	WG911335
Methyl tert-butyl ether	U		0.00523	0.0247	21.75	09/28/2016 15:06	WG911335
Naphthalene	0.0769	J	0.0248	0.123	21.75	09/28/2016 15:06	WG911335
Toluene	0.0657	J	0.0107	0.123	21.75	09/28/2016 15:06	WG911335
1,2,4-Trimethylbenzene	1.14		0.00521	0.0247	21.75	09/28/2016 15:06	WG911335
1,3,5-Trimethylbenzene	0.122		0.00656	0.0247	21.75	09/28/2016 15:06	WG911335
Xylenes, Total	1.44		0.0173	0.0741	21.75	09/28/2016 15:06	WG911335
(S) Toluene-d8	*104*			*88.7-115*		*09/28/2016 15:06*	WG911335
(S) Dibromofluoromethane	*96.4*			*76.3-123*		*09/28/2016 15:06*	WG911335
(S) 4-Bromofluorobenzene	*103*			*69.7-129*		*09/28/2016 15:06*	WG911335

Method Blank (MB)

(MB) R3165571-1 09/22/16 08:50

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000100			

L860842-04 Original Sample (OS) • Duplicate (DUP)

(OS) L860842-04 09/22/16 08:50 • (DUP) R3165571-3 09/22/16 08:50

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.3	79.4	1	1.20		5

Laboratory Control Sample (LCS)

(LCS) R3165571-2 09/22/16 08:50

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3166671-3 09/28/16 08:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*104*			*88.7-115*
(S) Dibromofluoromethane	*99.4*			*76.3-123*
(S) 4-Bromofluorobenzene	*97.1*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3166671-1 09/28/16 07:35 • (LCSD) R3166671-2 09/28/16 07:55

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0249	0.0261	99.6	104	72.6-120			4.63	20
Ethylbenzene	0.0250	0.0256	0.0264	103	106	78.6-124			2.92	20
Isopropylbenzene	0.0250	0.0250	0.0256	99.9	102	79.4-126			2.41	20
Methyl tert-butyl ether	0.0250	0.0237	0.0259	94.9	104	70.2-122			8.90	20
Naphthalene	0.0250	0.0241	0.0275	96.3	110	69.9-132			13.3	20
Toluene	0.0250	0.0236	0.0246	94.3	98.4	76.7-116			4.18	20
1,2,4-Trimethylbenzene	0.0250	0.0247	0.0253	99.0	101	77.1-124			2.20	20
1,3,5-Trimethylbenzene	0.0250	0.0249	0.0258	99.6	103	79.0-125			3.42	20
Xylenes, Total	0.0750	0.0755	0.0778	101	104	78.1-123			3.00	20
(S) Toluene-d8				*104*	*105*	*88.7-115*				
(S) Dibromofluoromethane				*101*	*106*	*76.3-123*				
(S) 4-Bromofluorobenzene				*98.0*	*97.8*	*69.7-129*				

L861278-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L861278-01 09/28/16 15:26 • (MS) R3166671-4 09/28/16 18:08 • (MSD) R3166671-5 09/28/16 18:28

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0250	ND	0.0146	0.0147	55.5	55.8	1	47.8-131			0.410	22.8
Ethylbenzene	0.0250	0.00223	0.0115	0.0115	37.2	37.0	1	44.8-135	J6	J6	0.460	26.9
Isopropylbenzene	0.0250	ND	0.0103	0.0101	38.6	37.6	1	41.9-139	J6	J6	2.56	29.3

L861278-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L861278-01 09/28/16 15:26 • (MS) R3166671-4 09/28/16 18:08 • (MSD) R3166671-5 09/28/16 18:28

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	0.0250	ND	0.0153	0.0150	61.3	60.1	1	50.4-131			2.09	24.8
Naphthalene	0.0250	ND	0.00508	0.00428	20.3	17.1	1	18.4-145		J6	17.0	34
Toluene	0.0250	ND	0.0125	0.0123	50.1	49.3	1	47.8-127			1.52	24.3
1,2,4-Trimethylbenzene	0.0250	0.00364	0.00902	0.00904	21.5	21.6	1	32.9-139	J6	J6	0.290	30.6
1,3,5-Trimethylbenzene	0.0250	0.00133	0.00877	0.00841	29.8	28.3	1	37.1-138	J6	J6	4.23	30.6
Xylenes, Total	0.0750	0.00420	0.0315	0.0313	36.4	36.1	1	42.7-135	J6	J6	0.510	26.6
(S) Toluene-d8					*107*	*104*		*88.7-115*				
(S) Dibromofluoromethane					*106*	*107*		*76.3-123*				
(S) 4-Bromofluorobenzene					*95.6*	*96.3*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Confirmatory Soil Sampling (2)

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM GAINES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 VOPA	Total solids	Remarks/Contaminant	Sample # (lab only)
CS-3	Grab	SS		9/20/16	0831	5	X	X		1860779-01
CS-11	Grab	SS		9/20/16	1130	5	X	X		02
CS-51	Grab	SS		9/20/16	1200	5	X	X		03

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

G210

CoCode (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks: D1 PRIORITY

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Kristin Kelly	9/20/16	1448			OK SW1
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.9 / Bottles Received: 6	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Michael Mosley	Date: 9-21-16 / Time: 9:00	pH Checked: / NCF:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# L860779
Cooler Received/Opened On: **9/21/16**	Temperature Upon Receipt: 2.4 °c
Received By: **Rickey Mosley**	
Signature: Rickey Mosley	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 11, 2016

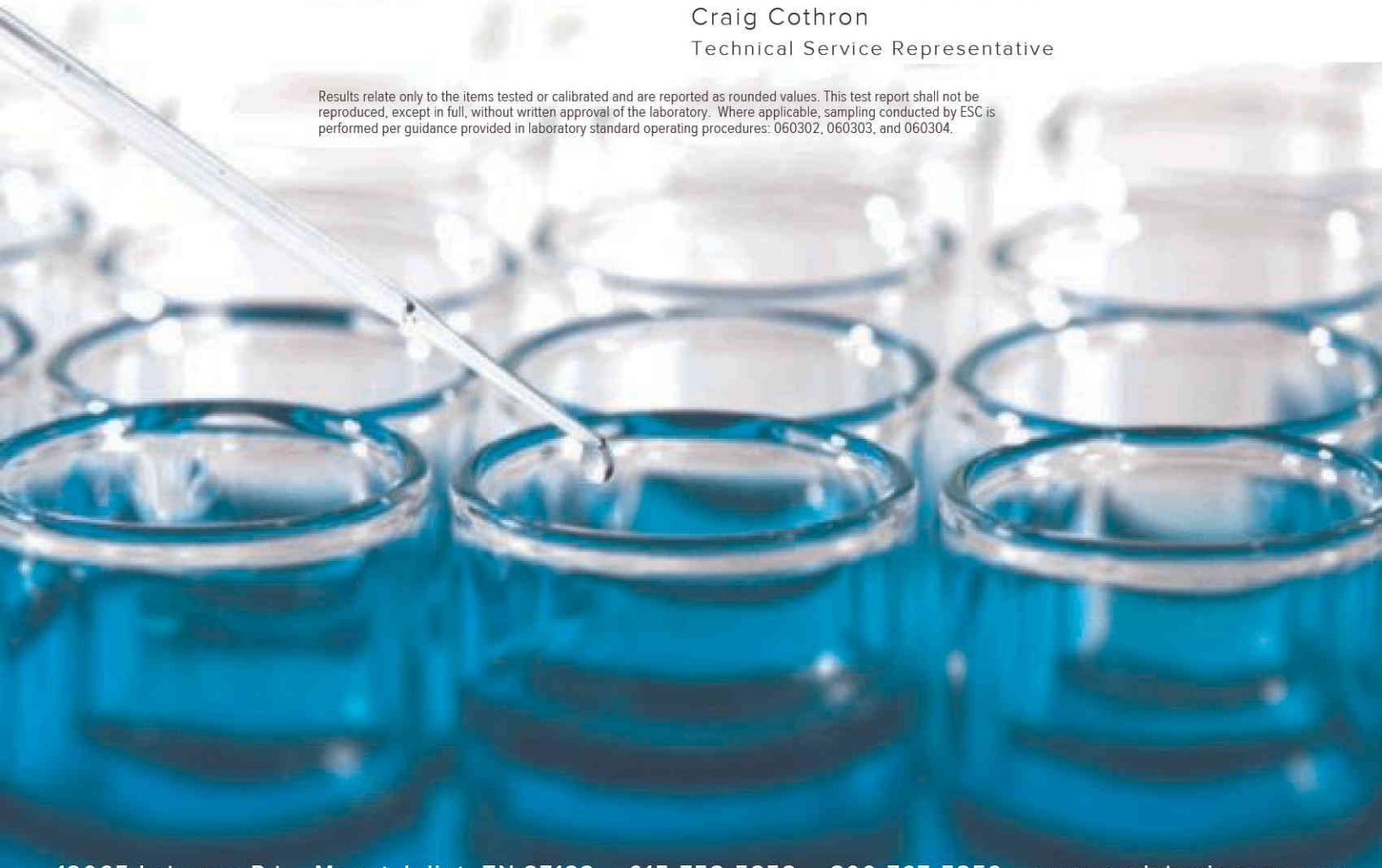
Insite Group

Sample Delivery Group:	L863045
Samples Received:	09/30/2016
Project Number:	VALLEY VILLAGE
Description:	Confirmatory Soil Sampling (3)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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CS-10 L863045-03 7

[6]Qc: Quality Control Summary 8

Total Solids by Method 2540 G-2011 8

Volatile Organic Compounds (GC/MS) by Method 8260B 9

[7]Gl: Glossary of Terms 11

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[9]Sc: Chain of Custody 13

CS-4 L863045-01 Solid

Collected by: Adam Gaines
Collected date/time: 09/27/16 15:11
Received date/time: 09/30/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG913669	1	10/04/16 10:45	10/04/16 10:53	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG914518	1	10/07/16 12:00	10/07/16 12:43	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG914518	42.5	09/27/16 15:11	10/10/16 04:37	GLN

CS-9 L863045-02 Solid

Collected by: Adam Gaines
Collected date/time: 09/27/16 13:50
Received date/time: 09/30/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG913669	1	10/04/16 10:45	10/04/16 10:53	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG914518	1	09/27/16 13:50	10/07/16 14:24	JHH

CS-10 L863045-03 Solid

Collected by: Adam Gaines
Collected date/time: 09/27/16 13:39
Received date/time: 09/30/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG913669	1	10/04/16 10:45	10/04/16 10:53	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG914518	1	09/27/16 13:39	10/07/16 14:42	JHH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.1		1	10/04/2016 10:53	WG913669

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0197	J	0.0140	0.0518	42.5	10/10/2016 04:37	WG914518
Ethylbenzene	0.0442	J	0.0153	0.0518	42.5	10/10/2016 04:37	WG914518
Isopropylbenzene	0.0152		0.000296	0.00122	1	10/07/2016 12:43	WG914518
Methyl tert-butyl ether	0.0156		0.000258	0.00122	1	10/07/2016 12:43	WG914518
Naphthalene	0.0149		0.00122	0.00609	1	10/07/2016 12:43	WG914518
Toluene	0.146		0.000529	0.00609	1	10/07/2016 12:43	WG914518
1,2,4-Trimethylbenzene	0.183		0.000257	0.00122	1	10/07/2016 12:43	WG914518
1,3,5-Trimethylbenzene	0.0601		0.000324	0.00122	1	10/07/2016 12:43	WG914518
Xylenes, Total	0.232		0.0362	0.155	42.5	10/10/2016 04:37	WG914518
(S) Toluene-d8	*109*			*88.7-115*		*10/10/2016 04:37*	WG914518
(S) Toluene-d8	*104*			*88.7-115*		*10/07/2016 12:43*	WG914518
(S) Dibromofluoromethane	*110*			*76.3-123*		*10/07/2016 12:43*	WG914518
(S) Dibromofluoromethane	*103*			*76.3-123*		*10/10/2016 04:37*	WG914518
(S) 4-Bromofluorobenzene	*111*			*69.7-129*		*10/10/2016 04:37*	WG914518
(S) 4-Bromofluorobenzene	*99.6*			*69.7-129*		*10/07/2016 12:43*	WG914518

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	10/04/2016 10:53	WG913669

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0145		0.000321	0.00119	1	10/07/2016 14:24	WG914518
Ethylbenzene	U		0.000353	0.00119	1	10/07/2016 14:24	WG914518
Isopropylbenzene	U		0.000289	0.00119	1	10/07/2016 14:24	WG914518
Methyl tert-butyl ether	U		0.000252	0.00119	1	10/07/2016 14:24	WG914518
Naphthalene	U		0.00119	0.00595	1	10/07/2016 14:24	WG914518
Toluene	U		0.000516	0.00595	1	10/07/2016 14:24	WG914518
1,2,4-Trimethylbenzene	U		0.000251	0.00119	1	10/07/2016 14:24	WG914518
1,3,5-Trimethylbenzene	U		0.000316	0.00119	1	10/07/2016 14:24	WG914518
Xylenes, Total	U		0.000830	0.00357	1	10/07/2016 14:24	WG914518
(S) Toluene-d8	*105*			*88.7-115*		*10/07/2016 14:24*	WG914518
(S) Dibromofluoromethane	*115*			*76.3-123*		*10/07/2016 14:24*	WG914518
(S) 4-Bromofluorobenzene	*108*			*69.7-129*		*10/07/2016 14:24*	WG914518

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.7		1	10/04/2016 10:53	WG913669

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000746	J	0.000301	0.00111	1	10/07/2016 14:42	WG914518
Ethylbenzene	U		0.000331	0.00111	1	10/07/2016 14:42	WG914518
Isopropylbenzene	U		0.000271	0.00111	1	10/07/2016 14:42	WG914518
Methyl tert-butyl ether	0.00439		0.000236	0.00111	1	10/07/2016 14:42	WG914518
Naphthalene	U		0.00111	0.00557	1	10/07/2016 14:42	WG914518
Toluene	0.000851	J	0.000484	0.00557	1	10/07/2016 14:42	WG914518
1,2,4-Trimethylbenzene	0.000297	J	0.000235	0.00111	1	10/07/2016 14:42	WG914518
1,3,5-Trimethylbenzene	U		0.000296	0.00111	1	10/07/2016 14:42	WG914518
Xylenes, Total	0.000868	J	0.000778	0.00334	1	10/07/2016 14:42	WG914518
(S) Toluene-d8	*103*			*88.7-115*		*10/07/2016 14:42*	WG914518
(S) Dibromofluoromethane	*113*			*76.3-123*		*10/07/2016 14:42*	WG914518
(S) 4-Bromofluorobenzene	*109*			*69.7-129*		*10/07/2016 14:42*	WG914518

Method Blank (MB)

(MB) R3168208-1 10/04/16 10:53

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00110			

L863045-01 Original Sample (OS) • Duplicate (DUP)

(OS) L863045-01 10/04/16 10:53 • (DUP) R3168208-3 10/04/16 10:53

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	82.1	81.7	1	0.484		5

Laboratory Control Sample (LCS)

(LCS) R3168208-2 10/04/16 10:53

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3168987-6 10/07/16 06:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*107*			*88.7-115*
(S) Dibromofluoromethane	*109*			*76.3-123*
(S) 4-Bromofluorobenzene	*111*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3168987-1 10/07/16 04:53 • (LCSD) R3168987-2 10/07/16 05:10

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0249	0.0236	99.7	94.6	72.6-120			5.27	20
Ethylbenzene	0.0250	0.0242	0.0235	96.7	93.8	78.6-124			2.96	20
Isopropylbenzene	0.0250	0.0232	0.0228	92.9	91.1	79.4-126			2.03	20
Methyl tert-butyl ether	0.0250	0.0242	0.0241	96.8	96.4	70.2-122			0.400	20
Naphthalene	0.0250	0.0185	0.0226	74.1	90.3	69.9-132			19.6	20
Toluene	0.0250	0.0232	0.0219	92.9	87.6	76.7-116			5.97	20
1,2,4-Trimethylbenzene	0.0250	0.0244	0.0243	97.4	97.4	77.1-124			0.0200	20
1,3,5-Trimethylbenzene	0.0250	0.0249	0.0247	99.8	98.7	79.0-125			1.13	20
Xylenes, Total	0.0750	0.0732	0.0694	97.6	92.6	78.1-123			5.24	20
(S) Toluene-d8				*107*	*107*	*88.7-115*				
(S) Dibromofluoromethane				*111*	*113*	*76.3-123*				
(S) 4-Bromofluorobenzene				*107*	*108*	*69.7-129*				

L863130-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L863130-04 10/07/16 08:22 • (MS) R3168987-7 10/07/16 08:39 • (MSD) R3168987-8 10/07/16 08:56

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0307	U	0.0251	0.0228	81.7	74.2	1	47.8-131			9.56	22.8
Ethylbenzene	0.0307	U	0.0235	0.0214	76.4	69.7	1	44.8-135			9.13	26.9

L863130-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L863130-04 10/07/16 08:22 • (MS) R3168987-7 10/07/16 08:39 • (MSD) R3168987-8 10/07/16 08:56

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.0307	U	0.0246	0.0224	80.0	73.0	1	41.9-139			9.25	29.3
Methyl tert-butyl ether	0.0307	U	0.0287	0.0242	93.3	78.9	1	50.4-131			16.7	24.8
Naphthalene	0.0307	U	0.0300	0.0199	97.7	64.9	1	18.4-145		J3	40.4	34
Toluene	0.0307	U	0.0222	0.0209	72.4	67.9	1	47.8-127			6.41	24.3
1,2,4-Trimethylbenzene	0.0307	U	0.0263	0.0225	85.4	73.3	1	32.9-139			15.3	30.6
1,3,5-Trimethylbenzene	0.0307	U	0.0276	0.0239	89.6	77.9	1	37.1-138			14.1	30.6
Xylenes, Total	0.0922	U	0.0697	0.0634	75.6	68.8	1	42.7-135			9.41	26.6
(S) Toluene-d8					*107*	*108*		*88.7-115*				
(S) Dibromofluoromethane					*121*	*121*		*76.3-123*				
(S) 4-Bromofluorobenzene					*109*	*111*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

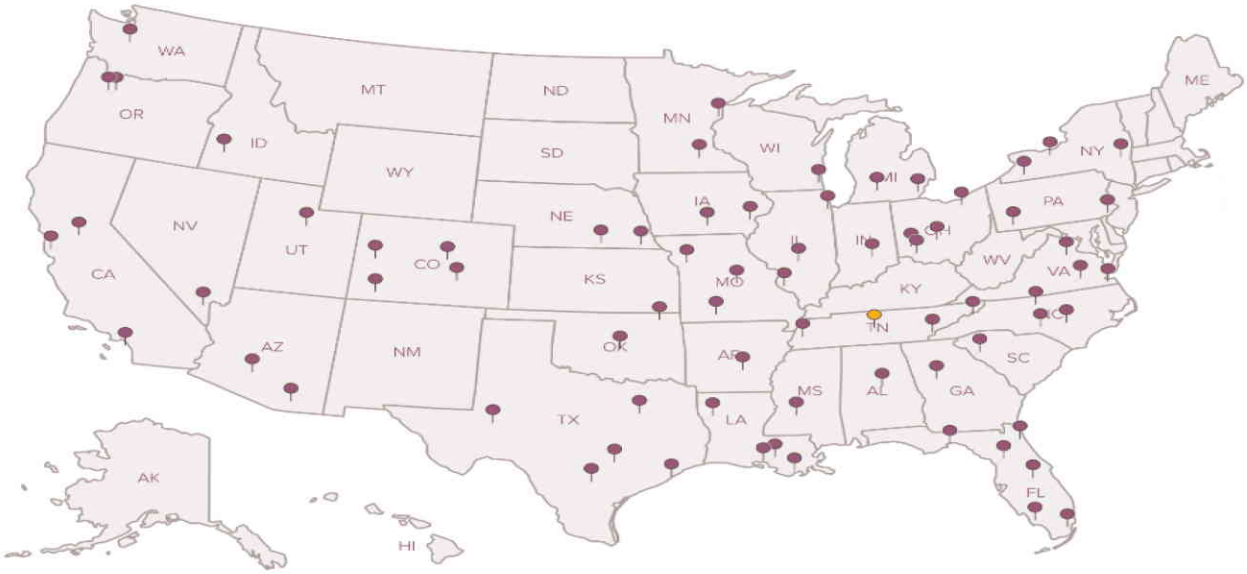
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Confirmatory Soil Sampling (3)

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM CALVES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 VOA	Total Solids							Remarks/Contaminant	Sample # (lab only)
CS-4	Grab	SS		9/27/16	1511	5	X	X								-01
CS-9	Grab	SS		9/28/16	1350	5	X	X								-02
CS-10	Grab	SS		9/27/16	1339	5	X	X								-03

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode (lab use only)

Template/Prelogin L863045

Shipped Via G152

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Kristin Kelley	9/29/16	1413			OK X
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.3 / Bottles Received: 15	COC's
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-30-16 / Time: 09:00	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG#	L863045
Cooler Received/Opened On: 9/30/16	Temperature Upon Receipt:	3.3 °c
Received By: Rickey Mosley		
Signature: Rickey Mosley		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 17, 2016

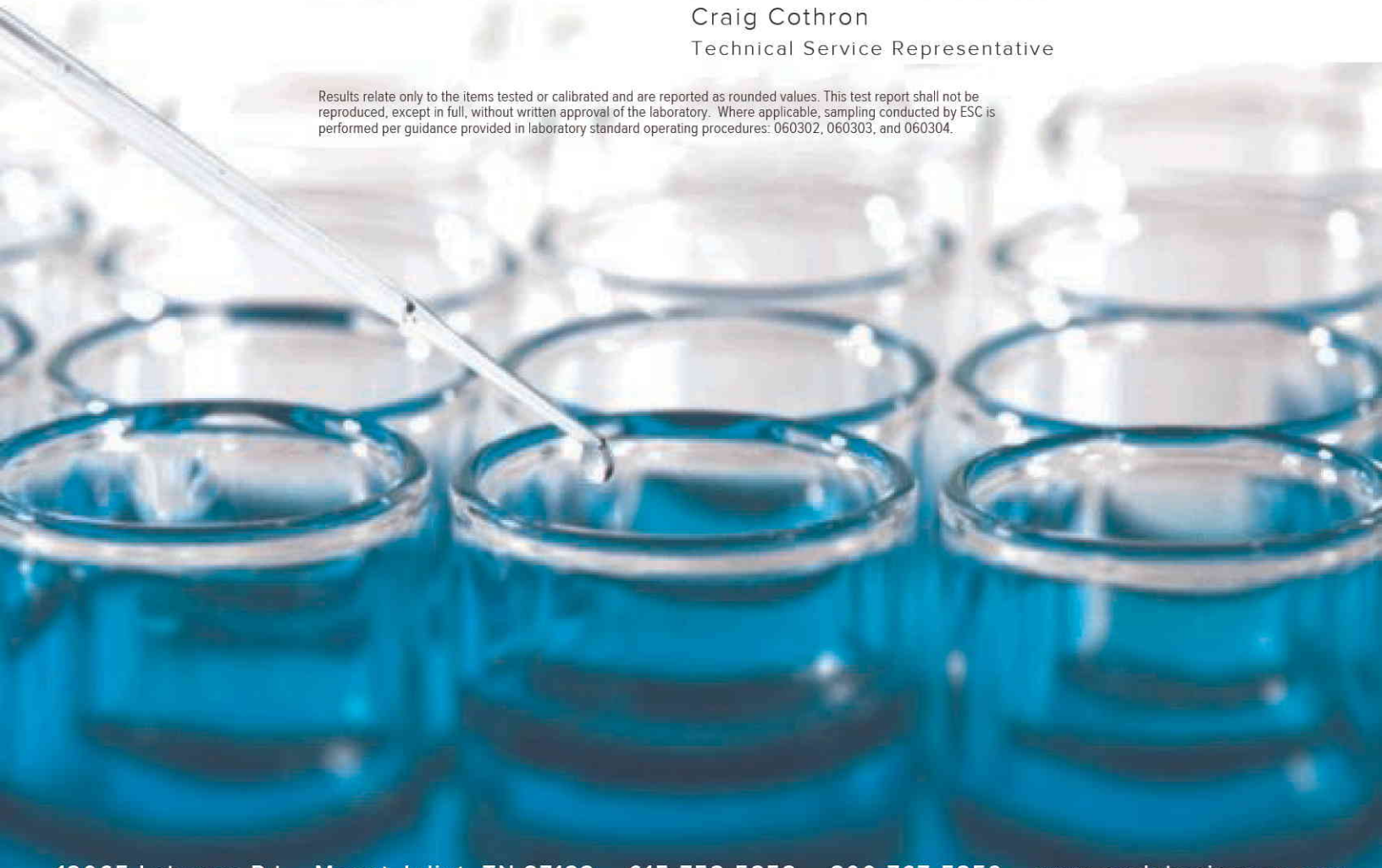
Insite Group

Sample Delivery Group:	L864756
Samples Received:	10/07/2016
Project Number:	VALLEY VILLAGE
Description:	Confirmatory Soil Sampling (4)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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CS-5 L864756-01 Solid

Collected by: Adam Gaines
Collected date/time: 10/06/16 11:05
Received date/time: 10/07/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG915725	1	10/10/16 11:17	10/10/16 11:29	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG917661	1	10/06/16 11:05	10/16/16 21:28	JAH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.0		1	10/10/2016 11:29	WG915725

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0169		0.000342	0.00127	1	10/16/2016 21:28	WG917661
Ethylbenzene	0.0141		0.000376	0.00127	1	10/16/2016 21:28	WG917661
Isopropylbenzene	0.00267		0.000308	0.00127	1	10/16/2016 21:28	WG917661
Methyl tert-butyl ether	U		0.000268	0.00127	1	10/16/2016 21:28	WG917661
Naphthalene	U		0.00127	0.00633	1	10/16/2016 21:28	WG917661
Toluene	0.000933	J	0.000549	0.00633	1	10/16/2016 21:28	WG917661
1,2,4-Trimethylbenzene	0.00225		0.000267	0.00127	1	10/16/2016 21:28	WG917661
1,3,5-Trimethylbenzene	0.00241		0.000337	0.00127	1	10/16/2016 21:28	WG917661
Xylenes, Total	0.00486		0.000883	0.00380	1	10/16/2016 21:28	WG917661
(S) Toluene-d8	*107*			*88.7-115*		*10/16/2016 21:28*	WG917661
(S) Dibromofluoromethane	*100*			*76.3-123*		*10/16/2016 21:28*	WG917661
(S) 4-Bromofluorobenzene	*97.5*			*69.7-129*		*10/16/2016 21:28*	WG917661

Method Blank (MB)

(MB) R3169530-1 10/10/16 11:29

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000800			

L864752-02 Original Sample (OS) • Duplicate (DUP)

(OS) L864752-02 10/10/16 11:29 • (DUP) R3169530-3 10/10/16 11:29

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	75.2	75.6	1	0.523		5

Laboratory Control Sample (LCS)

(LCS) R3169530-2 10/10/16 11:29

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3171055-4 10/16/16 14:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*104*			*88.7-115*
(S) Dibromofluoromethane	*92.5*			*76.3-123*
(S) 4-Bromofluorobenzene	*93.8*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3171055-1 10/16/16 11:40 • (LCSD) R3171055-2 10/16/16 12:02

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0220	0.0222	88.1	88.7	72.6-120			0.720	20
Ethylbenzene	0.0250	0.0238	0.0236	95.3	94.4	78.6-124			0.970	20
Isopropylbenzene	0.0250	0.0231	0.0229	92.5	91.8	79.4-126			0.740	20
Methyl tert-butyl ether	0.0250	0.0181	0.0188	72.4	75.3	70.2-122			3.90	20
Naphthalene	0.0250	0.0192	0.0198	76.6	79.1	69.9-132			3.19	20
Toluene	0.0250	0.0242	0.0245	96.7	98.2	76.7-116			1.52	20
1,2,4-Trimethylbenzene	0.0250	0.0233	0.0232	93.2	92.7	77.1-124			0.540	20
1,3,5-Trimethylbenzene	0.0250	0.0237	0.0234	94.7	93.5	79.0-125			1.30	20
Xylenes, Total	0.0750	0.0718	0.0708	95.7	94.4	78.1-123			1.32	20
(S) Toluene-d8				*108*	*107*	*88.7-115*				
(S) Dibromofluoromethane				*96.5*	*96.4*	*76.3-123*				
(S) 4-Bromofluorobenzene				*101*	*102*	*69.7-129*				

L864752-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864752-01 10/16/16 19:35 • (MS) R3171055-5 10/16/16 19:57 • (MSD) R3171055-6 10/16/16 20:20

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0250	ND	0.0140	0.0121	56.0	48.2	1	47.8-131			15.0	22.8
Ethylbenzene	0.0250	ND	0.0112	0.0106	44.9	42.5	1	44.8-135		J6	5.57	26.9
Isopropylbenzene	0.0250	ND	0.0105	0.0100	42.1	40.2	1	41.9-139		J6	4.79	29.3

L864752-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864752-01 10/16/16 19:35 • (MS) R3171055-5 10/16/16 19:57 • (MSD) R3171055-6 10/16/16 20:20

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	0.0250	ND	0.0145	0.0114	58.1	45.7	1	50.4-131		J6	23.8	24.8
Naphthalene	0.0250	ND	0.00516	0.00424	20.7	17.0	1	18.4-145		J6	19.6	34
Toluene	0.0250	ND	0.0139	0.0117	55.8	46.8	1	47.8-127		J6	17.5	24.3
1,2,4-Trimethylbenzene	0.0250	ND	0.00853	0.00823	34.1	32.9	1	32.9-139			3.63	30.6
1,3,5-Trimethylbenzene	0.0250	ND	0.00916	0.00892	36.6	35.7	1	37.1-138	J6	J6	2.61	30.6
Xylenes, Total	0.0750	ND	0.0326	0.0306	43.5	40.8	1	42.7-135		J6	6.50	26.6
(S) Toluene-d8					*107*	*106*		*88.7-115*				
(S) Dibromofluoromethane					*101*	*99.6*		*76.3-123*				
(S) 4-Bromofluorobenzene					*97.1*	*102*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

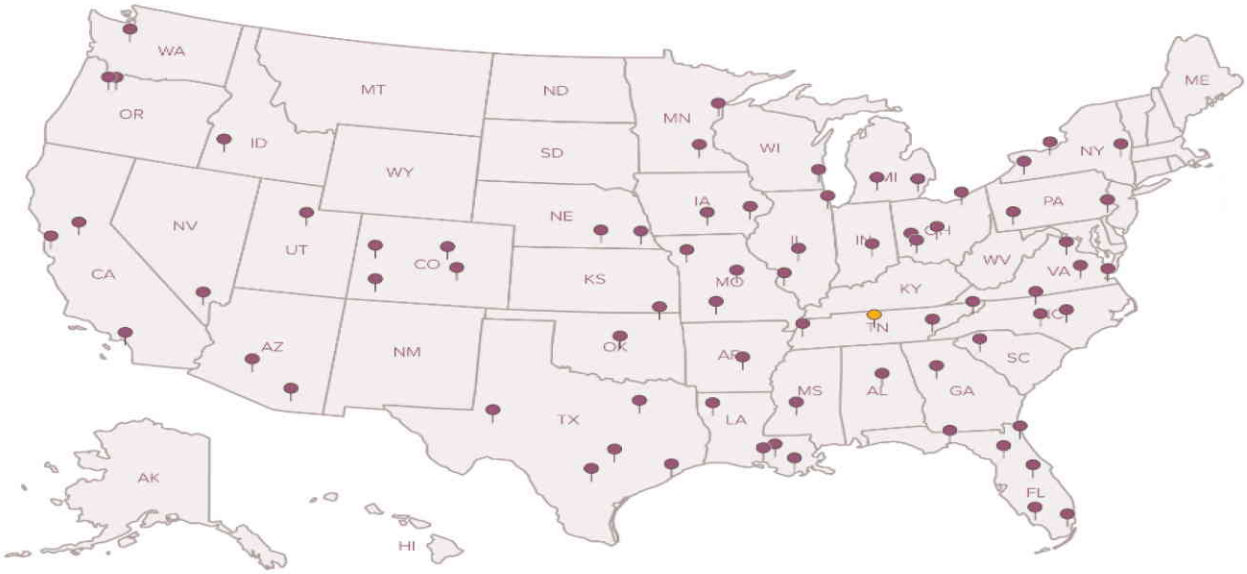
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Confirmatory Soil Sampling (4)

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM CAMES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260D 1160PA Total Solids	Remarks/Contaminant	Sample # (lab only)
CS-5	Grab	SS		10/6/16	1105	5	X X		L864756-01

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

C064

CoCode (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
D. Giordano	10/6/16	1705	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Joseph R

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____

Temp: 2.1°C | Bottles Received: 5

Date: 10-7-16 | Time: 0900

Condition: OK COOL (lab use only)

pH Checked: | NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# L664756
Cooler Received/Opened On: 10/ 7 /16	Temperature Upon Receipt: 2.1 °c
Received By: Joseph Roberts	
Signature: Joseph R.	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)	✓		
If applicable, was an observable VOA headspace present?			✓
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 20, 2016

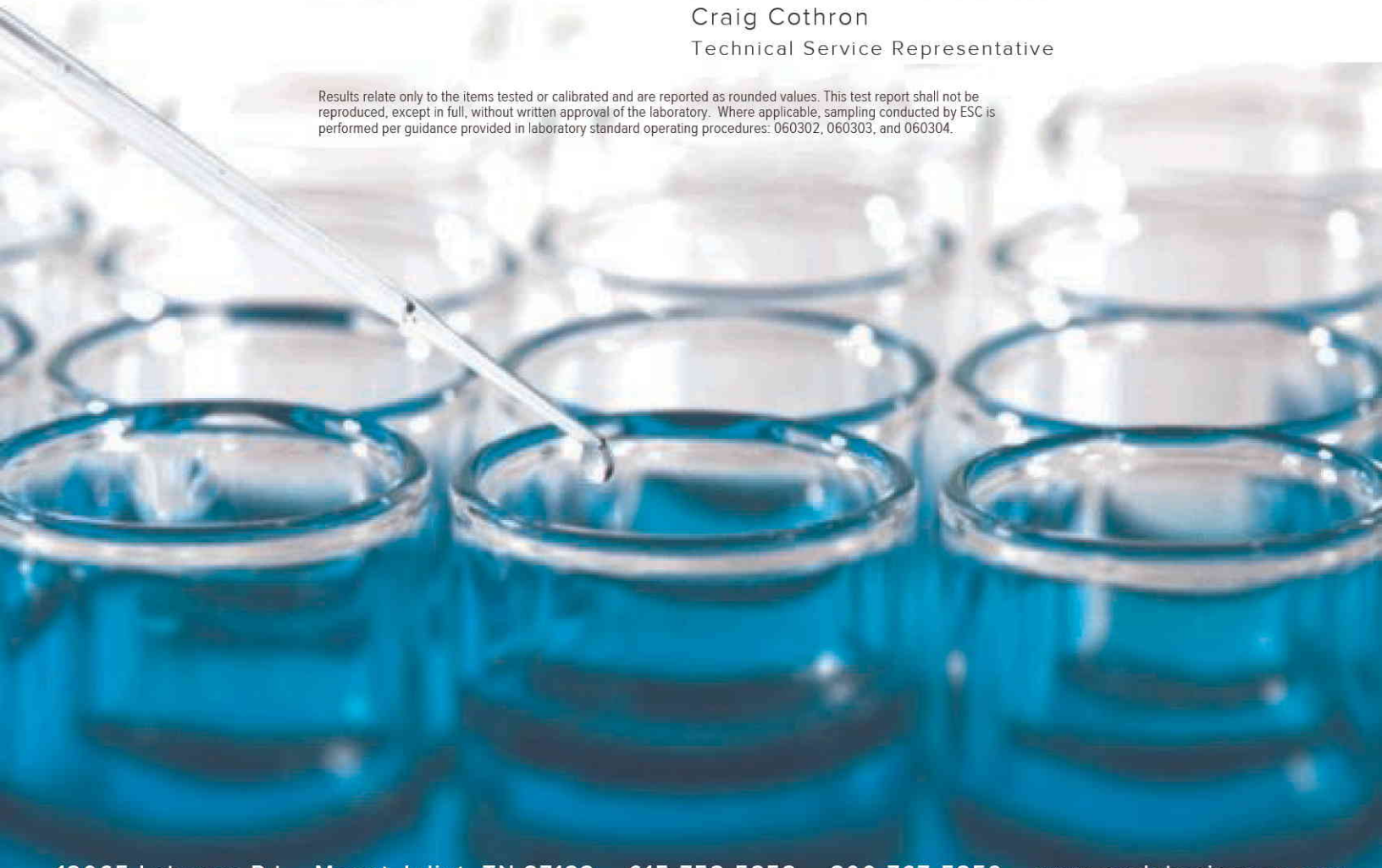
Insite Group

Sample Delivery Group:	L866255
Samples Received:	10/14/2016
Project Number:	VALLEY VILLAGE
Description:	Confirmatory Soil Sampling (5)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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CS-6 L866255-01 Solid

Collected by: Adam Gaines
Collected date/time: 10/10/16 14:40
Received date/time: 10/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG918114	1	10/18/16 09:57	10/18/16 10:17	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG918682	1	10/10/16 14:40	10/19/16 20:31	DWR

CS-8 L866255-02 Solid

Collected by: Adam Gaines
Collected date/time: 10/10/16 14:58
Received date/time: 10/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG918114	1	10/18/16 09:57	10/18/16 10:17	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG918682	1	10/10/16 14:58	10/19/16 20:52	DWR

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.4		1	10/18/2016 10:17	WG918114

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000332	0.00123	1	10/19/2016 20:31	WG918682
Ethylbenzene	U		0.000365	0.00123	1	10/19/2016 20:31	WG918682
Isopropylbenzene	U		0.000298	0.00123	1	10/19/2016 20:31	WG918682
Methyl tert-butyl ether	0.000596	J	0.000260	0.00123	1	10/19/2016 20:31	WG918682
Naphthalene	U		0.00123	0.00614	1	10/19/2016 20:31	WG918682
Toluene	0.000941	J	0.000533	0.00614	1	10/19/2016 20:31	WG918682
1,2,4-Trimethylbenzene	0.000820	J	0.000259	0.00123	1	10/19/2016 20:31	WG918682
1,3,5-Trimethylbenzene	U		0.000327	0.00123	1	10/19/2016 20:31	WG918682
Xylenes, Total	0.00167	J	0.000857	0.00368	1	10/19/2016 20:31	WG918682
(S) Toluene-d8	*103*			*88.7-115*		*10/19/2016 20:31*	WG918682
(S) Dibromofluoromethane	*102*			*76.3-123*		*10/19/2016 20:31*	WG918682
(S) 4-Bromofluorobenzene	*97.1*			*69.7-129*		*10/19/2016 20:31*	WG918682

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.9		1	10/18/2016 10:17	WG918114

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00771		0.000338	0.00125	1	10/19/2016 20:52	WG918682
Ethylbenzene	0.00627		0.000372	0.00125	1	10/19/2016 20:52	WG918682
Isopropylbenzene	0.00553		0.000304	0.00125	1	10/19/2016 20:52	WG918682
Methyl tert-butyl ether	0.00128		0.000265	0.00125	1	10/19/2016 20:52	WG918682
Naphthalene	0.00206	J	0.00125	0.00626	1	10/19/2016 20:52	WG918682
Toluene	0.00164	J	0.000543	0.00626	1	10/19/2016 20:52	WG918682
1,2,4-Trimethylbenzene	0.00167		0.000264	0.00125	1	10/19/2016 20:52	WG918682
1,3,5-Trimethylbenzene	0.00112	J	0.000333	0.00125	1	10/19/2016 20:52	WG918682
Xylenes, Total	0.00270	J	0.000874	0.00376	1	10/19/2016 20:52	WG918682
(S) Toluene-d8	*102*			*88.7-115*		*10/19/2016 20:52*	WG918682
(S) Dibromofluoromethane	*102*			*76.3-123*		*10/19/2016 20:52*	WG918682
(S) 4-Bromofluorobenzene	*99.4*			*69.7-129*		*10/19/2016 20:52*	WG918682

Method Blank (MB)

(MB) R3171527-1 10/18/16 10:17

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000200			

L866297-02 Original Sample (OS) • Duplicate (DUP)

(OS) L866297-02 10/18/16 10:17 • (DUP) R3171527-3 10/18/16 10:17

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.3	83.7	1	0.759		5

Laboratory Control Sample (LCS)

(LCS) R3171527-2 10/18/16 10:17

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3171997-3 10/19/16 13:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*103*			*88.7-115*
(S) Dibromofluoromethane	*101*			*76.3-123*
(S) 4-Bromofluorobenzene	*103*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3171997-1 10/19/16 12:10 • (LCSD) R3171997-2 10/19/16 12:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0247	0.0252	98.8	101	72.6-120			2.09	20
Ethylbenzene	0.0250	0.0275	0.0278	110	111	78.6-124			0.870	20
Isopropylbenzene	0.0250	0.0266	0.0275	106	110	79.4-126			3.38	20
Methyl tert-butyl ether	0.0250	0.0231	0.0234	92.3	93.5	70.2-122			1.31	20
Naphthalene	0.0250	0.0277	0.0270	111	108	69.9-132			2.68	20
Toluene	0.0250	0.0241	0.0245	96.4	97.8	76.7-116			1.46	20
1,2,4-Trimethylbenzene	0.0250	0.0268	0.0273	107	109	77.1-124			1.67	20
1,3,5-Trimethylbenzene	0.0250	0.0272	0.0281	109	112	79.0-125			2.99	20
Xylenes, Total	0.0750	0.0804	0.0829	107	111	78.1-123			3.09	20
(S) Toluene-d8				*102*	*103*	*88.7-115*				
(S) Dibromofluoromethane				*102*	*103*	*76.3-123*				
(S) 4-Bromofluorobenzene				*99.9*	*103*	*69.7-129*				

L866426-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L866426-01 10/19/16 22:33 • (MS) R3171997-4 10/19/16 22:53 • (MSD) R3171997-5 10/19/16 23:13

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0298	U	0.863	0.767	96.3	85.6	30	47.8-131			11.8	22.8
Ethylbenzene	0.0298	U	0.986	0.872	110	97.4	30	44.8-135			12.2	26.9

L866426-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L866426-01 10/19/16 22:33 • (MS) R3171997-4 10/19/16 22:53 • (MSD) R3171997-5 10/19/16 23:13

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.0298	U	0.950	0.843	106	94.2	30	41.9-139			11.9	29.3
Methyl tert-butyl ether	0.0298	U	0.588	0.653	65.7	72.9	30	50.4-131			10.4	24.8
Naphthalene	0.0298	U	0.866	0.802	96.7	89.6	30	18.4-145			7.69	34
Toluene	0.0298	U	0.912	0.752	102	84.0	30	47.8-127			19.3	24.3
1,2,4-Trimethylbenzene	0.0298	0.0418	0.929	0.825	99.1	87.5	30	32.9-139			11.9	30.6
1,3,5-Trimethylbenzene	0.0298	0.0180	0.954	0.850	105	92.9	30	37.1-138			11.5	30.6
Xylenes, Total	0.0895	0.0293	2.88	2.55	106	93.7	30	42.7-135			12.3	26.6
(S) Toluene-d8					*116*	*104*		*88.7-115*	J1			
(S) Dibromofluoromethane					*96.8*	*99.3*		*76.3-123*				
(S) 4-Bromofluorobenzene					*107*	*100*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
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State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

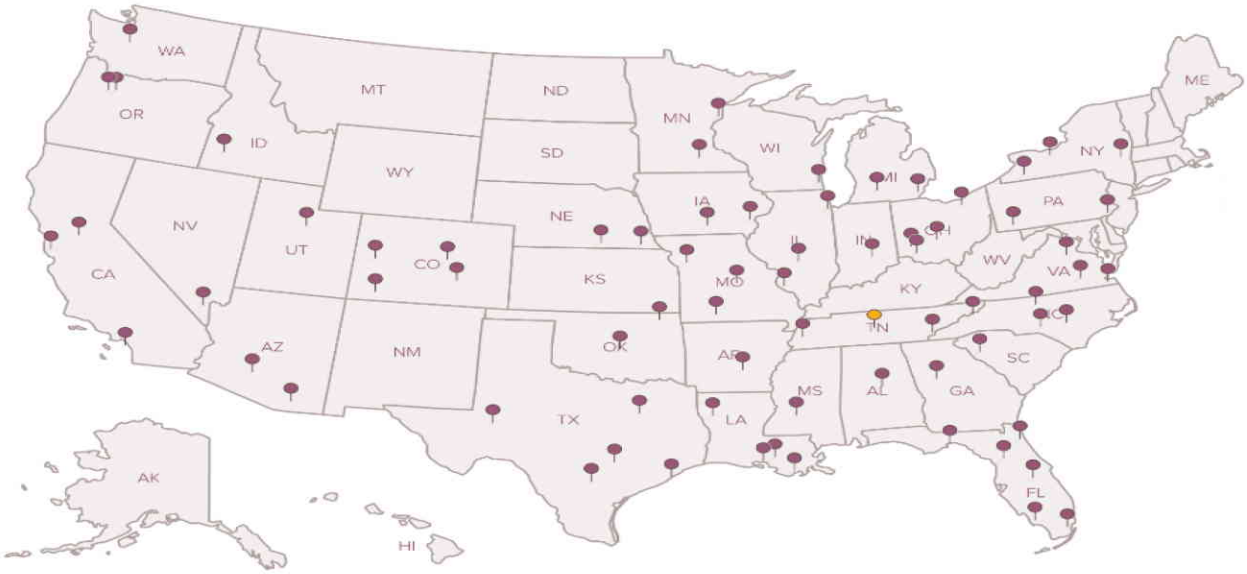
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Confirmatory Soil Sampling

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM OAKES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature): Adam Oakes

Packed on Ice N Y(X)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 VOA	Total Solids							Remarks/Contaminant	Sample # (lab only)
CS-6	Grab	SS		10/10/16	1440	5	X	X								L866255-01
CS-8	Grab	SS		10/12/16	1458	5	X	X								

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode (lab use only)

Template/Prelogin: G209

Shipped Vi

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Kristen Kelley	10/13/16	1313			OK COC#2
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.2 / Bottles Received: 10	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-14-16 / Time: 900	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# L866255
Cooler Received/Opened On: 10/14/16 Receipt:	Temperature Upon 3.2 °c
Received By: **Rickey Mosley**	
Signature:	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?			✓
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 28, 2016

Insite Group

Sample Delivery Group:	L867591
Samples Received:	10/21/2016
Project Number:	VALLEY VILLAGE
Description:	Confirmation soil sampling
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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[5]Sr: Sample Results 5

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[6]Qc: Quality Control Summary 6

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Volatile Organic Compounds (GC/MS) by Method 8260B 7

[7]Gl: Glossary of Terms 8

[8]Al: Accreditations & Locations 9

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CS-7 L867591-01 Solid

Collected by: Adam Gaines
Collected date/time: 10/17/16 15:02
Received date/time: 10/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG919773	1	10/22/16 10:09	10/22/16 10:23	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920053	1	10/17/16 15:02	10/25/16 04:02	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.2		1	10/22/2016 10:23	WG919773

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00126	J	0.000369	0.00137	1	10/25/2016 04:02	WG920053
Ethylbenzene	0.00133	J	0.000406	0.00137	1	10/25/2016 04:02	WG920053
Isopropylbenzene	0.00146		0.000332	0.00137	1	10/25/2016 04:02	WG920053
Methyl tert-butyl ether	0.000483	J	0.000290	0.00137	1	10/25/2016 04:02	WG920053
Naphthalene	0.00323	J	0.00137	0.00683	1	10/25/2016 04:02	WG920053
Toluene	0.00123	J	0.000593	0.00683	1	10/25/2016 04:02	WG920053
1,2,4-Trimethylbenzene	0.00122	J	0.000288	0.00137	1	10/25/2016 04:02	WG920053
1,3,5-Trimethylbenzene	0.000584	J	0.000363	0.00137	1	10/25/2016 04:02	WG920053
Xylenes, Total	0.00171	J	0.000953	0.00410	1	10/25/2016 04:02	WG920053
(S) Toluene-d8	*106*			*88.7-115*		*10/25/2016 04:02*	WG920053
(S) Dibromofluoromethane	*106*			*76.3-123*		*10/25/2016 04:02*	WG920053
(S) 4-Bromofluorobenzene	*91.4*			*69.7-129*		*10/25/2016 04:02*	WG920053

Method Blank (MB)

(MB) R3172705-1 10/22/16 10:23

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000400			

L867601-01 Original Sample (OS) • Duplicate (DUP)

(OS) L867601-01 10/22/16 10:23 • (DUP) R3172705-3 10/22/16 10:23

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.0	82.6	1	0.455		5

Laboratory Control Sample (LCS)

(LCS) R3172705-2 10/22/16 10:23

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3173594-3 10/24/16 22:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*107*			*88.7-115*
(S) Dibromofluoromethane	*102*			*76.3-123*
(S) 4-Bromofluorobenzene	*91.8*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3173594-1 10/24/16 20:00 • (LCSD) R3173594-2 10/24/16 21:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0288	0.0283	115	113	72.6-120			1.93	20
Ethylbenzene	0.0250	0.0247	0.0236	98.8	94.2	78.6-124			4.78	20
Isopropylbenzene	0.0250	0.0250	0.0239	100	95.5	79.4-126			4.62	20
Methyl tert-butyl ether	0.0250	0.0266	0.0268	106	107	70.2-122			0.680	20
Naphthalene	0.0250	0.0255	0.0262	102	105	69.9-132			2.88	20
Toluene	0.0250	0.0277	0.0270	111	108	76.7-116			2.47	20
1,2,4-Trimethylbenzene	0.0250	0.0247	0.0231	98.8	92.4	77.1-124			6.65	20
1,3,5-Trimethylbenzene	0.0250	0.0248	0.0231	99.0	92.5	79.0-125			6.86	20
Xylenes, Total	0.0750	0.0763	0.0712	102	95.0	78.1-123			6.83	20
(S) Toluene-d8				*108*	*106*	*88.7-115*				
(S) Dibromofluoromethane				*99.3*	*99.4*	*76.3-123*				
(S) 4-Bromofluorobenzene				*89.6*	*85.7*	*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

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Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

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A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

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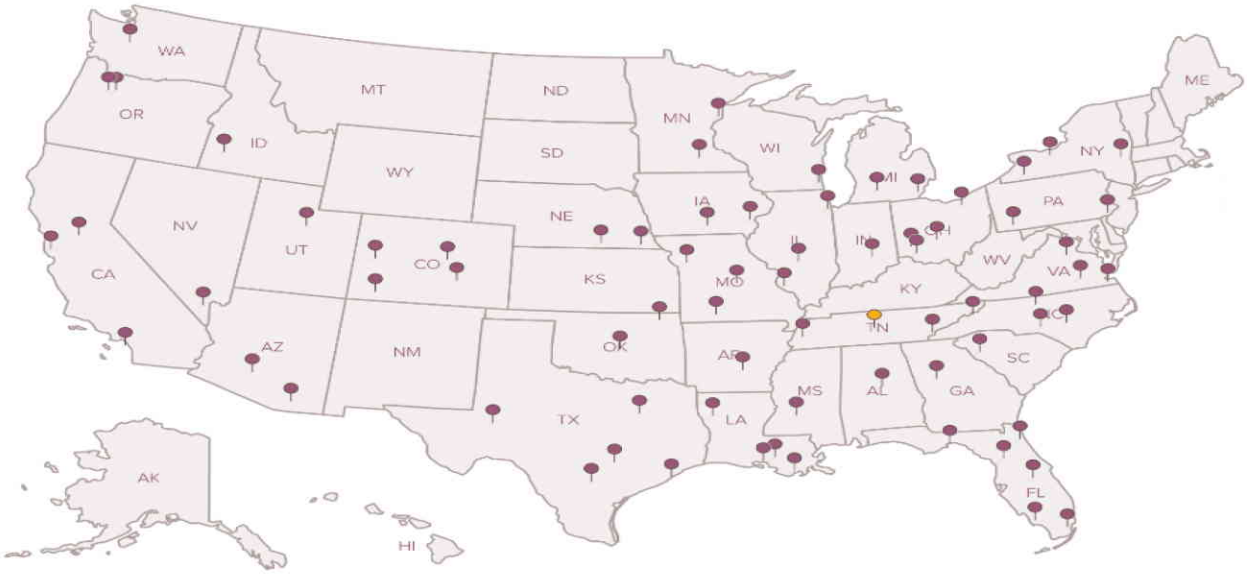

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Confirmatory Soil Sampling

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM OAKES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y X

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 VOA	Total Solids
CS-7	Grab	SS		10/17/16	1502	5	X	X

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

A247

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Remarks/Contaminant	Sample # (lab only)
	867591-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Flow _____ Other _____

Remarks: D1 PRIORITY

Lab 0347568192

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Kristen K. Kelly	10/20/16	1343	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 2.8

Bottles Received: 5

Date: 10.21.16

Time: 0900

Condition: NCF9 (lab use only) a

COC Seal Present/Intact: COC Signed/Accurate:

pH Checked: NCF:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client:	Insite	SDG#	367591
Cooler Received/Opened On:	10/21/16	Temperature Upon Receipt:	2.8 °c
Received By:	Nikki Farmer		
Signature:			

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?			✓
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			
If applicable, was an observable VOA headspace present?			✓
Non Conformance Generated. (If yes see attached NCF)			

ATTACHMENT F

ANALYTICAL REPORT

September 26, 2016

Insite Group

Sample Delivery Group:	L860340
Samples Received:	09/17/2016
Project Number:	VALLEY VILLAGE
Description:	Reuse Soil (1)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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[9]Sc: Chain of Custody 12

REUSE 1 L860340-01 Solid

Collected by: Adam Gaines
Collected date/time: 09/14/16 13:18
Received date/time: 09/17/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG909335	1	09/20/16 09:36	09/20/16 09:49	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG910443	1	09/24/16 14:35	09/24/16 21:12	JHH

REUSE 1 L860340-02 Solid

Collected by: Adam Gaines
Collected date/time: 09/14/16 16:30
Received date/time: 09/17/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG909335	1	09/20/16 09:36	09/20/16 09:49	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG910443	1	09/24/16 14:35	09/24/16 21:32	JHH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.2		1	09/20/2016 09:49	WG909335

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0221	J6	0.000303	0.00112	1	09/24/2016 21:12	WG910443
Ethylbenzene	0.00824	J6	0.000333	0.00112	1	09/24/2016 21:12	WG910443
Isopropylbenzene	0.000793	J	0.000272	0.00112	1	09/24/2016 21:12	WG910443
Methyl tert-butyl ether	0.00137		0.000238	0.00112	1	09/24/2016 21:12	WG910443
Naphthalene	0.00331	J	0.00112	0.00560	1	09/24/2016 21:12	WG910443
Toluene	0.0188	J6	0.000486	0.00560	1	09/24/2016 21:12	WG910443
1,2,4-Trimethylbenzene	0.00765		0.000237	0.00112	1	09/24/2016 21:12	WG910443
1,3,5-Trimethylbenzene	0.00270		0.000298	0.00112	1	09/24/2016 21:12	WG910443
Xylenes, Total	0.0207		0.000782	0.00336	1	09/24/2016 21:12	WG910443
(S) Toluene-d8	*108*			*88.7-115*		*09/24/2016 21:12*	WG910443
(S) Dibromofluoromethane	*115*			*76.3-123*		*09/24/2016 21:12*	WG910443
(S) 4-Bromofluorobenzene	*98.3*			*69.7-129*		*09/24/2016 21:12*	WG910443

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.9		1	09/20/2016 09:49	WG909335

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0125		0.000294	0.00109	1	09/24/2016 21:32	WG910443
Ethylbenzene	0.000387	J	0.000323	0.00109	1	09/24/2016 21:32	WG910443
Isopropylbenzene	U		0.000264	0.00109	1	09/24/2016 21:32	WG910443
Methyl tert-butyl ether	U		0.000231	0.00109	1	09/24/2016 21:32	WG910443
Naphthalene	0.00184	J	0.00109	0.00544	1	09/24/2016 21:32	WG910443
Toluene	0.00193	J	0.000472	0.00544	1	09/24/2016 21:32	WG910443
1,2,4-Trimethylbenzene	0.000601	J	0.000230	0.00109	1	09/24/2016 21:32	WG910443
1,3,5-Trimethylbenzene	U		0.000289	0.00109	1	09/24/2016 21:32	WG910443
Xylenes, Total	0.00202	J	0.000759	0.00326	1	09/24/2016 21:32	WG910443
(S) Toluene-d8	*109*			*88.7-115*		*09/24/2016 21:32*	WG910443
(S) Dibromofluoromethane	*117*			*76.3-123*		*09/24/2016 21:32*	WG910443
(S) 4-Bromofluorobenzene	*107*			*69.7-129*		*09/24/2016 21:32*	WG910443

Method Blank (MB)

(MB) R3164924-1 09/20/16 09:49

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000300			

L860341-01 Original Sample (OS) • Duplicate (DUP)

(OS) L860341-01 09/20/16 09:49 • (DUP) R3164924-3 09/20/16 09:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	82.9	80.1	1	3.35		5

Laboratory Control Sample (LCS)

(LCS) R3164924-2 09/20/16 09:49

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3165956-3 09/24/16 14:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*105*			*88.7-115*
(S) Dibromofluoromethane	*106*			*76.3-123*
(S) 4-Bromofluorobenzene	*99.8*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3165956-1 09/24/16 12:43 • (LCSD) R3165956-2 09/24/16 13:04

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0226	0.0246	90.5	98.5	72.6-120			8.42	20
Ethylbenzene	0.0250	0.0210	0.0232	84.1	92.7	78.6-124			9.74	20
Isopropylbenzene	0.0250	0.0205	0.0227	82.0	90.6	79.4-126			10.0	20
Methyl tert-butyl ether	0.0250	0.0220	0.0225	87.9	90.0	70.2-122			2.38	20
Naphthalene	0.0250	0.0220	0.0208	87.8	83.3	69.9-132			5.35	20
Toluene	0.0250	0.0206	0.0219	82.3	87.5	76.7-116			6.09	20
1,2,4-Trimethylbenzene	0.0250	0.0204	0.0222	81.6	88.8	77.1-124			8.48	20
1,3,5-Trimethylbenzene	0.0250	0.0206	0.0228	82.4	91.1	79.0-125			9.95	20
Xylenes, Total	0.0750	0.0619	0.0687	82.5	91.5	78.1-123			10.3	20
(S) Toluene-d8				*107*	*107*	*88.7-115*				
(S) Dibromofluoromethane				*108*	*108*	*76.3-123*				
(S) 4-Bromofluorobenzene				*96.9*	*102*	*69.7-129*				

L860340-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L860340-01 09/24/16 21:12 • (MS) R3165956-4 09/24/16 15:08 • (MSD) R3165956-5 09/24/16 15:28

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0280	0.0221	0.0248	0.0239	9.35	6.41	1	47.8-131	J6	J6	3.39	22.8
Ethylbenzene	0.0280	0.00824	0.0202	0.0195	42.6	40.2	1	44.8-135	J6	J6	3.36	26.9

L860340-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L860340-01 09/24/16 21:12 • (MS) R3165956-4 09/24/16 15:08 • (MSD) R3165956-5 09/24/16 15:28

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.0280	0.000793	0.0186	0.0176	63.7	60.0	1	41.9-139			5.59	29.3
Methyl tert-butyl ether	0.0280	0.00137	0.0262	0.0252	88.5	85.1	1	50.4-131			3.69	24.8
Naphthalene	0.0280	0.00331	0.0193	0.0183	57.0	53.7	1	18.4-145			5.03	34
Toluene	0.0280	0.0188	0.0215	0.0210	9.78	8.05	1	47.8-127	J6	J6	2.28	24.3
1,2,4-Trimethylbenzene	0.0280	0.00765	0.0191	0.0182	40.7	37.7	1	32.9-139			4.55	30.6
1,3,5-Trimethylbenzene	0.0280	0.00270	0.0186	0.0174	56.6	52.6	1	37.1-138			6.22	30.6
Xylenes, Total	0.0841	0.0207	0.0614	0.0592	48.5	45.8	1	42.7-135			3.76	26.6
(S) Toluene-d8					*107*	*108*		*88.7-115*				
(S) Dibromofluoromethane					*108*	*109*		*76.3-123*				
(S) 4-Bromofluorobenzene					*92.4*	*96.7*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

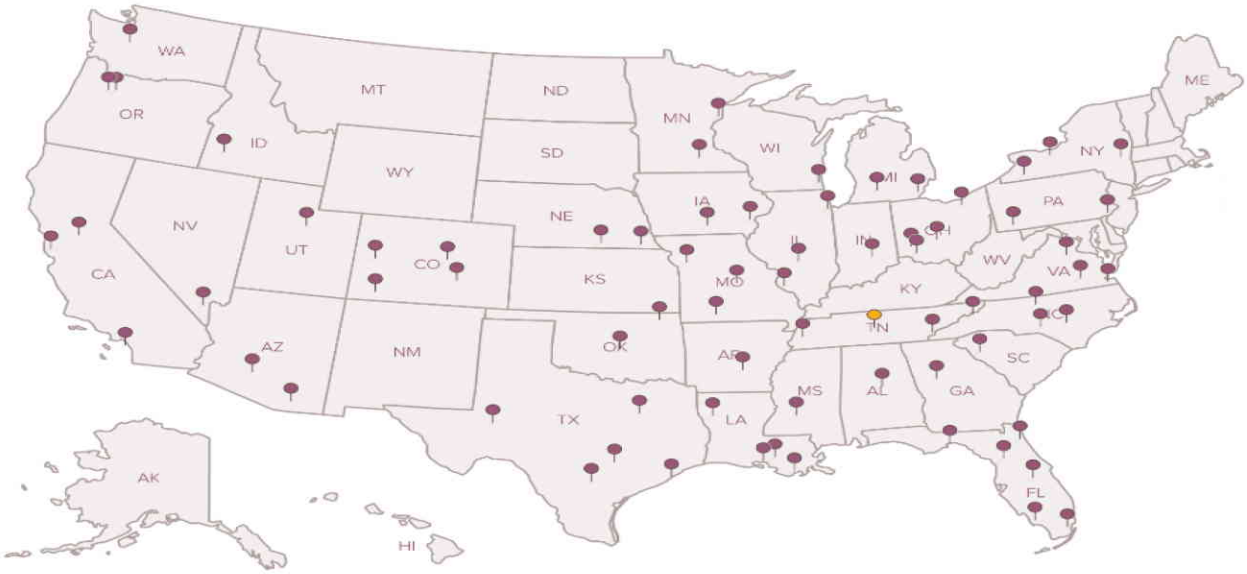
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano
Email to: lab@insitegroup.org

Project Description: Reuse Soil (1)
City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE
ESC Key: INSITE080614S

Collected by: ADAM CALVES
Site/Facility ID#: 03-06500
P.O.#:

Collected by (signature):
Packed on Ice N Y X

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 UGRA	Total Solids	Remarks/Contaminant	Sample # (lab only)
Reuse 1	Comp	SS		9/14/16	1318	5	X	X		860340-01
Reuse 2	Comp	SS		9/14/16	1630	5	X	X		02

Analysis/Container/Preservative

Chain of Custody Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

H217

CoCode (lab use only)
Template/Prelogin
Shipped Via:

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH ____ Temp ____
Flow ____ Other ____

Remarks: D1 PRIORITY

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Kristin Kelley	9/16/16	1448			a OK w/ cccs2
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7 / Bottles Received: 10	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Grey Dawn	Date: 9-17-16 / Time: 0900	pH Checked: / NCF:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client:	INSITE INSITE	SDG#	86034o
Cooler Received/Opened On:	4-17-14	Temperature Upon Receipt:	2.7 °c
Received By:	Greg Dearman		
Signature:	Greg Dearman		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?			✓
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

September 29, 2016

Insite Group

Sample Delivery Group:	L860795
Samples Received:	09/21/2016
Project Number:	VALLEY VILLAGE
Description:	Reuse Soil 2
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REUSE 3 L860795-01 Solid

Collected by: Adam Gaines
Collected date/time: 09/19/16 10:39
Received date/time: 09/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG910165	1	09/22/16 08:40	09/22/16 08:50	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG912070	1	09/29/16 00:02	09/29/16 05:51	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG912070	17.75	09/29/16 00:02	09/29/16 11:04	JHH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.4		1	09/22/2016 08:50	WG910165

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	2.35		0.00581	0.0215	17.75	09/29/2016 11:04	WG912070
Ethylbenzene	0.0267		0.000360	0.00121	1	09/29/2016 05:51	WG912070
Isopropylbenzene	0.00194		0.000295	0.00121	1	09/29/2016 05:51	WG912070
Methyl tert-butyl ether	0.000491	J	0.000257	0.00121	1	09/29/2016 05:51	WG912070
Naphthalene	0.00354	J	0.00121	0.00607	1	09/29/2016 05:51	WG912070
Toluene	0.0762		0.000527	0.00607	1	09/29/2016 05:51	WG912070
1,2,4-Trimethylbenzene	0.0246		0.000256	0.00121	1	09/29/2016 05:51	WG912070
1,3,5-Trimethylbenzene	0.00807		0.000323	0.00121	1	09/29/2016 05:51	WG912070
Xylenes, Total	0.0842		0.000847	0.00364	1	09/29/2016 05:51	WG912070
(S) Toluene-d8	*104*			*88.7-115*		*09/29/2016 05:51*	WG912070
(S) Toluene-d8	*107*			*88.7-115*		*09/29/2016 11:04*	WG912070
(S) Dibromofluoromethane	*93.0*			*76.3-123*		*09/29/2016 11:04*	WG912070
(S) Dibromofluoromethane	*98.9*			*76.3-123*		*09/29/2016 05:51*	WG912070
(S) 4-Bromofluorobenzene	*89.0*			*69.7-129*		*09/29/2016 05:51*	WG912070
(S) 4-Bromofluorobenzene	*92.6*			*69.7-129*		*09/29/2016 11:04*	WG912070

Method Blank (MB)

(MB) R3165571-1 09/22/16 08:50

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000100			

L860842-04 Original Sample (OS) • Duplicate (DUP)

(OS) L860842-04 09/22/16 08:50 • (DUP) R3165571-3 09/22/16 08:50

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.3	79.4	1	1.20		5

Laboratory Control Sample (LCS)

(LCS) R3165571-2 09/22/16 08:50

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3166951-3 09/29/16 02:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*105*			*88.7-115*
(S) Dibromofluoromethane	*97.6*			*76.3-123*
(S) 4-Bromofluorobenzene	*91.1*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3166951-1 09/29/16 00:59 • (LCSD) R3166951-2 09/29/16 01:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0227	0.0246	90.9	98.4	72.6-120			7.93	20
Ethylbenzene	0.0250	0.0211	0.0228	84.3	91.4	78.6-124			8.06	20
Isopropylbenzene	0.0250	0.0209	0.0234	83.8	93.6	79.4-126			11.1	20
Methyl tert-butyl ether	0.0250	0.0217	0.0231	86.7	92.3	70.2-122			6.21	20
Naphthalene	0.0250	0.0226	0.0242	90.6	96.7	69.9-132			6.48	20
Toluene	0.0250	0.0225	0.0244	90.1	97.5	76.7-116			7.84	20
1,2,4-Trimethylbenzene	0.0250	0.0204	0.0222	81.7	88.9	77.1-124			8.55	20
1,3,5-Trimethylbenzene	0.0250	0.0203	0.0221	81.0	88.6	79.0-125			8.90	20
Xylenes, Total	0.0750	0.0644	0.0702	85.8	93.5	78.1-123			8.62	20
(S) Toluene-d8				*106*	*105*	*88.7-115*				
(S) Dibromofluoromethane				*96.2*	*96.8*	*76.3-123*				
(S) 4-Bromofluorobenzene				*88.4*	*89.9*	*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
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State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

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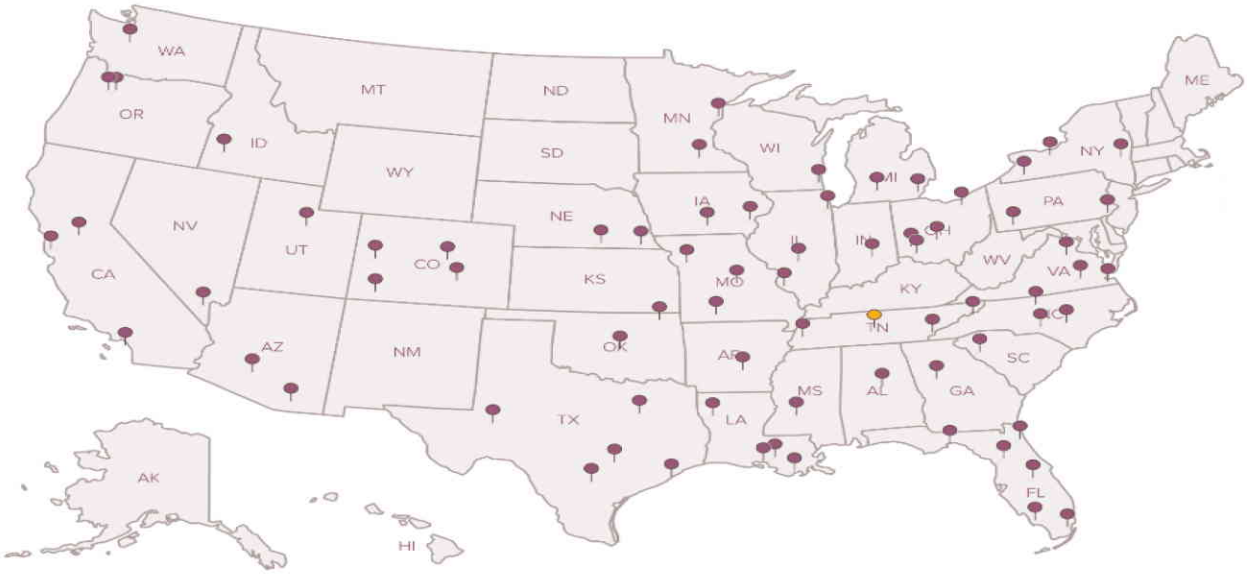

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Reuse Soil (2)

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM GAINES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8270D UCPA	Total solids							Remarks/Contaminant	Sample # (lab only)
Reuse 3	Comp	SS		9/8/16	1039	5	X	X								L860795-01

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

G209

CoCode (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.9 / Bottles Received: 5	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-20-16 / Time: 9:00	pH Checked: / NCF:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# L860795
Cooler Received/Opened On: **9/21/16**	Temperature Upon Receipt: 2.9 °c
Received By: **Rickey Mosley**	
Signature: Rickey Mosley	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 09, 2016

Insite Group

Sample Delivery Group:	L863032
Samples Received:	09/30/2016
Project Number:	VALLEY VILLAGE
Description:	Reuse Soil (3)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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[6]Qc: Quality Control Summary 6

Total Solids by Method 2540 G-2011 6

Volatile Organic Compounds (GC/MS) by Method 8260B 7

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REUSE 4 L863032-01 Solid

Collected by: Adam Gaines
Collected date/time: 09/27/16 12:49
Received date/time: 09/30/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG913611	1	10/04/16 08:56	10/04/16 09:07	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG914481	1	10/07/16 21:00	10/08/16 11:56	DWR

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.7		1	10/04/2016 09:07	WG913611

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00408		0.000315	0.00117	1	10/08/2016 11:56	WG914481
Ethylbenzene	0.000478	J	0.000347	0.00117	1	10/08/2016 11:56	WG914481
Isopropylbenzene	U		0.000284	0.00117	1	10/08/2016 11:56	WG914481
Methyl tert-butyl ether	0.0464		0.000247	0.00117	1	10/08/2016 11:56	WG914481
Naphthalene	U		0.00117	0.00584	1	10/08/2016 11:56	WG914481
Toluene	0.000702	J	0.000507	0.00584	1	10/08/2016 11:56	WG914481
1,2,4-Trimethylbenzene	0.000444	J	0.000246	0.00117	1	10/08/2016 11:56	WG914481
1,3,5-Trimethylbenzene	U		0.000310	0.00117	1	10/08/2016 11:56	WG914481
Xylenes, Total	0.000972	J	0.000815	0.00350	1	10/08/2016 11:56	WG914481
(S) Toluene-d8	*102*			*88.7-115*		*10/08/2016 11:56*	WG914481
(S) Dibromofluoromethane	*99.8*			*76.3-123*		*10/08/2016 11:56*	WG914481
(S) 4-Bromofluorobenzene	*100*			*69.7-129*		*10/08/2016 11:56*	WG914481

Method Blank (MB)

(MB) R3168192-1 10/04/16 09:07

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000900			

L863017-14 Original Sample (OS) • Duplicate (DUP)

(OS) L863017-14 10/04/16 09:07 • (DUP) R3168192-3 10/04/16 09:07

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.0	84.7	1	0.370		5

Laboratory Control Sample (LCS)

(LCS) R3168192-2 10/04/16 09:07

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3169163-3 10/08/16 02:17

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*102*			*88.7-115*
(S) Dibromofluoromethane	*100*			*76.3-123*
(S) 4-Bromofluorobenzene	*104*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3169163-1 10/08/16 00:54 • (LCSD) R3169163-2 10/08/16 01:15

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0230	0.0235	91.8	94.2	72.6-120			2.55	20
Ethylbenzene	0.0250	0.0226	0.0232	90.4	92.8	78.6-124			2.66	20
Isopropylbenzene	0.0250	0.0230	0.0235	92.0	93.9	79.4-126			2.03	20
Methyl tert-butyl ether	0.0250	0.0244	0.0233	97.4	93.3	70.2-122			4.29	20
Naphthalene	0.0250	0.0228	0.0225	91.2	90.1	69.9-132			1.13	20
Toluene	0.0250	0.0223	0.0233	89.3	93.3	76.7-116			4.36	20
1,2,4-Trimethylbenzene	0.0250	0.0225	0.0227	89.9	90.8	77.1-124			0.940	20
1,3,5-Trimethylbenzene	0.0250	0.0230	0.0233	92.0	93.2	79.0-125			1.30	20
Xylenes, Total	0.0750	0.0679	0.0693	90.6	92.4	78.1-123			2.01	20
(S) Toluene-d8				*103*	*103*	*88.7-115*				
(S) Dibromofluoromethane				*102*	*99.4*	*76.3-123*				
(S) 4-Bromofluorobenzene				*102*	*99.4*	*69.7-129*				

L862687-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L862687-09 10/08/16 06:06 • (MS) R3169163-4 10/08/16 04:04 • (MSD) R3169163-5 10/08/16 04:24

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0250	U	0.0218	0.0211	87.4	84.2	1	47.8-131			3.69	22.8
Ethylbenzene	0.0250	U	0.0194	0.0182	77.4	73.0	1	44.8-135			5.95	26.9
Isopropylbenzene	0.0250	U	0.0190	0.0177	75.8	70.9	1	41.9-139			6.75	29.3

L862687-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L862687-09 10/08/16 06:06 • (MS) R3169163-4 10/08/16 04:04 • (MSD) R3169163-5 10/08/16 04:24

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	0.0250	U	0.0232	0.0248	93.0	99.1	1	50.4-131			6.42	24.8
Naphthalene	0.0250	U	0.0210	0.0218	84.0	87.1	1	18.4-145			3.63	34
Toluene	0.0250	U	0.0208	0.0200	83.1	79.9	1	47.8-127			3.89	24.3
1,2,4-Trimethylbenzene	0.0250	U	0.0185	0.0173	74.1	69.2	1	32.9-139			6.85	30.6
1,3,5-Trimethylbenzene	0.0250	U	0.0188	0.0174	75.1	69.5	1	37.1-138			7.63	30.6
Xylenes, Total	0.0750	U	0.0577	0.0551	77.0	73.5	1	42.7-135			4.63	26.6
(S) Toluene-d8					*102*	*102*		*88.7-115*				
(S) Dibromofluoromethane					*103*	*103*		*76.3-123*				
(S) 4-Bromofluorobenzene					*97.6*	*97.2*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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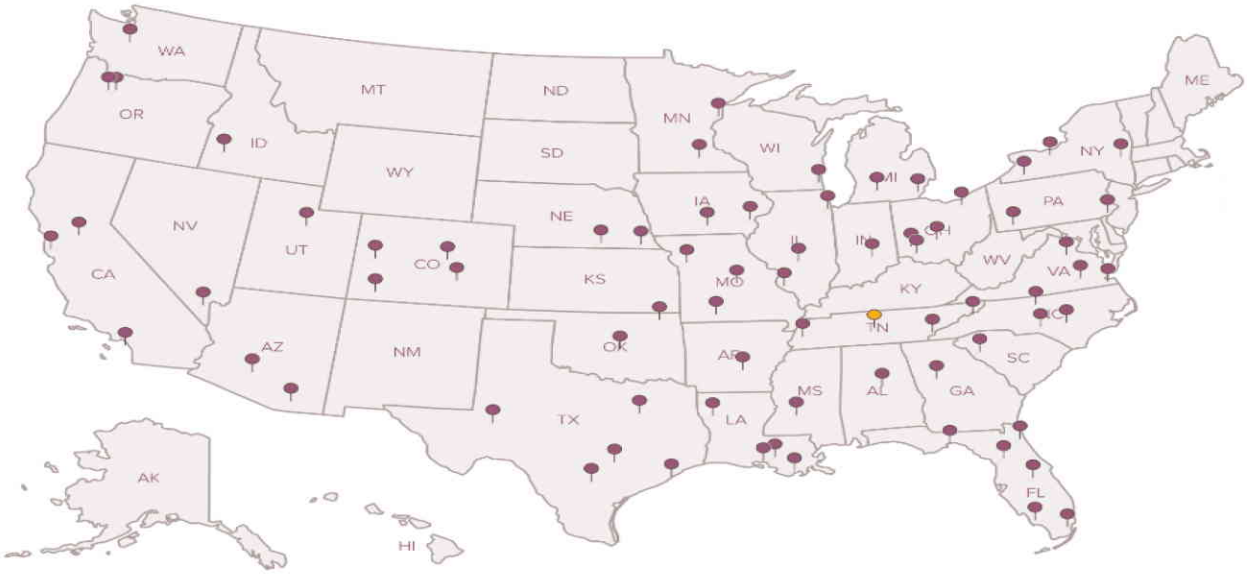

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Reuse Soil (3)

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM GAINES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 VOPH	Total Solids	Remarks/Contaminant	Sample # (lab only)
Reuse 4	Comp	SS		9/27/16	1249	5	X	X		-01

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode: L863032 (lab use only)

Template/Prelogin

Shipped Via: G153

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks: D1 PRIORITY

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Kristin Kelley	9/29/16	1414	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Kelsey Morley

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 5.3 Bottles Received: 5

Date: 9-30-16 Time: 09:00

Condition: OK (lab use only)

COC's. X

pH Checked: NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG#	L863032
Cooler Received/Opened On: 9/30/16	Temperature Upon Receipt:	2.3 °c
Received By: Rickey Mosley		
Signature: Rickey Mosley		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 18, 2016

Insite Group

Sample Delivery Group:	L864754
Samples Received:	10/07/2016
Project Number:	VALLEY VILLAGE
Description:	Reuse Soil (5)
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

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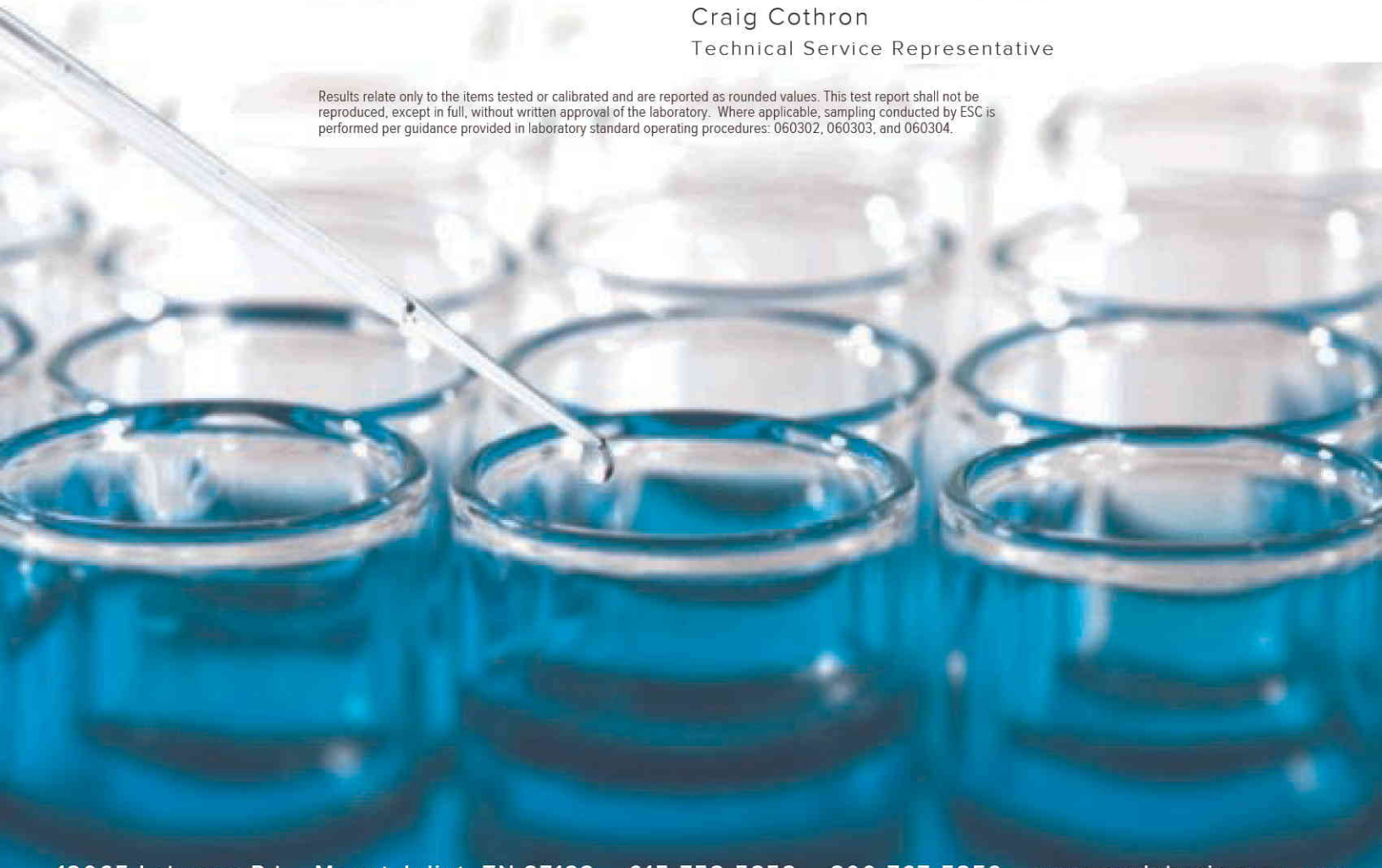

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Volatile Organic Compounds (GC/MS) by Method 8260B 7

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[8]Al: Accreditations & Locations 10

[9]Sc: Chain of Custody 11

REUSE 7 L864754-01 Solid

Collected by: Adam Gaines
Collected date/time: 10/06/16 10:54
Received date/time: 10/07/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG915677	1	10/10/16 10:52	10/10/16 11:00	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG916700	1	10/06/16 10:54	10/14/16 19:27	JAH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.8		1	10/10/2016 11:00	WG915677

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0190		0.000347	0.00129	1	10/14/2016 19:27	WG916700
Ethylbenzene	0.00837		0.000382	0.00129	1	10/14/2016 19:27	WG916700
Isopropylbenzene	0.00379		0.000312	0.00129	1	10/14/2016 19:27	WG916700
Methyl tert-butyl ether	0.000784	J	0.000273	0.00129	1	10/14/2016 19:27	WG916700
Naphthalene	0.00183	J	0.00129	0.00643	1	10/14/2016 19:27	WG916700
Toluene	0.00178	J	0.000558	0.00643	1	10/14/2016 19:27	WG916700
1,2,4-Trimethylbenzene	0.00472		0.000271	0.00129	1	10/14/2016 19:27	WG916700
1,3,5-Trimethylbenzene	0.00118	J	0.000342	0.00129	1	10/14/2016 19:27	WG916700
Xylenes, Total	0.00938		0.000897	0.00386	1	10/14/2016 19:27	WG916700
(S) Toluene-d8	*108*			*88.7-115*		*10/14/2016 19:27*	WG916700
(S) Dibromofluoromethane	*105*			*76.3-123*		*10/14/2016 19:27*	WG916700
(S) 4-Bromofluorobenzene	*91.0*			*69.7-129*		*10/14/2016 19:27*	WG916700

Method Blank (MB)

(MB) R3169528-1 10/10/16 11:00

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00110			

L864754-01 Original Sample (OS) • Duplicate (DUP)

(OS) L864754-01 10/10/16 11:00 • (DUP) R3169528-3 10/10/16 11:00

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	77.8	77.6	1	0.231		5

Laboratory Control Sample (LCS)

(LCS) R3169528-2 10/10/16 11:00

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3170705-3 10/14/16 10:16

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*106*			*88.7-115*
(S) Dibromofluoromethane	*104*			*76.3-123*
(S) 4-Bromofluorobenzene	*88.1*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3170705-1 10/14/16 09:00 • (LCSD) R3170705-2 10/14/16 09:19

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0258	0.0271	103	108	72.6-120			4.84	20
Ethylbenzene	0.0250	0.0214	0.0222	85.6	88.8	78.6-124			3.74	20
Isopropylbenzene	0.0250	0.0215	0.0222	85.9	89.0	79.4-126			3.47	20
Methyl tert-butyl ether	0.0250	0.0233	0.0248	93.1	99.4	70.2-122			6.55	20
Naphthalene	0.0250	0.0228	0.0243	91.1	97.2	69.9-132			6.41	20
Toluene	0.0250	0.0239	0.0252	95.6	101	76.7-116			5.45	20
1,2,4-Trimethylbenzene	0.0250	0.0214	0.0218	85.4	87.0	77.1-124			1.86	20
1,3,5-Trimethylbenzene	0.0250	0.0211	0.0215	84.4	85.9	79.0-125			1.69	20
Xylenes, Total	0.0750	0.0652	0.0673	86.9	89.7	78.1-123			3.21	20
(S) Toluene-d8				*106*	*108*	*88.7-115*				
(S) Dibromofluoromethane				*101*	*102*	*76.3-123*				
(S) 4-Bromofluorobenzene				*88.4*	*88.3*	*69.7-129*				

L864437-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864437-02 10/14/16 14:52 • (MS) R3170705-4 10/14/16 15:11 • (MSD) R3170705-5 10/14/16 15:30

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0299	ND	0.0211	0.0168	70.6	56.0	1	47.8-131		J3	23.1	22.8
Ethylbenzene	0.0299	ND	0.0144	0.0115	48.2	38.4	1	44.8-135		J6	22.6	26.9

L864437-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864437-02 10/14/16 14:52 • (MS) R3170705-4 10/14/16 15:11 • (MSD) R3170705-5 10/14/16 15:30

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.0299	ND	0.0147	0.0113	49.0	37.8	1	41.9-139		J6	25.8	29.3
Methyl tert-butyl ether	0.0299	ND	0.0149	0.0117	49.9	39.0	1	50.4-131	J6	J6	24.6	24.8
Naphthalene	0.0299	ND	0.00858	0.00710	28.7	23.7	1	18.4-145			18.9	34
Toluene	0.0299	ND	0.0186	0.0147	62.2	49.2	1	47.8-127			23.3	24.3
1,2,4-Trimethylbenzene	0.0299	ND	0.0114	0.00870	38.0	29.1	1	32.9-139		J6	26.5	30.6
1,3,5-Trimethylbenzene	0.0299	ND	0.0122	0.00958	40.7	32.0	1	37.1-138		J6	23.8	30.6
Xylenes, Total	0.0898	ND	0.0415	0.0328	46.2	36.5	1	42.7-135		J6	23.6	26.6
(S) Toluene-d8					*107*	*108*		*88.7-115*				
(S) Dibromofluoromethane					*109*	*108*		*76.3-123*				
(S) 4-Bromofluorobenzene					*86.8*	*88.1*		*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

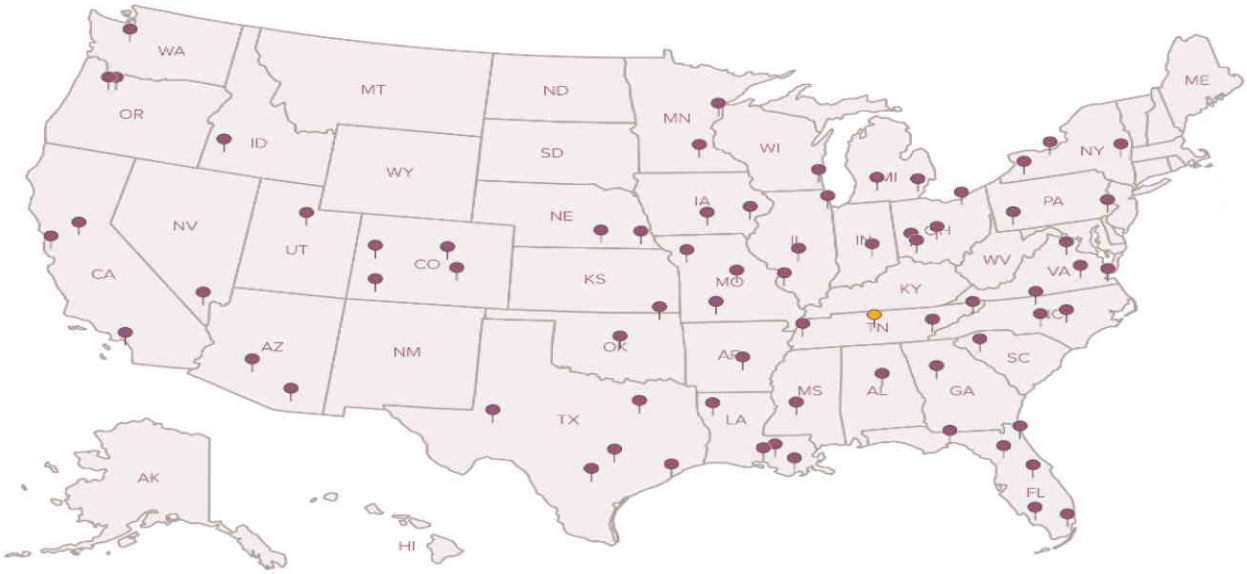
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Reuse Soil (5)

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: Adam Gavis

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day. 200%
____ Next Day. 100%
____ Two Day 50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260 UGPA	Total Solids	Remarks/Contaminant	Sample # (lab only)
Reuse 1	Comp	SS		10/6/16	1054	5	X	X		8364754-01

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

C063

CoCode (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
[signature]	10/6/16	1705			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1° / Bottles Received: 5	COC SE
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [Joseph K]	Date: 10-7-16 / Time: 0900	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG#	L964754
Cooler Received/Opened On: 10/7/16	Temperature Upon Receipt:	2.1 °c
Received By: Joseph Roberts		
Signature: Joseph R		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			
If applicable, was an observable VOA headspace present?			✓
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 21, 2016

Insite Group

Sample Delivery Group:	L866253
Samples Received:	10/14/2016
Project Number:	VALLEY VILLAGE
Description:	Reuse Soil
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REUSE 8 L866253-01 Solid

Collected by: Adam Gaines
Collected date/time: 10/10/16 14:48
Received date/time: 10/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG918114	1	10/18/16 09:57	10/18/16 10:17	KDW
Volatile Organic Compounds (GC/MS) by Method 8260B	WG918053	1	10/10/16 14:48	10/21/16 13:09	JHH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.4		1	10/18/2016 10:17	WG918114

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00118	J	0.000324	0.00120	1	10/21/2016 13:09	WG918053
Ethylbenzene	U		0.000356	0.00120	1	10/21/2016 13:09	WG918053
Isopropylbenzene	U		0.000291	0.00120	1	10/21/2016 13:09	WG918053
Methyl tert-butyl ether	U		0.000254	0.00120	1	10/21/2016 13:09	WG918053
Naphthalene	U		0.00120	0.00599	1	10/21/2016 13:09	WG918053
Toluene	0.00126	J	0.000520	0.00599	1	10/21/2016 13:09	WG918053
1,2,4-Trimethylbenzene	U		0.000253	0.00120	1	10/21/2016 13:09	WG918053
1,3,5-Trimethylbenzene	U		0.000319	0.00120	1	10/21/2016 13:09	WG918053
Xylenes, Total	0.00117	J	0.000837	0.00360	1	10/21/2016 13:09	WG918053
(S) Toluene-d8	*105*			*88.7-115*		*10/21/2016 13:09*	WG918053
(S) Dibromofluoromethane	*115*			*76.3-123*		*10/21/2016 13:09*	WG918053
(S) 4-Bromofluorobenzene	*108*			*69.7-129*		*10/21/2016 13:09*	WG918053

Method Blank (MB)

(MB) R3171527-1 10/18/16 10:17

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000200			

L866297-02 Original Sample (OS) • Duplicate (DUP)

(OS) L866297-02 10/18/16 10:17 • (DUP) R3171527-3 10/18/16 10:17

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.3	83.7	1	0.759		5

Laboratory Control Sample (LCS)

(LCS) R3171527-2 10/18/16 10:17

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3171703-4 10/19/16 10:49

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Isopropylbenzene	U		0.000243	0.00100
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
1,2,4-Trimethylbenzene	U		0.000211	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*103*			*88.7-115*
(S) Dibromofluoromethane	*90.2*			*76.3-123*
(S) 4-Bromofluorobenzene	*95.2*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3171703-1 10/19/16 07:51 • (LCSD) R3171703-2 10/19/16 09:11

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.0250	0.0222	0.0235	89.0	94.1	72.6-120			5.56	20
Ethylbenzene	0.0250	0.0250	0.0251	99.9	100	78.6-124			0.310	20
Isopropylbenzene	0.0250	0.0241	0.0245	96.4	97.9	79.4-126			1.63	20
Methyl tert-butyl ether	0.0250	0.0194	0.0196	77.8	78.3	70.2-122			0.680	20
Naphthalene	0.0250	0.0212	0.0218	85.0	87.4	69.9-132			2.78	20
Toluene	0.0250	0.0240	0.0243	96.1	97.2	76.7-116			1.22	20
1,2,4-Trimethylbenzene	0.0250	0.0244	0.0241	97.5	96.4	77.1-124			1.05	20
1,3,5-Trimethylbenzene	0.0250	0.0244	0.0249	97.5	99.7	79.0-125			2.23	20
Xylenes, Total	0.0750	0.0747	0.0745	99.6	99.3	78.1-123			0.260	20
(S) Toluene-d8				*103*	*103*	*88.7-115*				
(S) Dibromofluoromethane				*96.1*	*96.4*	*76.3-123*				
(S) 4-Bromofluorobenzene				*96.3*	*96.4*	*69.7-129*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

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State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

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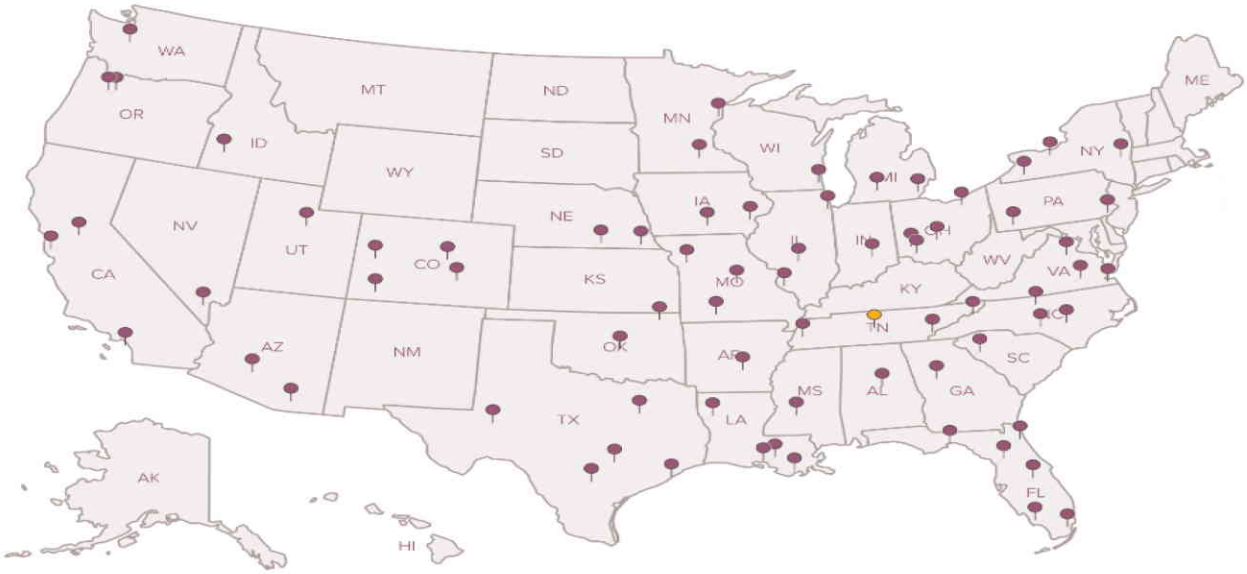


Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Reuse Soil

City/Sate Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM OWENS

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC 8260 UCLA	Total Solids	Remarks/Contaminant	Sample # (lab only)
Reuse 8	Comp	SS		10/10/16	1448	5	X	X		L861753-11

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode (lab use only)
Template/Prelogin G208
Shipped Vi

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
Kristin Kelly	10/13/16	1313			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.2 / Bottles Received: 5	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-14-16 / Time: 900	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# L866253
Cooler Received/Opened On: 10/4 /16 Receipt:	Temperature Upon 3.2 °c
Received By: **Rickey Mosley**	
Signature: Rickey Mosley	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ATTACHMENT G

ANALYTICAL REPORT

September 22, 2016

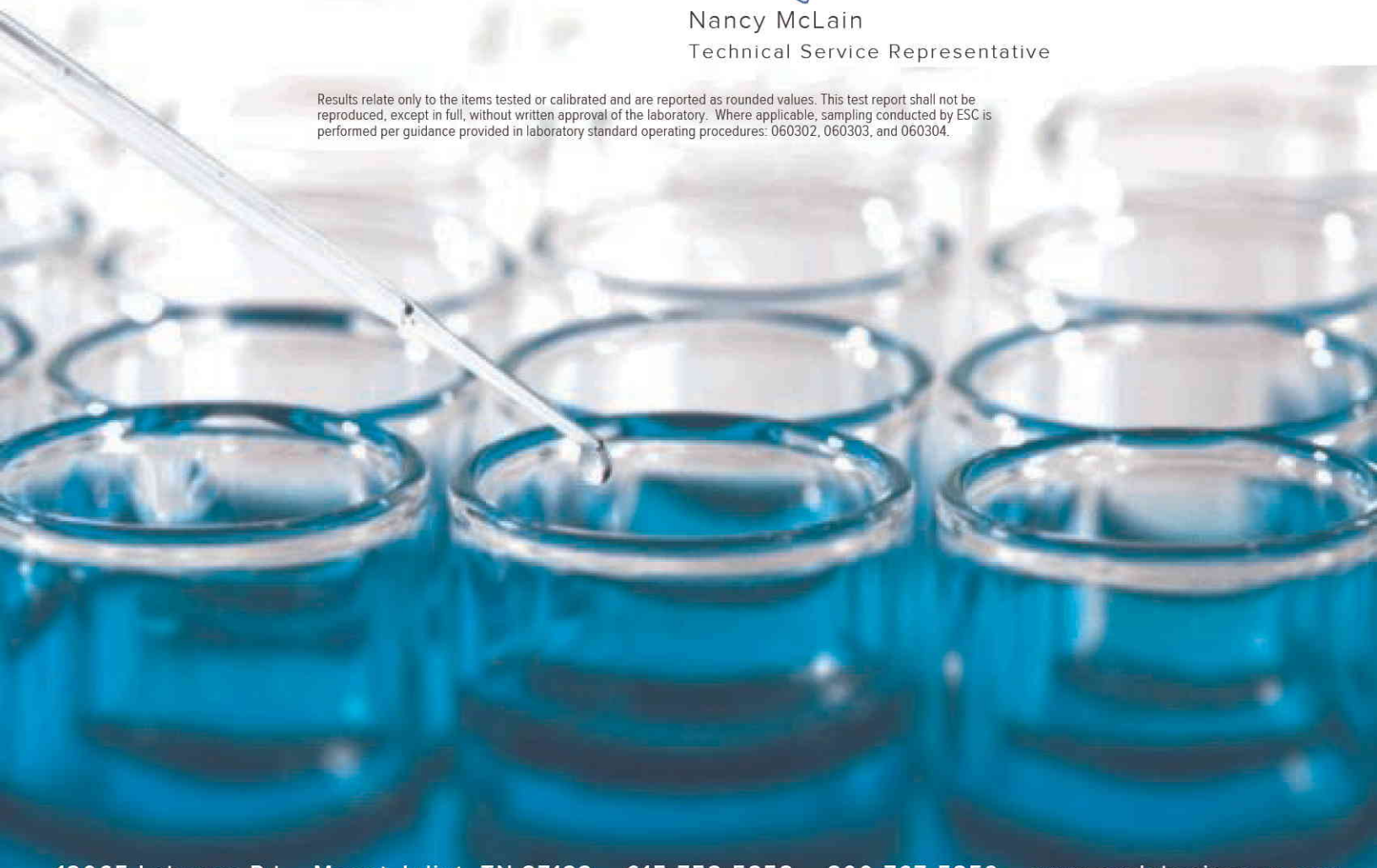
Insite Group

Sample Delivery Group:	L860776
Samples Received:	09/21/2016
Project Number:	VALLEY VILLAGE
Description:	Water
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Nancy McLain
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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[6]Qc: Quality Control Summary 6

Volatile Organic Compounds (GC/MS) by Method 8260B 6

[7]Gl: Glossary of Terms 8

[8]Al: Accreditations & Locations 9

[9]Sc: Chain of Custody 10

FRAC TANK L860776-01 GW

Collected by: Adam Gaines

Collected date/time: 09/20/16 09:58

Received date/time: 09/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG909796	5	09/22/16 10:05	09/22/16 10:05	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG909796	50	09/22/16 15:46	09/22/16 15:46	JHH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Nancy F. McLain

Nancy McLain
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	985		1.66	5.00	5	09/22/2016 10:05	WG909796
Ethylbenzene	9.27		1.92	5.00	5	09/22/2016 10:05	WG909796
Isopropylbenzene	2.59	J	1.63	5.00	5	09/22/2016 10:05	WG909796
Methyl tert-butyl ether	6.26		1.84	5.00	5	09/22/2016 10:05	WG909796
Naphthalene	94.0		5.00	25.0	5	09/22/2016 10:05	WG909796
Toluene	581		3.90	25.0	5	09/22/2016 10:05	WG909796
1,2,4-Trimethylbenzene	695		1.86	5.00	5	09/22/2016 10:05	WG909796
1,3,5-Trimethylbenzene	209		1.94	5.00	5	09/22/2016 10:05	WG909796
Xylenes, Total	3130		53.0	150	50	09/22/2016 15:46	WG909796
(S) Toluene-d8	*107*			*90.0-115*		*09/22/2016 15:46*	WG909796
(S) Toluene-d8	*107*			*90.0-115*		*09/22/2016 10:05*	WG909796
(S) Dibromofluoromethane	*96.1*			*79.0-121*		*09/22/2016 10:05*	WG909796
(S) Dibromofluoromethane	*97.6*			*79.0-121*		*09/22/2016 15:46*	WG909796
(S) 4-Bromofluorobenzene	*93.2*			*80.1-120*		*09/22/2016 15:46*	WG909796
(S) 4-Bromofluorobenzene	*91.6*			*80.1-120*		*09/22/2016 10:05*	WG909796

Method Blank (MB)

(MB) R3165434-5 09/22/16 06:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*107*			*90.0-115*
(S) Dibromofluoromethane	*101*			*79.0-121*
(S) 4-Bromofluorobenzene	*92.5*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3165434-1 09/22/16 03:49 • (LCSD) R3165434-2 09/22/16 04:08

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	28.6	29.2	114	117	73.0-122			2.08	20
Ethylbenzene	25.0	24.8	24.7	99.1	98.9	80.9-121			0.190	20
Isopropylbenzene	25.0	24.4	24.5	97.6	97.9	81.6-124			0.260	20
Methyl tert-butyl ether	25.0	25.1	26.4	100	106	70.1-125			5.17	20
Naphthalene	25.0	25.0	25.5	100	102	69.7-134			2.09	20
Toluene	25.0	27.3	27.1	109	108	77.9-116			0.510	20
1,2,4-Trimethylbenzene	25.0	24.1	24.1	96.3	96.2	79.0-122			0.0700	20
1,3,5-Trimethylbenzene	25.0	23.8	23.9	95.1	95.6	81.0-123			0.530	20
Xylenes, Total	75.0	75.2	74.8	100	99.8	79.2-122			0.520	20
(S) Toluene-d8				*106*	*108*	*90.0-115*				
(S) Dibromofluoromethane				*98.7*	*99.5*	*79.0-121*				
(S) 4-Bromofluorobenzene				*91.2*	*91.8*	*80.1-120*				

L859861-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L859861-02 09/22/16 07:35 • (MS) R3165434-6 09/22/16 10:43 • (MSD) R3165434-7 09/22/16 11:02

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Benzene	25.0	U	23.5	24.6	94.1	98.5	1	58.6-133			4.53	20
Ethylbenzene	25.0	U	20.4	21.1	81.5	84.6	1	62.7-136			3.70	20
Isopropylbenzene	25.0	U	20.2	21.0	80.9	83.9	1	67.4-136			3.69	20

L859861-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L859861-02 09/22/16 07:35 • (MS) R3165434-6 09/22/16 10:43 • (MSD) R3165434-7 09/22/16 11:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	25.0	U	24.0	24.6	96.2	98.4	1	61.4-136			2.25	20
Naphthalene	25.0	U	23.6	25.1	94.5	100	1	61.8-143			5.99	20
Toluene	25.0	U	22.5	23.6	90.2	94.5	1	67.8-124			4.70	20
1,2,4-Trimethylbenzene	25.0	U	20.5	21.3	81.9	85.3	1	60.5-137			4.05	20
1,3,5-Trimethylbenzene	25.0	U	19.7	20.5	78.9	81.8	1	67.9-134			3.65	20
Xylenes, Total	75.0	U	62.9	65.1	83.9	86.9	1	65.6-133			3.47	20
(S) Toluene-d8					*106*	*106*		*90.0-115*				
(S) Dibromofluoromethane					*98.5*	*99.5*		*79.0-121*				
(S) 4-Bromofluorobenzene					*91.0*	*92.0*		*80.1-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
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Indiana	C-TN-01	Pennsylvania	68-02979
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EPA–Crypto	TN00003		

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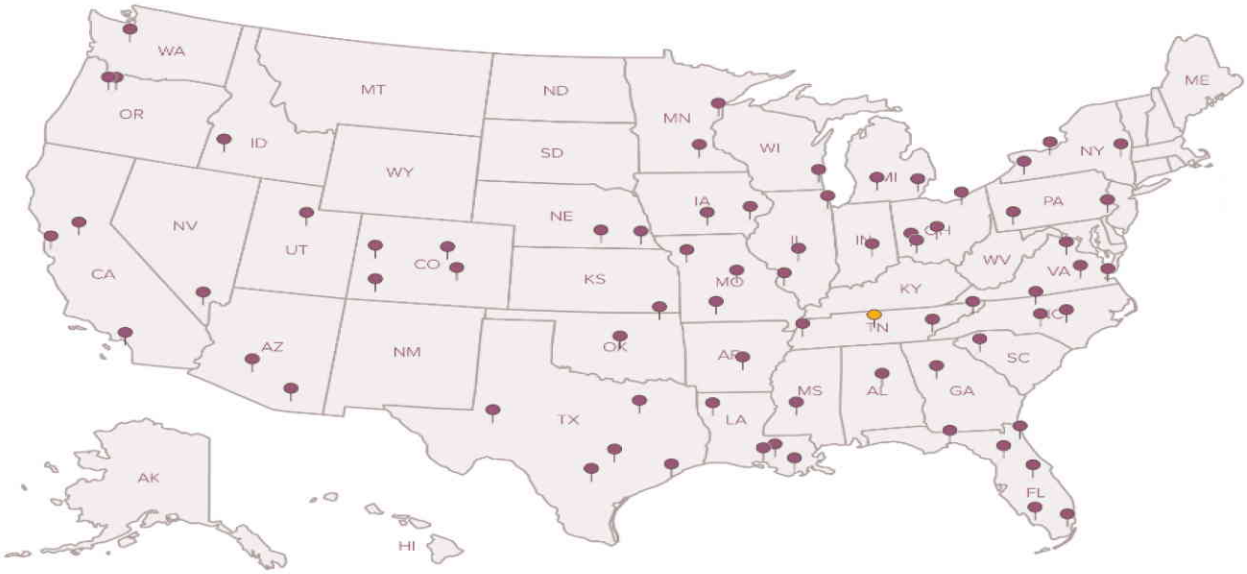

Chain of Custody

Page 1 of 1

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Water

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: Adam Comes

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day 50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative: 8260 VOA

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs		Remarks/Contaminant	Sample # (lab only)
Frac Tank	Grab	GW		9/20/16	0958	2	X		L860776-01

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

G207

CoCode (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks: D1 PRIORITY 6403 4756 8160

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Kristen Kelly	9/20/16	1448			JW7
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.9 / Bottles Received: 2xVP	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Ricky Mosley	Date: 9-21-16 / Time: 9:00	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# L860776
Cooler Received/Opened On: **9/21/16**	Temperature Upon Receipt: 2.9 °c
Received By: **Rickey Mosley**	
Signature: Rickey Mosley	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ATTACHMENT H

THIS MEMORANDUM

Is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

JWO 206090

Carrier McCutcheon Enterprises Inc. SCAC Carrier's No. _____ Date

TO:	Danco Industries	FROM:	Valley Village Keystone
Consignee	5609 State Rt. 8	Shipper	10243 State Route 85
Street	Harrisville PA 16038	Street	Kittanning PA 16201
Destination	Zip	Origin	Zip

Route | Vehicle Number | 062016 550-025YA No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT			Petroleum Impacted Groundwater			3616 gallons		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED N/A

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Valley Village Keystone
PER: _____ DATE: 10/20/16

CARRIER: McCutcheon Enterprises Inc.
PER: _____ DATE: 10-20-16

EMERGENCY RESPONSE TELEPHONE NUMBER: (724)568-3623

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

209-BLC-Q 3 12461 (Rev. 9/10)

THIS MEMORANDUM

Is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. JWO

Carrier McCutcheon Enterprises Inc. SCAC

Carrier's No. Date

TO: Consignee	Danco Industries	FROM: Shipper	Valley Village Keystone
Street	5609 State Rt. 8	Street	10243 State Route 85
Destination	Harrisville PA 16038 Zip	Origin	Kittanning PA 16201 Zip
Route		Vehicle Number	USDOT Equipment No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT			Petroleum Impacted Groundwater			3965 gallons		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

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(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Valley Village Keystone
PER: DATE: 10/10/16

CARRIER: McCutcheon Enterprises Inc.
PER: DATE: 10/10/16

EMERGENCY RESPONSE TELEPHONE NUMBER: (724)568-3623

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

209-BLC-Q 3 12461 (Rev. 9/10)

STRAIGHT BILL OF LADING – ORIGINAL – NOT NEGOTIABLE

Shipper's No. JWO

Carrier McCutcheon Enterprises Inc. SCAC Carrier's No. Date

TO: Consignee	Danco Industries	**FROM:** Shipper	Valley Village Keystone
Street	5609 State Rt. 8	Street	10243 State Route 85
Destination	Harrisville PA 16038 Zip	Origin	Kittanning PA 16201 Zip

Route | Vehicle Number V-20 | 082216 550 025YA Shipper's Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT			Petroleum Impacted Groundwater			3200	gallons	

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Valley Village Keystone
PER: DATE: 10/5/16

CARRIER: McCutcheon Enterprises Inc.
PER: DATE: 10-5-16

EMERGENCY RESPONSE TELEPHONE NUMBER: (724)568-3623

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

209-BLC-Q 3 12461 (Rev. 9/10)

ATTACHMENT I

2570-FM-WC00nn Rev 9/xx

Department of Environmental Protection

STORAGE SYSTEM REPORT FORM NARRATIVE INFORMATION

Bureau of Land Recycling & Waste Management

Facility ID Number	Facility Name
03-06500	Valley Village

Facility Address/Location	Municipality
10243 State Route 85 Kittanning, PA 16201-8165	Cowanshannock Township
	County: Armstrong

Owner Name	Owner Address
Mehul Vakil	
Owner Telephone Number: 412-977-4976	

9-14-16 I was on site to observe the over excavation of contaminated soils by a USTIF contractor. I spoke to Paul Rogers (owner) And Adam Gaines (Environmental Scientist) of Insight Group. I also noted that Brian Klingensmith was on site as a certified individual since the excavation involves close proximity to the tank cavity. I observed soils being removed north of the tank cavity to depths of 14-16 feet below grade. At this level soils were still reading 200-400 meter units on Brian's PID meter. I took a couple of photos of the excavation.

9-22-16 I was onsite to observe the removal of contaminated soils. Adam Gaines (Insight Group) was on site as well as Brian Klingensmith. Soils were being removed from the east side of the tank field at a depth of approximately 12 feet below the surface. PID readings were 400-500 meter units. I observed no violations during my visit.

9-27-16 I was on site to observe the removal of contaminated soils. Adam Gaines (Insight Group) was on site as well as Brian Klingensmith. The vents for the tanks were being temporarily shortened to allow for the removal of soils in the area of the vent lines. The vent lines will be reinstalled after the removal of the soils. Brian informed me that they removed 11 tri axle loads of soil from the site yesterday and 32 loads in total so far. I took a couple of photos while I was on site.

10-4-16 I visited the site to observe the continuing removal of contaminated soils. Paul Rogers, Adam Gaines (Insight Group), Brian Klingensmith (UMR/UMX) were all on site. I arrived just as the contractor broke the top of an eight (8) inch sewage line was broken. It appears the line was approximately 16 feet from where the line was marked. Sewage entered the excavation in surges and a small amount of contamination may have entered the sewage line and travelled downstream to the sewage plant. Bill Ferrier (Sewage Authority) arrived on site and was able to assess the situation and direct the repair to the sewage line. I left the site before any repairs occurred. Digital Photos were taken while on site.

DEP Representative Name (Print)	DEP Representative Signature	Title	Date / Telephone
Guy W. Curran		Water Quality Specialist	Date 10-5-16 Telephone 412-442-4089

Signature by the person interviewed does not imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Name of Person Interviewed (Print)	Signature of Person Interviewed	Title	Date / Telephone
			Date Telephone

ATTACHMENT J

ANALYTICAL REPORT

October 13, 2016

Insite Group

Sample Delivery Group:	L864347
Samples Received:	10/06/2016
Project Number:	VALLEY VILLAGE
Description:	Water
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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SUMP 1 L864347-01 GW

Collected by: Adam Gains
Collected date/time: 10/04/16 14:20
Received date/time: 10/06/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG915372	100	10/11/16 14:24	10/11/16 14:24	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	978	J3 J6	33.1	100	100	10/11/2016 14:24	WG915372
Ethylbenzene	1380	J3 J6	38.4	100	100	10/11/2016 14:24	WG915372
Isopropylbenzene	175	J3 J6	32.6	100	100	10/11/2016 14:24	WG915372
Methyl tert-butyl ether	U	J3 J6	36.7	100	100	10/11/2016 14:24	WG915372
Naphthalene	439	J J3 J6	100	500	100	10/11/2016 14:24	WG915372
Toluene	736	J3 J6	78.0	500	100	10/11/2016 14:24	WG915372
1,2,4-Trimethylbenzene	3520	J3 J6	37.3	100	100	10/11/2016 14:24	WG915372
1,3,5-Trimethylbenzene	946	J3 J6	38.7	100	100	10/11/2016 14:24	WG915372
Xylenes, Total	5860	J3 J6	106	300	100	10/11/2016 14:24	WG915372
(S) Toluene-d8	*104*			*90.0-115*		*10/11/2016 14:24*	WG915372
(S) Dibromofluoromethane	*103*			*79.0-121*		*10/11/2016 14:24*	WG915372
(S) 4-Bromofluorobenzene	*99.0*			*80.1-120*		*10/11/2016 14:24*	WG915372

Method Blank (MB)

(MB) R3170041-3 10/11/16 07:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*103*			*90.0-115*
(S) Dibromofluoromethane	*103*			*79.0-121*
(S) 4-Bromofluorobenzene	*99.2*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3170041-1 10/11/16 05:52 • (LCSD) R3170041-2 10/11/16 06:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	24.2	24.0	96.9	96.1	73.0-122			0.870	20
Ethylbenzene	25.0	22.4	22.4	89.7	89.6	80.9-121			0.120	20
Isopropylbenzene	25.0	22.1	22.1	88.5	88.4	81.6-124			0.130	20
Methyl tert-butyl ether	25.0	24.0	23.9	95.9	95.7	70.1-125			0.220	20
Naphthalene	25.0	23.1	23.0	92.5	91.9	69.7-134			0.720	20
Toluene	25.0	23.3	23.1	93.4	92.4	77.9-116			1.07	20
1,2,4-Trimethylbenzene	25.0	22.9	22.5	91.5	90.0	79.0-122			1.64	20
1,3,5-Trimethylbenzene	25.0	22.3	22.3	89.4	89.3	81.0-123			0.0900	20
Xylenes, Total	75.0	66.9	66.8	89.2	89.1	79.2-122			0.140	20
(S) Toluene-d8				*103*	*103*	*90.0-115*				
(S) Dibromofluoromethane				*103*	*104*	*79.0-121*				
(S) 4-Bromofluorobenzene				*96.8*	*97.5*	*80.1-120*				

L864347-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864347-01 10/11/16 14:24 • (MS) R3170041-4 10/11/16 14:47 • (MSD) R3170041-5 10/11/16 15:10

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	978	3540	1980	103	39.9	100	58.6-133		J3 J6	56.8	20
Ethylbenzene	25.0	1380	3680	2210	92.0	33.4	100	62.7-136		J3 J6	49.7	20
Isopropylbenzene	25.0	175	2540	1020	94.7	33.7	100	67.4-136		J3 J6	85.6	20

L864347-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864347-01 10/11/16 14:24 • (MS) R3170041-4 10/11/16 14:47 • (MSD) R3170041-5 10/11/16 15:10

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	25.0	U	2570	936	103	37.5	100	61.4-136		J3 J6	93.0	20
Naphthalene	25.0	439	2800	1340	94.3	35.9	100	61.8-143		J3 J6	70.6	20
Toluene	25.0	736	3190	1700	98.1	38.4	100	67.8-124		J3 J6	61.2	20
1,2,4-Trimethylbenzene	25.0	3520	5420	3730	75.9	8.42	100	60.5-137		J3 J6	36.9	20
1,3,5-Trimethylbenzene	25.0	946	3180	1610	89.5	26.6	100	67.9-134		J3 J6	65.6	20
Xylenes, Total	75.0	5860	12600	8150	89.4	30.5	100	65.6-133		J3 J6	42.6	20
(S) Toluene-d8					*102*	*104*		*90.0-115*				
(S) Dibromofluoromethane					*105*	*103*		*79.0-121*				
(S) 4-Bromofluorobenzene					*98.1*	*98.3*		*80.1-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

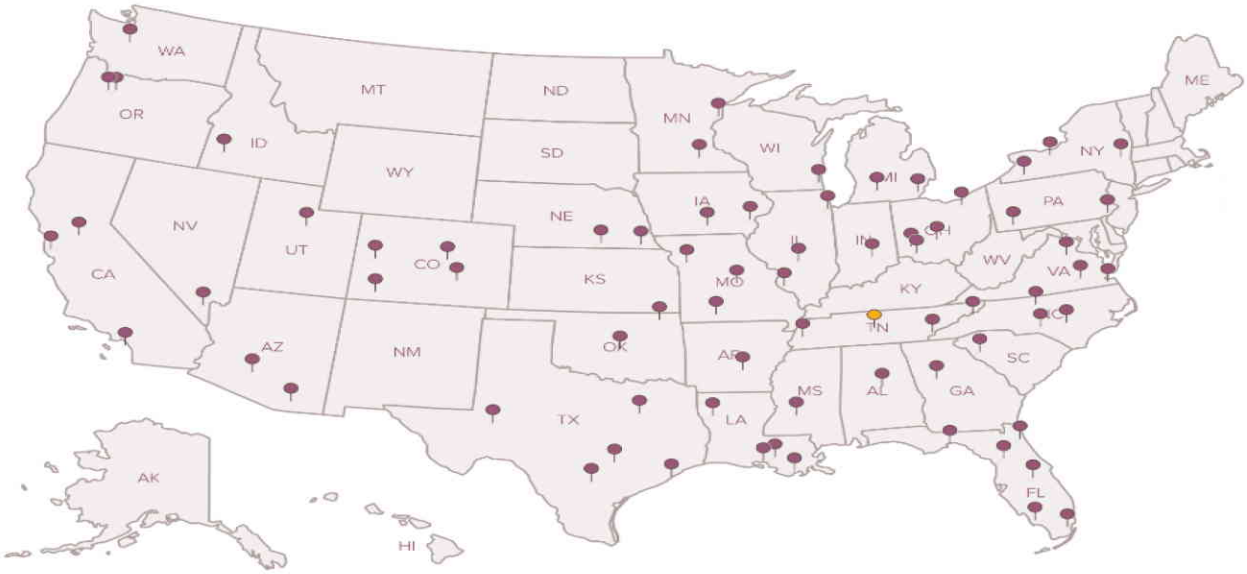
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information:
INSITE080614S

Report to: Sara Giordano
Email to: lab@insitegroup.org

Project Description: Water
City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE
ESC Key: INSITE080614S

Collected by: ADAM GAINES
Site/Facility ID#: 03-06500
P.O.#:

Collected by (signature):
Packed on Ice N Y(X)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative
No. of Cntrs: 2
V 8260 UCPA

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
Sump 1	Grab	GW		10/4/16	1420		-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: D1 PRIORITY

pH _____ Temp _____
Flow _____ Other _____

Chain of Custody Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
L864347

CoCode (lab use only)
Template/Prelogin: A111
Shipped Via:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Kristin Keeley	10/5/16	1407	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
Temp: 2.1°C
Bottles Received: 2DP
Date: 10/06/16
Time: 0900

Condition: (lab use only)
COC'd TOM OK
pH Checked:
NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG#	1864347
Cooler Received/Opened On: 10/04 /16	Temperature Upon Receipt:	2.1 °c
Received By: Alex Schulert		
Signature:		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 31, 2016

Insite Group

Sample Delivery Group:	L867587
Samples Received:	10/21/2016
Project Number:	VALLEY VILLAGE
Description:	Water
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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SL-1 L867587-01 GW

Collected by: Adam Gaines
Collected date/time: 10/19/16 09:10
Received date/time: 10/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920025	1	10/25/16 18:36	10/25/16 18:36	LRL

SL-2 L867587-02 GW

Collected by: Adam Gaines
Collected date/time: 10/19/16 09:15
Received date/time: 10/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920025	1	10/25/16 18:56	10/25/16 18:56	LRL

SL-4 L867587-03 GW

Collected by: Adam Gaines
Collected date/time: 10/19/16 10:02
Received date/time: 10/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920025	1	10/25/16 19:16	10/25/16 19:16	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920025	10	10/29/16 18:38	10/29/16 18:38	BMB

SL-5 L867587-04 GW

Collected by: Adam Gaines
Collected date/time: 10/19/16 10:31
Received date/time: 10/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920025	1	10/25/16 19:37	10/25/16 19:37	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG920025	10	10/29/16 19:01	10/29/16 19:01	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.331	1.00	1	10/25/2016 18:36	WG920025
Ethylbenzene	U		0.384	1.00	1	10/25/2016 18:36	WG920025
Isopropylbenzene	U		0.326	1.00	1	10/25/2016 18:36	WG920025
Methyl tert-butyl ether	U		0.367	1.00	1	10/25/2016 18:36	WG920025
Naphthalene	U		1.00	5.00	1	10/25/2016 18:36	WG920025
Toluene	U		0.780	5.00	1	10/25/2016 18:36	WG920025
1,2,4-Trimethylbenzene	U		0.373	1.00	1	10/25/2016 18:36	WG920025
1,3,5-Trimethylbenzene	U		0.387	1.00	1	10/25/2016 18:36	WG920025
Xylenes, Total	U		1.06	3.00	1	10/25/2016 18:36	WG920025
(S) Toluene-d8	*108*			*90.0-115*		*10/25/2016 18:36*	WG920025
(S) Dibromofluoromethane	*119*			*79.0-121*		*10/25/2016 18:36*	WG920025
(S) 4-Bromofluorobenzene	*97.3*			*80.1-120*		*10/25/2016 18:36*	WG920025

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	2.79		0.331	1.00	1	10/25/2016 18:56	WG920025
Ethylbenzene	U		0.384	1.00	1	10/25/2016 18:56	WG920025
Isopropylbenzene	U		0.326	1.00	1	10/25/2016 18:56	WG920025
Methyl tert-butyl ether	U		0.367	1.00	1	10/25/2016 18:56	WG920025
Naphthalene	U		1.00	5.00	1	10/25/2016 18:56	WG920025
Toluene	1.55	J	0.780	5.00	1	10/25/2016 18:56	WG920025
1,2,4-Trimethylbenzene	2.60		0.373	1.00	1	10/25/2016 18:56	WG920025
1,3,5-Trimethylbenzene	0.990	J	0.387	1.00	1	10/25/2016 18:56	WG920025
Xylenes, Total	8.47		1.06	3.00	1	10/25/2016 18:56	WG920025
(S) Toluene-d8	*107*			*90.0-115*		*10/25/2016 18:56*	WG920025
(S) Dibromofluoromethane	*106*			*79.0-121*		*10/25/2016 18:56*	WG920025
(S) 4-Bromofluorobenzene	*95.2*			*80.1-120*		*10/25/2016 18:56*	WG920025

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	43.2		0.331	1.00	1	10/25/2016 19:16	WG920025
Ethylbenzene	81.4		0.384	1.00	1	10/25/2016 19:16	WG920025
Isopropylbenzene	12.9		0.326	1.00	1	10/25/2016 19:16	WG920025
Methyl tert-butyl ether	5.45		0.367	1.00	1	10/25/2016 19:16	WG920025
Naphthalene	18.4		1.00	5.00	1	10/25/2016 19:16	WG920025
Toluene	4.81	J	0.780	5.00	1	10/25/2016 19:16	WG920025
1,2,4-Trimethylbenzene	393		3.73	10.0	10	10/29/2016 18:38	WG920025
1,3,5-Trimethylbenzene	117		0.387	1.00	1	10/25/2016 19:16	WG920025
Xylenes, Total	444		1.06	3.00	1	10/25/2016 19:16	WG920025
(S) Toluene-d8	*108*			*90.0-115*		*10/25/2016 19:16*	WG920025
(S) Toluene-d8	*101*			*90.0-115*		*10/29/2016 18:38*	WG920025
(S) Dibromofluoromethane	*88.3*			*79.0-121*		*10/29/2016 18:38*	WG920025
(S) Dibromofluoromethane	*111*			*79.0-121*		*10/25/2016 19:16*	WG920025
(S) 4-Bromofluorobenzene	*93.3*			*80.1-120*		*10/25/2016 19:16*	WG920025
(S) 4-Bromofluorobenzene	*103*			*80.1-120*		*10/29/2016 18:38*	WG920025

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	11.8		0.331	1.00	1	10/25/2016 19:37	WG920025
Ethylbenzene	125		0.384	1.00	1	10/25/2016 19:37	WG920025
Isopropylbenzene	19.2		0.326	1.00	1	10/25/2016 19:37	WG920025
Methyl tert-butyl ether	0.651	J	0.367	1.00	1	10/25/2016 19:37	WG920025
Naphthalene	39.1		1.00	5.00	1	10/25/2016 19:37	WG920025
Toluene	10.9		0.780	5.00	1	10/25/2016 19:37	WG920025
1,2,4-Trimethylbenzene	342		3.73	10.0	10	10/29/2016 19:01	WG920025
1,3,5-Trimethylbenzene	99.9		0.387	1.00	1	10/25/2016 19:37	WG920025
Xylenes, Total	478		10.6	30.0	10	10/29/2016 19:01	WG920025
(S) Toluene-d8	*101*			*90.0-115*		*10/29/2016 19:01*	WG920025
(S) Toluene-d8	*107*			*90.0-115*		*10/25/2016 19:37*	WG920025
(S) Dibromofluoromethane	*112*			*79.0-121*		*10/25/2016 19:37*	WG920025
(S) Dibromofluoromethane	*88.6*			*79.0-121*		*10/29/2016 19:01*	WG920025
(S) 4-Bromofluorobenzene	*102*			*80.1-120*		*10/29/2016 19:01*	WG920025
(S) 4-Bromofluorobenzene	*95.8*			*80.1-120*		*10/25/2016 19:37*	WG920025

Method Blank (MB)

(MB) R3174203-3 10/25/16 11:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*105*			*90.0-115*
(S) Dibromofluoromethane	*107*			*79.0-121*
(S) 4-Bromofluorobenzene	*98.2*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3174203-1 10/25/16 10:14 • (LCSD) R3174203-2 10/25/16 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	26.9	24.8	107	99.3	73.0-122			7.85	20
Ethylbenzene	25.0	26.1	23.9	104	95.7	80.9-121			8.55	20
Isopropylbenzene	25.0	26.1	24.2	105	96.8	81.6-124			7.69	20
Methyl tert-butyl ether	25.0	24.9	24.5	99.8	98.0	70.1-125			1.81	20
Naphthalene	25.0	26.0	25.0	104	100	69.7-134			3.81	20
Toluene	25.0	25.4	23.6	101	94.3	77.9-116			7.31	20
1,2,4-Trimethylbenzene	25.0	25.6	23.9	103	95.7	79.0-122			6.87	20
1,3,5-Trimethylbenzene	25.0	26.4	24.4	105	97.7	81.0-123			7.63	20
Xylenes, Total	75.0	77.1	70.8	103	94.4	79.2-122			8.47	20
(S) Toluene-d8				*106*	*105*	*90.0-115*				
(S) Dibromofluoromethane				*105*	*105*	*79.0-121*				
(S) 4-Bromofluorobenzene				*95.8*	*95.9*	*80.1-120*				

L867568-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L867568-03 10/25/16 15:11 • (MS) R3174203-4 10/25/16 15:32 • (MSD) R3174203-5 10/25/16 15:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	ND	24.8	24.5	99.3	98.1	1	58.6-133			1.17	20
Ethylbenzene	25.0	ND	23.4	23.4	93.8	93.5	1	62.7-136			0.320	20
Isopropylbenzene	25.0	ND	24.2	23.8	96.6	95.1	1	67.4-136			1.62	20

L867568-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L867568-03 10/25/16 15:11 • (MS) R3174203-4 10/25/16 15:32 • (MSD) R3174203-5 10/25/16 15:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	25.0	ND	24.7	26.3	97.4	104	1	61.4-136			6.08	20
Naphthalene	25.0	ND	23.0	26.4	91.9	105	1	61.8-143			13.7	20
Toluene	25.0	ND	23.1	22.5	92.3	90.0	1	67.8-124			2.56	20
1,2,4-Trimethylbenzene	25.0	ND	23.1	23.1	92.4	92.5	1	60.5-137			0.100	20
1,3,5-Trimethylbenzene	25.0	ND	23.8	23.8	95.4	95.3	1	67.9-134			0.120	20
Xylenes, Total	75.0	ND	68.8	68.7	91.8	91.6	1	65.6-133			0.170	20
(S) Toluene-d8					*108*	*107*		*90.0-115*				
(S) Dibromofluoromethane					*107*	*107*		*79.0-121*				
(S) 4-Bromofluorobenzene					*96.1*	*94.7*		*80.1-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

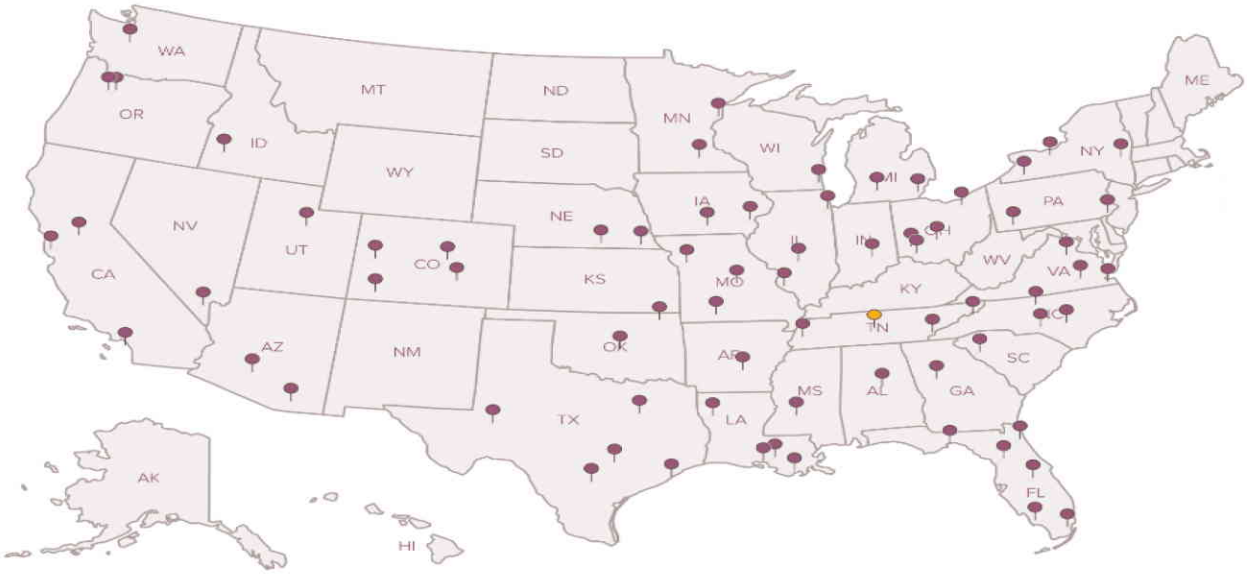
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: WATER

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: ADAM CAMES

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day 50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260 VOA								Remarks/Contaminant	Sample # (lab only)
SL-1	Grab	GW		10/19/16	0910	2	X									967587-01
SL-2	Grab	GW		10/19/16	0915	2	X									02
SL-4	Grab	GW		10/19/16	1002	2	X									03
SL-5	Grab	GW		10/19/16	1031	2	X									04

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Flow _____ Other _____

Remarks: D1 PRIORITY

6903475681 92

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Leslie L. Kelly	10/20/16	1343	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: 2.8

Bottles Received: 8

Date: 10.21.16

Time: 0900

Condition: NCF

(lab use only)

COC SE

pH Checked:

NCF:

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

A001

CoCode (lab use only)

Template/Prelogin

Shipped Via:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client:	Insite	SDG#	86787
Cooler Received/Opened On:	10/21/16	Temperature Upon Receipt:	2.8 °c
Received By:	Nikki Farmer		
Signature:			

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?			✓
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

December 13, 2016

Ms. Sara Giordano
Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

RE: Project: Valley Village-SL
Pace Project No.: 30204371

Dear Ms. Giordano:
Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Samantha Bayura

Samantha Bayura
samantha.bayura@pacelabs.com
Project Manager

Enclosures

cc: Insite Group, Insite Group, Inc.
Kristin Kelly, Insite Group

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Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Valley Village-SL
Pace Project No.: 30204371

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: Valley Village-SL
Pace Project No.: 30204371

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30204371001	SL-1	EPA 8260B	JAS	13	PASI-PA
30204371002	SL-2	EPA 8260B	JAS	13	PASI-PA
30204371003	SL-3	EPA 8260B	JAS	13	PASI-PA
30204371004	SL-4	EPA 8260B	JAS	13	PASI-PA
30204371005	SL-5	EPA 8260B	JAS	13	PASI-PA
30204371006	SL-6	EPA 8260B	JAS	13	PASI-PA

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Valley Village-SL
Pace Project No.: 30204371

Sample: SL-1 **Lab ID: 30204371001** Collected: 12/02/16 09:44 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/08/16 21:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/08/16 21:19	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/08/16 21:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/08/16 21:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		12/08/16 21:19	91-20-3	
Toluene	ND	ug/L	1.0	1		12/08/16 21:19	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/08/16 21:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/08/16 21:19	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/08/16 21:19	1330-20-7	
Surrogates								
Toluene-d8 (S)	91	%	84-115	1		12/08/16 21:19	2037-26-5	
4-Bromofluorobenzene (S)	94	%	81-119	1		12/08/16 21:19	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	77-126	1		12/08/16 21:19	17060-07-0	
Dibromofluoromethane (S)	107	%	70-130	1		12/08/16 21:19	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Valley Village-SL
Pace Project No.: 30204371

Sample: SL-2 **Lab ID: 30204371002** Collected: 12/02/16 09:52 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**11.7**	ug/L	1.0	1		12/08/16 21:44	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/08/16 21:44	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/08/16 21:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/08/16 21:44	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		12/08/16 21:44	91-20-3	
Toluene	ND	ug/L	1.0	1		12/08/16 21:44	108-88-3	
1,2,4-Trimethylbenzene	**2.3**	ug/L	1.0	1		12/08/16 21:44	95-63-6	
1,3,5-Trimethylbenzene	**1.0**	ug/L	1.0	1		12/08/16 21:44	108-67-8	
Xylene (Total)	**11.0**	ug/L	3.0	1		12/08/16 21:44	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	84-115	1		12/08/16 21:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%	81-119	1		12/08/16 21:44	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	77-126	1		12/08/16 21:44	17060-07-0	
Dibromofluoromethane (S)	104	%	70-130	1		12/08/16 21:44	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-SL
Pace Project No.: 30204371

Sample: SL-3 **Lab ID: 30204371003** Collected: 12/02/16 09:57 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**1.6**	ug/L	1.0	1		12/09/16 09:32	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 09:32	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 09:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 09:32	1634-04-4	CH
Naphthalene	**2.5**	ug/L	2.0	1		12/09/16 09:32	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 09:32	108-88-3	
1,2,4-Trimethylbenzene	**1.4**	ug/L	1.0	1		12/09/16 09:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 09:32	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 09:32	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	84-115	1		12/09/16 09:32	2037-26-5	
4-Bromofluorobenzene (S)	97	%	81-119	1		12/09/16 09:32	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	77-126	1		12/09/16 09:32	17060-07-0	
Dibromofluoromethane (S)	107	%	70-130	1		12/09/16 09:32	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-SL
Pace Project No.: 30204371

Sample: SL-4 **Lab ID: 30204371004** Collected: 12/02/16 10:04 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**93.7**	ug/L	1.0	1		12/09/16 02:47	71-43-2	
Ethylbenzene	**42.5**	ug/L	1.0	1		12/09/16 02:47	100-41-4	
Isopropylbenzene (Cumene)	**7.5**	ug/L	1.0	1		12/09/16 02:47	98-82-8	
Methyl-tert-butyl ether	**19.2**	ug/L	1.0	1		12/09/16 02:47	1634-04-4	CH
Naphthalene	**13.6**	ug/L	2.0	1		12/09/16 02:47	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 02:47	108-88-3	
1,2,4-Trimethylbenzene	**119**	ug/L	1.0	1		12/09/16 02:47	95-63-6	
1,3,5-Trimethylbenzene	**35.0**	ug/L	1.0	1		12/09/16 02:47	108-67-8	
Xylene (Total)	**62.4**	ug/L	3.0	1		12/09/16 02:47	1330-20-7	
Surrogates								
Toluene-d8 (S)	93	%	84-115	1		12/09/16 02:47	2037-26-5	
4-Bromofluorobenzene (S)	101	%	81-119	1		12/09/16 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	77-126	1		12/09/16 02:47	17060-07-0	
Dibromofluoromethane (S)	105	%	70-130	1		12/09/16 02:47	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-SL
Pace Project No.: 30204371

Sample: SL-5 **Lab ID: 30204371005** Collected: 12/02/16 10:10 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 03:12	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 03:12	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 03:12	98-82-8	
Methyl-tert-butyl ether	**1.6**	ug/L	1.0	1		12/09/16 03:12	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 03:12	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 03:12	108-88-3	
1,2,4-Trimethylbenzene	**2.1**	ug/L	1.0	1		12/09/16 03:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 03:12	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 03:12	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	84-115	1		12/09/16 03:12	2037-26-5	
4-Bromofluorobenzene (S)	99	%	81-119	1		12/09/16 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	77-126	1		12/09/16 03:12	17060-07-0	
Dibromofluoromethane (S)	108	%	70-130	1		12/09/16 03:12	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-SL
Pace Project No.: 30204371

Sample: SL-6 **Lab ID: 30204371006** Collected: 12/02/16 10:17 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 03:38	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 03:38	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 03:38	98-82-8	
Methyl-tert-butyl ether	**1.2**	ug/L	1.0	1		12/09/16 03:38	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 03:38	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 03:38	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 03:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 03:38	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 03:38	1330-20-7	
Surrogates								
Toluene-d8 (S)	95	%	84-115	1		12/09/16 03:38	2037-26-5	
4-Bromofluorobenzene (S)	97	%	81-119	1		12/09/16 03:38	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	77-126	1		12/09/16 03:38	17060-07-0	
Dibromofluoromethane (S)	108	%	70-130	1		12/09/16 03:38	1868-53-7	

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QUALITY CONTROL DATA

Project: Valley Village-SL
Pace Project No.: 30204371

QC Batch: 242736 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 30204371001, 30204371002

METHOD BLANK: 1193090 Matrix: Water
Associated Lab Samples: 30204371001, 30204371002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/08/16 14:08	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/08/16 14:08	
Benzene	ug/L	ND	1.0	12/08/16 14:08	
Ethylbenzene	ug/L	ND	1.0	12/08/16 14:08	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/08/16 14:08	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/08/16 14:08	
Naphthalene	ug/L	ND	2.0	12/08/16 14:08	
Toluene	ug/L	ND	1.0	12/08/16 14:08	
Xylene (Total)	ug/L	ND	3.0	12/08/16 14:08	
1,2-Dichloroethane-d4 (S)	%	121	77-126	12/08/16 14:08	
4-Bromofluorobenzene (S)	%	95	81-119	12/08/16 14:08	
Dibromofluoromethane (S)	%	106	70-130	12/08/16 14:08	
Toluene-d8 (S)	%	88	84-115	12/08/16 14:08	

LABORATORY CONTROL SAMPLE: 1193091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.0	95	75-128	
1,3,5-Trimethylbenzene	ug/L	20	19.5	97	74-125	
Benzene	ug/L	20	19.3	96	69-115	
Ethylbenzene	ug/L	20	18.8	94	71-116	
Isopropylbenzene (Cumene)	ug/L	20	19.3	97	79-121	
Methyl-tert-butyl ether	ug/L	20	20.6	103	83-140	
Naphthalene	ug/L	20	17.9	89	64-140	
Toluene	ug/L	20	18.9	95	70-115	
Xylene (Total)	ug/L	60	58.2	97	73-118	
1,2-Dichloroethane-d4 (S)	%			118	77-126	
4-Bromofluorobenzene (S)	%			98	81-119	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			99	84-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193101 1193102

Parameter	Units	30204390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.8	21.3	104	107	69-121	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	22.0	106	110	68-118	3	
Benzene	ug/L	ND	20	20	21.4	21.3	107	107	63-123	0	

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QUALITY CONTROL DATA

Project: Valley Village-SL
Pace Project No.: 30204371

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193101 1193102

Parameter	Units	30204390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Ethylbenzene	ug/L	ND	20	20	20.6	20.9	103	104	70-120	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.3	21.7	107	109	71-129	2	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.8	25.7	114	129	63-143	12	
Naphthalene	ug/L	ND	20	20	18.5	19.7	92	99	55-122	6	
Toluene	ug/L	ND	20	20	21.0	21.3	105	107	66-124	1	
Xylene (Total)	ug/L	ND	60	60	64.7	64.1	108	107	68-123	1	
1,2-Dichloroethane-d4 (S)	%						116	110	77-126		
4-Bromofluorobenzene (S)	%						99	102	81-119		
Dibromofluoromethane (S)	%						106	106	70-130		
Toluene-d8 (S)	%						97	97	84-115		

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QUALITY CONTROL DATA

Project: Valley Village-SL
Pace Project No.: 30204371

QC Batch: 242737 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 30204371003, 30204371004, 30204371005, 30204371006

METHOD BLANK: 1193092 Matrix: Water
Associated Lab Samples: 30204371003, 30204371004, 30204371005, 30204371006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/09/16 01:57	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/09/16 01:57	
Benzene	ug/L	ND	1.0	12/09/16 01:57	
Ethylbenzene	ug/L	ND	1.0	12/09/16 01:57	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/09/16 01:57	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/09/16 01:57	CH
Naphthalene	ug/L	ND	2.0	12/09/16 01:57	
Toluene	ug/L	ND	1.0	12/09/16 01:57	
Xylene (Total)	ug/L	ND	3.0	12/09/16 01:57	
1,2-Dichloroethane-d4 (S)	%	117	77-126	12/09/16 01:57	
4-Bromofluorobenzene (S)	%	96	81-119	12/09/16 01:57	
Dibromofluoromethane (S)	%	103	70-130	12/09/16 01:57	
Toluene-d8 (S)	%	90	84-115	12/09/16 01:57	

LABORATORY CONTROL SAMPLE: 1193093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	18.9	95	75-128	
1,3,5-Trimethylbenzene	ug/L	20	19.3	97	74-125	
Benzene	ug/L	20	19.4	97	69-115	
Ethylbenzene	ug/L	20	18.8	94	71-116	
Isopropylbenzene (Cumene)	ug/L	20	19.2	96	79-121	
Methyl-tert-butyl ether	ug/L	20	20.9	104	83-140	CH
Naphthalene	ug/L	20	18.1	91	64-140	
Toluene	ug/L	20	19.3	96	70-115	
Xylene (Total)	ug/L	60	58.2	97	73-118	
1,2-Dichloroethane-d4 (S)	%			114	77-126	
4-Bromofluorobenzene (S)	%			98	81-119	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			97	84-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193094 1193095

Parameter	Units	30204515001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.0	101	95	69-121	6	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	19.6	104	98	68-118	5	
Benzene	ug/L	ND	20	20	20.2	20.0	101	100	63-123	1	

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QUALITY CONTROL DATA

Project: Valley Village-SL
Pace Project No.: 30204371

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193094 1193095

Parameter	Units	30204515001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Ethylbenzene	ug/L	ND	20	20	20.2	19.3	101	97	70-120	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.4	19.8	102	99	71-129	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.9	23.2	115	116	63-143	1	CH
Naphthalene	ug/L	ND	20	20	17.7	16.5	88	82	55-122	7	
Toluene	ug/L	ND	20	20	20.4	19.5	102	97	66-124	5	
Xylene (Total)	ug/L	ND	60	60	61.1	58.5	102	98	68-123	4	
1,2-Dichloroethane-d4 (S)	%						116	119	77-126		
4-Bromofluorobenzene (S)	%						101	100	81-119		
Dibromofluoromethane (S)	%						105	107	70-130		
Toluene-d8 (S)	%						97	101	84-115		

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QUALIFIERS

Project: Valley Village-SL
Pace Project No.: 30204371

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Valley Village-SL
Pace Project No.: 30204371

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30204371001	**SL-1**	EPA 8260B	242736		
30204371002	**SL-2**	EPA 8260B	242736		
30204371003	**SL-3**	EPA 8260B	242737		
30204371004	**SL-4**	EPA 8260B	242737		
30204371005	**SL-5**	EPA 8260B	242737		
30204371006	**SL-6**	EPA 8260B	242737		

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CHAIN-OF-CUSTODY / Analytical Request Doc

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed a

WO# : 30204371

30204371

Section A
Required Client Information:

Company:	Insite Group, Inc
Address:	611 South Irvine Avene
	Sharon, PA 16146
Email To:	lab@insitegroup.org
Phone: 724-347-2101	Fax: 724-347-2139
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Sara Giordano
Copy To:	
Purchase Order No.:	
Project Name:	Valley Village - SL
Project Number:	03-06500

Section C
Invoice Information:

Attention:	Sara Giordano
Company Name:	Insite Group, Inc.
Address:	(same)
Pace Quote Reference:	
Pace Project Manager:	Samantha Bayura
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION*	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	VOA 8260 Volatiles (New PA UST shortlist - unleaded)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SL-1	WT	G			12/02/16	944		3				X						X		001
2	SL-2	WT	G			12/02/16	952		3				X						X		002
3	SL-3	WT	G			12/02/16	957		3				X						X		003
4	SL-4	WT	G			12/02/16	1004		3				X						X		004
5	SL-5	WT	G			12/02/16	1010		3				X						X		005
6	SL-6	WT	G			12/02/16	1017		3				X						X		006
7																					
8																					
9																					
10																					
11																					
12																					

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Kristen Kelley	12/5/16	1506	Alyssa Mudrenok Pace	12/6/16	1045	10	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ADAM DAVIS

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/2/16

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: Insite Project # 30204371

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 7848 7000 3133

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☐ yes ☐ no

Thermometer Used 8 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 0.9 °C Correction Factor: +0.1 °C Final Temp: 1.0 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: APM 12/16/16

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:	✓			4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: WT	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used: -Pace Containers Used:	✓			10.
Containers Intact:	✓			11.
Filtered volume received for Dissolved tests			✓	12.
All containers needing preservation have been checked. All containers needing preservation are found to be in compliance with EPA recommendation. exceptions: VOA, coliform, TOC, O&G, Phenolics			✓	13. Initial when completed: APM Date/time of preservation; Lot # of added preservative
Headspace in VOA Vials (>6mm):		✓		14.
Trip Blank Present:		✓		15.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr			✓	Initial when completed: APM Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

ATTACHMENT K

ANALYTICAL REPORT

October 13, 2016

Insite Group

Sample Delivery Group:	L864353
Samples Received:	10/06/2016
Project Number:	VALLEY VILLAGE
Description:	Water
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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MANHOLE 1 L864353-01 GW

Collected by: Adam Gaines
Collected date/time: 10/04/16 17:20
Received date/time: 10/06/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG915372	1	10/11/16 15:57	10/11/16 15:57	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	17.6		0.331	1.00	1	10/11/2016 15:57	WG915372
Ethylbenzene	31.2		0.384	1.00	1	10/11/2016 15:57	WG915372
Isopropylbenzene	3.05		0.326	1.00	1	10/11/2016 15:57	WG915372
Methyl tert-butyl ether	U		0.367	1.00	1	10/11/2016 15:57	WG915372
Naphthalene	9.47		1.00	5.00	1	10/11/2016 15:57	WG915372
Toluene	81.0		0.780	5.00	1	10/11/2016 15:57	WG915372
1,2,4-Trimethylbenzene	60.8		0.373	1.00	1	10/11/2016 15:57	WG915372
1,3,5-Trimethylbenzene	16.0		0.387	1.00	1	10/11/2016 15:57	WG915372
Xylenes, Total	152		1.06	3.00	1	10/11/2016 15:57	WG915372
(S) Toluene-d8	*104*			*90.0-115*		*10/11/2016 15:57*	WG915372
(S) Dibromofluoromethane	*101*			*79.0-121*		*10/11/2016 15:57*	WG915372
(S) 4-Bromofluorobenzene	*96.9*			*80.1-120*		*10/11/2016 15:57*	WG915372

Method Blank (MB)

(MB) R3170041-3 10/11/16 07:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*103*			*90.0-115*
(S) Dibromofluoromethane	*103*			*79.0-121*
(S) 4-Bromofluorobenzene	*99.2*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3170041-1 10/11/16 05:52 • (LCSD) R3170041-2 10/11/16 06:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	24.2	24.0	96.9	96.1	73.0-122			0.870	20
Ethylbenzene	25.0	22.4	22.4	89.7	89.6	80.9-121			0.120	20
Isopropylbenzene	25.0	22.1	22.1	88.5	88.4	81.6-124			0.130	20
Methyl tert-butyl ether	25.0	24.0	23.9	95.9	95.7	70.1-125			0.220	20
Naphthalene	25.0	23.1	23.0	92.5	91.9	69.7-134			0.720	20
Toluene	25.0	23.3	23.1	93.4	92.4	77.9-116			1.07	20
1,2,4-Trimethylbenzene	25.0	22.9	22.5	91.5	90.0	79.0-122			1.64	20
1,3,5-Trimethylbenzene	25.0	22.3	22.3	89.4	89.3	81.0-123			0.0900	20
Xylenes, Total	75.0	66.9	66.8	89.2	89.1	79.2-122			0.140	20
(S) Toluene-d8				*103*	*103*	*90.0-115*				
(S) Dibromofluoromethane				*103*	*104*	*79.0-121*				
(S) 4-Bromofluorobenzene				*96.8*	*97.5*	*80.1-120*				

L864347-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864347-01 10/11/16 14:24 • (MS) R3170041-4 10/11/16 14:47 • (MSD) R3170041-5 10/11/16 15:10

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	978	3540	1980	103	39.9	100	58.6-133		J3 J6	56.8	20
Ethylbenzene	25.0	1380	3680	2210	92.0	33.4	100	62.7-136		J3 J6	49.7	20
Isopropylbenzene	25.0	175	2540	1020	94.7	33.7	100	67.4-136		J3 J6	85.6	20

L864347-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L864347-01 10/11/16 14:24 • (MS) R3170041-4 10/11/16 14:47 • (MSD) R3170041-5 10/11/16 15:10

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	25.0	U	2570	936	103	37.5	100	61.4-136		J3 J6	93.0	20
Naphthalene	25.0	439	2800	1340	94.3	35.9	100	61.8-143		J3 J6	70.6	20
Toluene	25.0	736	3190	1700	98.1	38.4	100	67.8-124		J3 J6	61.2	20
1,2,4-Trimethylbenzene	25.0	3520	5420	3730	75.9	8.42	100	60.5-137		J3 J6	36.9	20
1,3,5-Trimethylbenzene	25.0	946	3180	1610	89.5	26.6	100	67.9-134		J3 J6	65.6	20
Xylenes, Total	75.0	5860	12600	8150	89.4	30.5	100	65.6-133		J3 J6	42.6	20
(S) Toluene-d8					*102*	*104*		*90.0-115*				
(S) Dibromofluoromethane					*105*	*103*		*79.0-121*				
(S) 4-Bromofluorobenzene					*98.1*	*98.3*		*80.1-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

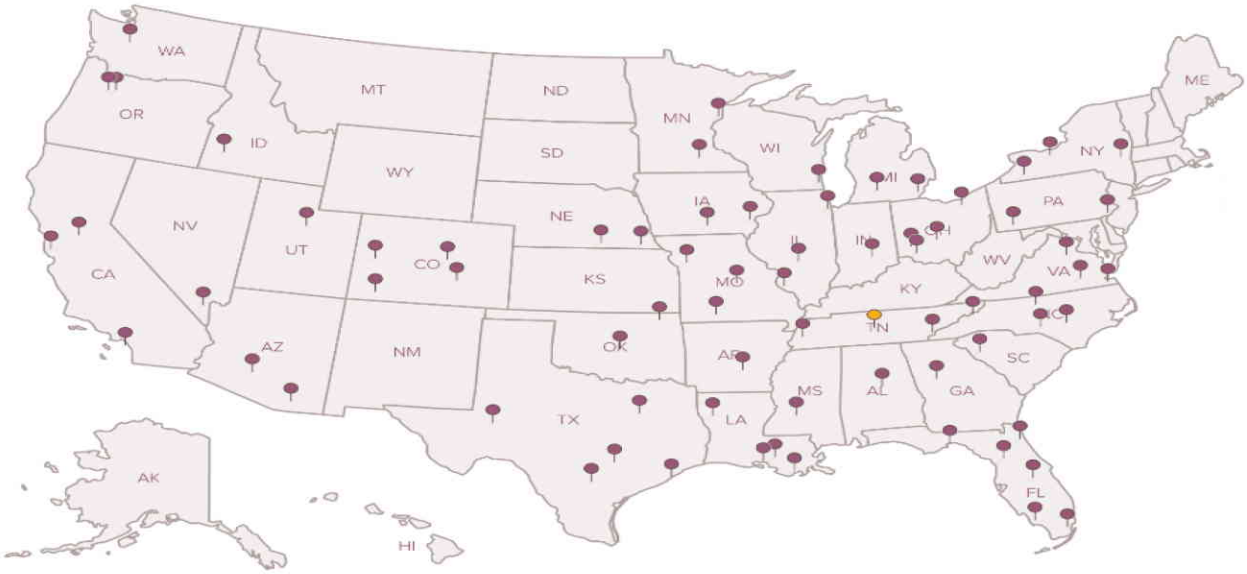
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information:
INSITE080614S

Report to: Sara Giordano
Email to: lab@insitegroup.org

Project Description: Water
City/Sate Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE
ESC Key: INSITE080614S

Collected by: ADAM OHLWES
Site/Facility ID#: 03-06500
P.O.#:

Collected by (signature):
Packed on Ice N YX

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day 50%

Date Results Needed:
Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative: VOA 8260

Chain of Custody
Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode: L864353 (lab use only)
Template/Prel: A112
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
Manhole 1	Grab	GW		10/4/16	1720	2		-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks: D1 PRIORITY

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
Justin Kelley	10/5/16	1407		Temp: 2.1°c / Bottles Received: 2VP	eK TOH COC SE
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/6/16 / Time: 0900	pH Checked: / NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG#	L864353
Cooler Received/Opened On: 10/06/16	Temperature Upon Receipt:	2.1 °c
Received By: Alex Schulert		
Signature:		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ANALYTICAL REPORT

October 27, 2016

Insite Group

Sample Delivery Group:	L867589
Samples Received:	10/21/2016
Project Number:	VALLEY VILLAGE
Description:	Water
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

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MANHOLE 2 L867589-01 GW

Collected by: Adam Gaines
Collected date/time: 10/13/16 14:16
Received date/time: 10/21/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG919974	1	10/26/16 16:55	10/26/16 16:55	JHH

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.331	1.00	1	10/26/2016 16:55	WG919974
Ethylbenzene	U		0.384	1.00	1	10/26/2016 16:55	WG919974
Isopropylbenzene	U		0.326	1.00	1	10/26/2016 16:55	WG919974
Methyl tert-butyl ether	U		0.367	1.00	1	10/26/2016 16:55	WG919974
Naphthalene	U		1.00	5.00	1	10/26/2016 16:55	WG919974
Toluene	U		0.780	5.00	1	10/26/2016 16:55	WG919974
1,2,4-Trimethylbenzene	U		0.373	1.00	1	10/26/2016 16:55	WG919974
1,3,5-Trimethylbenzene	U		0.387	1.00	1	10/26/2016 16:55	WG919974
Xylenes, Total	U		1.06	3.00	1	10/26/2016 16:55	WG919974
(S) Toluene-d8	*100*			*90.0-115*		*10/26/2016 16:55*	WG919974
(S) Dibromofluoromethane	*95.9*			*79.0-121*		*10/26/2016 16:55*	WG919974
(S) 4-Bromofluorobenzene	*112*			*80.1-120*		*10/26/2016 16:55*	WG919974

Method Blank (MB)

(MB) R3173486-3 10/23/16 19:14

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*101*			*90.0-115*
(S) Dibromofluoromethane	*94.1*			*79.0-121*
(S) 4-Bromofluorobenzene	*108*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3173486-1 10/23/16 17:18 • (LCSD) R3173486-2 10/23/16 18:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	28.1	26.9	112	108	73.0-122			4.10	20
Ethylbenzene	25.0	29.6	29.6	118	118	80.9-121			0.0100	20
Isopropylbenzene	25.0	30.3	30.1	121	120	81.6-124			0.840	20
Methyl tert-butyl ether	25.0	25.6	25.0	102	100	70.1-125			2.29	20
Naphthalene	25.0	30.3	31.5	121	126	69.7-134			3.99	20
Toluene	25.0	27.6	27.0	111	108	77.9-116			2.34	20
1,2,4-Trimethylbenzene	25.0	29.8	30.3	119	121	79.0-122			1.67	20
1,3,5-Trimethylbenzene	25.0	29.8	30.3	119	121	81.0-123			1.43	20
Xylenes, Total	75.0	87.5	87.1	117	116	79.2-122			0.400	20
(S) Toluene-d8				*101*	*102*	*90.0-115*				
(S) Dibromofluoromethane				*96.6*	*95.3*	*79.0-121*				
(S) 4-Bromofluorobenzene				*108*	*107*	*80.1-120*				

L867325-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L867325-01 10/24/16 00:08 • (MS) R3173486-4 10/24/16 00:32 • (MSD) R3173486-5 10/24/16 00:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	26.5	252	245	90.3	87.3	10	58.6-133			3.01	20
Ethylbenzene	25.0	40.9	316	302	110	104	10	62.7-136			4.65	20
Isopropylbenzene	25.0	ND	285	277	114	111	10	67.4-136			2.79	20

L867325-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L867325-01 10/24/16 00:08 • (MS) R3173486-4 10/24/16 00:32 • (MSD) R3173486-5 10/24/16 00:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	25.0	34.3	272	268	95.2	93.5	10	61.4-136			1.60	20
Naphthalene	25.0	52.2	376	371	130	128	10	61.8-143			1.33	20
Toluene	25.0	224	462	439	95.2	86.1	10	67.8-124			5.06	20
1,2,4-Trimethylbenzene	25.0	188	476	455	115	107	10	60.5-137			4.53	20
1,3,5-Trimethylbenzene	25.0	63.2	349	336	114	109	10	67.9-134			3.88	20
Xylenes, Total	75.0	648	1460	1400	108	100	10	65.6-133			4.41	20
(S) Toluene-d8					*101*	*103*		*90.0-115*				
(S) Dibromofluoromethane					*97.5*	*96.5*		*79.0-121*				
(S) 4-Bromofluorobenzene					*108*	*109*		*80.1-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

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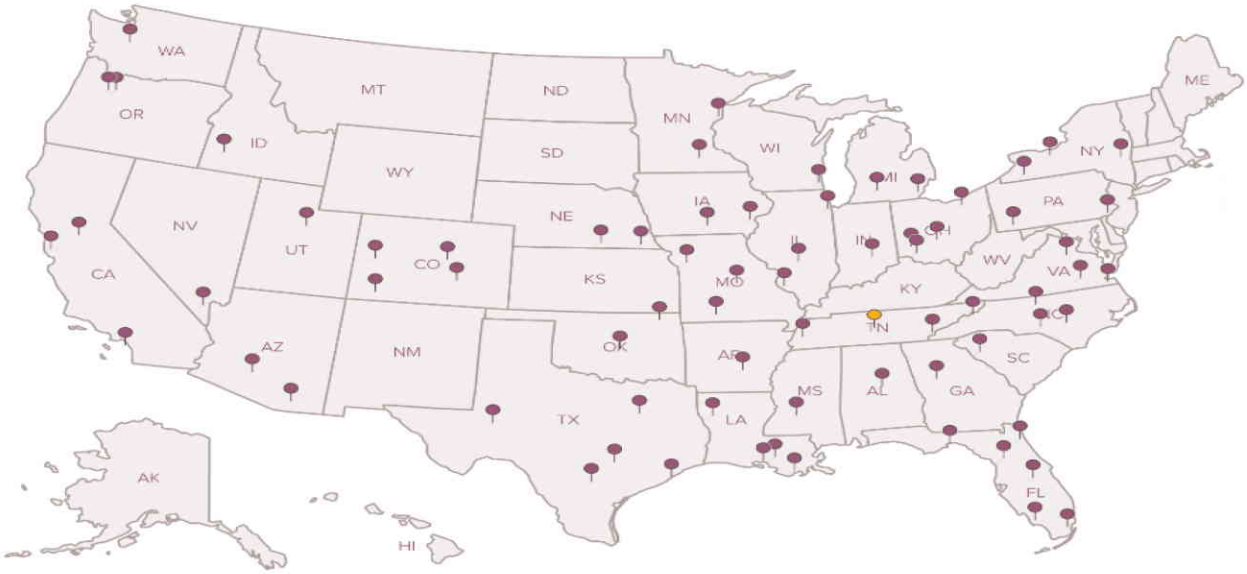

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Analysis/Container/Preservative

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

A248

Project Description: Water		City/State Collected: KITTANNING, PA	
Phone: 724 347 2101 FAX: 724 347 2139	Client Project #: VALLEY VILLAGE	ESC Key: INSITE080614S	
Collected by: Adam Gaines	Site/Facility ID#: 03-06500	P.O.#:	
Collected by (signature): Packed on Ice N Y	Rush? (Lab MUST Be Notified) ____ Same Day.....200% ____ Next Day.....100% ____ Two Day.....50%	Date Results Needed: Email? No Yes FAX? Yes No	CoCode (lab use only) Template/Prelogin Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	v8260 UGPA	Remarks/Contaminant	Sample # (lab only)
Manhole 2	Grab	GW		10/13/16	1416	2	X		967589-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

pH _____ Temp _____

Flow _____ Other _____

Remarks: D1 PRIORITY

609834756819 2

Relinquished by: (Signature) Kristin Kelly	Date: 10/13/16	Time: 1343	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition: DNB9	(lab use only) a	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.9	Bottles Received: 2	COC/LE	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-21-16	Time: 0900	pH Checked:	NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client:		SDG#	867589
Cooler Received/Opened On:	10/21/16	Temperature Upon Receipt:	2.8 °c
Received By:	Nikki Farmer		
Signature:			

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	✓		
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?			✓
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ATTACHMENT L

STRAIGHT BILL OF LADING – ORIGINAL – NOT NEGOTIABLE

Shipper's No. JWO

Carrier McCutcheon Enterprises Inc. SCAC Carrier's No. 207807 Date

TO: Consignee	Danco Industries	FROM: Shipper	Valley Village Keystone
Street	5609 State Rt. 8	Street	10243 State Route 85
Destination	Harrisville PA 16038	Origin	Kittanning PA 16201
	Zip		Zip

Route | Vehicle Number | 062216 550 025YA Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT			Petroleum Impacted Groundwater			3000 gallons		

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Valley Village Keystone
PER: DATE: 12-14-16

CARRIER: McCutcheon Enterprises Inc.
PER: DATE: 12-14-16

EMERGENCY RESPONSE TELEPHONE NUMBER: (724)568-3623

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

209-BLC-Q 3 12461 (Rev. 9/10)

ATTACHMENT M

ANALYTICAL REPORT

December 19, 2016

Insite Group

Sample Delivery Group:	L878994
Samples Received:	12/15/2016
Project Number:	VALLEY VILLAGE
Description:	Groundwater
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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[5]Sr: Sample Results 5

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[6]Qc: Quality Control Summary 6

Volatile Organic Compounds (GC/MS) by Method 8260B 6

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EW-1R L878994-01 GW

Collected by	Collected date/time	Received date/time
Adam Gaines	12/14/16 14:14	12/15/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG936546	200	12/18/16 05:33	12/18/16 05:33	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	3010		66.2	200	200	12/18/2016 05:33	WG936546
Ethylbenzene	1920		76.8	200	200	12/18/2016 05:33	WG936546
Isopropylbenzene	88.6	J	65.2	200	200	12/18/2016 05:33	WG936546
Methyl tert-butyl ether	U		73.4	200	200	12/18/2016 05:33	WG936546
Naphthalene	359	J	200	1000	200	12/18/2016 05:33	WG936546
Toluene	7990		156	1000	200	12/18/2016 05:33	WG936546
1,2,4-Trimethylbenzene	2220		74.6	200	200	12/18/2016 05:33	WG936546
1,3,5-Trimethylbenzene	621		77.4	200	200	12/18/2016 05:33	WG936546
Xylenes, Total	10600		212	600	200	12/18/2016 05:33	WG936546
(S) Toluene-d8	*100*			*90.0-115*		*12/18/2016 05:33*	WG936546
(S) Dibromofluoromethane	*86.4*			*79.0-121*		*12/18/2016 05:33*	WG936546
(S) 4-Bromofluorobenzene	*103*			*80.1-120*		*12/18/2016 05:33*	WG936546

Method Blank (MB)

(MB) R3185457-3 12/17/16 21:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*101*			*90.0-115*
(S) Dibromofluoromethane	*93.2*			*79.0-121*
(S) 4-Bromofluorobenzene	*101*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3185457-1 12/17/16 20:02 • (LCSD) R3185457-2 12/17/16 20:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	21.2	23.6	84.7	94.6	73.0-122			11.0	20
Ethylbenzene	25.0	24.1	24.9	96.3	99.5	80.9-121			3.28	20
Isopropylbenzene	25.0	22.6	24.1	90.4	96.4	81.6-124			6.43	20
Methyl tert-butyl ether	25.0	22.9	24.0	91.5	96.0	70.1-125			4.80	20
Naphthalene	25.0	19.8	21.3	79.1	85.1	69.7-134			7.29	20
Toluene	25.0	23.0	23.2	91.8	92.7	77.9-116			0.900	20
1,2,4-Trimethylbenzene	25.0	23.0	24.6	91.9	98.4	79.0-122			6.86	20
1,3,5-Trimethylbenzene	25.0	22.3	24.1	89.4	96.2	81.0-123			7.43	20
Xylenes, Total	75.0	71.3	75.5	95.0	101	79.2-122			5.78	20
(S) Toluene-d8				*105*	*101*	*90.0-115*				
(S) Dibromofluoromethane				*90.8*	*91.9*	*79.0-121*				
(S) 4-Bromofluorobenzene				*103*	*103*	*80.1-120*				

L878994-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L878994-01 12/18/16 05:33 • (MS) R3185457-4 12/18/16 05:57 • (MSD) R3185457-5 12/18/16 06:20

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	3010	7900	8150	97.7	103	200	58.6-133			3.14	20
Ethylbenzene	25.0	1920	7680	7100	115	104	200	62.7-136			7.85	20
Isopropylbenzene	25.0	88.6	5510	5090	108	100	200	67.4-136			7.83	20

L878994-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L878994-01 12/18/16 05:33 • (MS) R3185457-4 12/18/16 05:57 • (MSD) R3185457-5 12/18/16 06:20

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	25.0	U	4900	5270	98.0	105	200	61.4-136			7.21	20
Naphthalene	25.0	359	5360	5510	99.9	103	200	61.8-143			2.81	20
Toluene	25.0	7990	14100	13300	122	107	200	67.8-124			5.67	20
1,2,4-Trimethylbenzene	25.0	2220	7800	7330	112	102	200	60.5-137			6.20	20
1,3,5-Trimethylbenzene	25.0	621	6020	5560	108	98.8	200	67.9-134			7.85	20
Xylenes, Total	75.0	10600	27900	25600	115	100	200	65.6-133			8.29	20
(S) Toluene-d8					*107*	*103*		*90.0-115*				
(S) Dibromofluoromethane					*85.4*	*89.9*		*79.0-121*				
(S) 4-Bromofluorobenzene					*103*	*99.6*		*80.1-120*				

Abbreviations and Definitions

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Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

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Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

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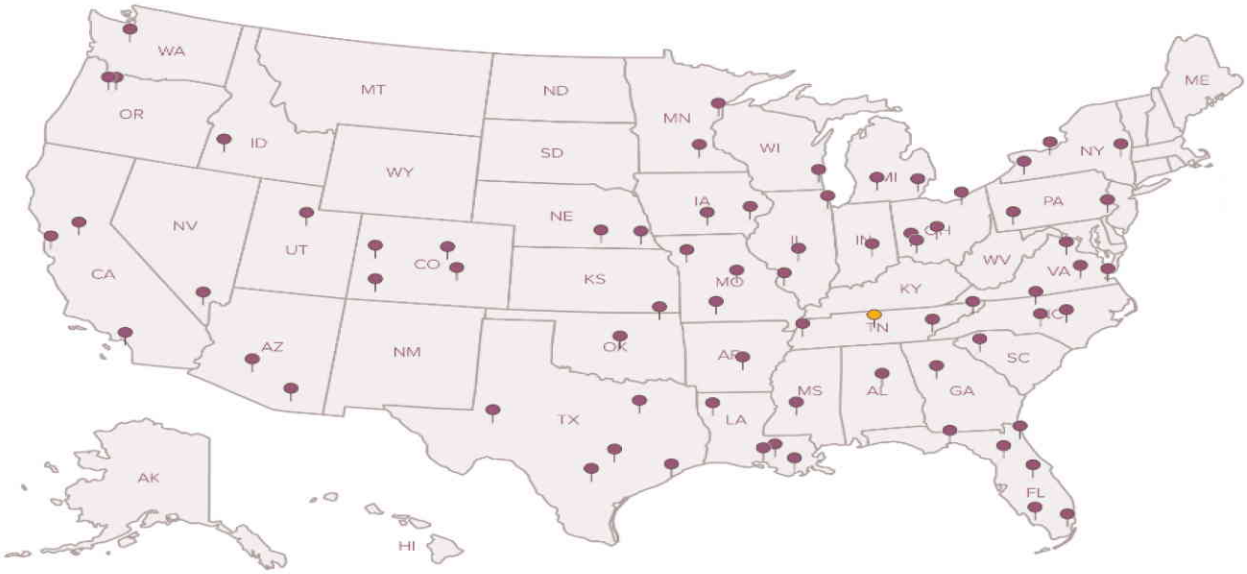

Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Groundwater

City/Sate Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: Adam Gaines

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature):

Packed on Ice N Y O

Rush? (Lab MUST Be Notified)
____ Same Day..... 200%
____ Next Day..... 100%
____ Two Day 50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260UGPA / 40mlAmb / HCl	Remarks/Contaminant	Sample # (lab only)
EW-1R	Grab	GW		12/14/16	1414	2	X		-01

Chain of Custody Page 1 of 1

Prepared by: I143

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode (lab use only)

Template/Prelogin

Shipped Via: L878994

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Kristin Lecky	12/14/16	1639	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Mark

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp:	Bottles Received:	Condition: (lab use only)
3.1	2=VP	OK GW Cocc
Date: 12-15-16	Time: 900	pH Checked: / NCF:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG#	L878994
Cooler Received/Opened On: 12/15/16	Temperature Upon Receipt:	3.1 °c
Received By: Michael Witherspoon		
Signature: Mwat		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?	—		
Were custody papers properly filled out?	—		
Did all bottles arrive in good condition?	—		
Were correct bottles used for the analyses requested?	—		
Was sufficient amount of sample sent in each bottle?	—		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			—
If applicable, was an observable VOA headspace present?		—	
Non Conformance Generated. (If yes see attached NCF)			

ATTACHMENT N

ANALYTICAL REPORT

November 17, 2016

Insite Group

Sample Delivery Group:	L871885
Samples Received:	11/10/2016
Project Number:	VALLEY VILLAGE
Description:	Groundwater
Site:	03-06500
Report To:	Ms. Sara Giordano 611 S. Irvine Avenue Sharon, PA 16146-1165

Entire Report Reviewed By:

Craig Cothron
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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MW-1R L871885-01 GW

Collected by: Adam Gaines | Collected date/time: 11/07/16 14:04 | Received date/time: 11/10/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	1	11/14/16 14:07	11/14/16 14:07	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	10	11/16/16 17:46	11/16/16 17:46	BMB

MW-3R L871885-02 GW

Collected by: Adam Gaines | Collected date/time: 11/07/16 13:47 | Received date/time: 11/10/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	1	11/14/16 14:31	11/14/16 14:31	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	10	11/16/16 17:58	11/16/16 17:58	BMB

MW-4R L871885-03 GW

Collected by: Adam Gaines | Collected date/time: 11/07/16 13:55 | Received date/time: 11/10/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	1	11/14/16 14:55	11/14/16 14:55	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	1	11/16/16 18:11	11/16/16 18:11	BMB

MW-51 L871885-04 GW

Collected by: Adam Gaines | Collected date/time: 11/07/16 14:10 | Received date/time: 11/10/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	1	11/14/16 15:19	11/14/16 15:19	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	10	11/16/16 18:24	11/16/16 18:24	BMB

EW-1R L871885-05 GW

Collected by: Adam Gaines | Collected date/time: 11/07/16 13:41 | Received date/time: 11/10/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	10	11/14/16 15:42	11/14/16 15:42	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG926234	100	11/16/16 18:36	11/16/16 18:36	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	954		3.31	10.0	10	11/16/2016 17:46	WG926234
Ethylbenzene	173		0.384	1.00	1	11/14/2016 14:07	WG926234
Isopropylbenzene	7.23		0.326	1.00	1	11/14/2016 14:07	WG926234
Methyl tert-butyl ether	1.63	J3	0.367	1.00	1	11/14/2016 14:07	WG926234
Naphthalene	21.6	J3	1.00	5.00	1	11/14/2016 14:07	WG926234
Toluene	388		7.80	50.0	10	11/16/2016 17:46	WG926234
1,2,4-Trimethylbenzene	110		0.373	1.00	1	11/14/2016 14:07	WG926234
1,3,5-Trimethylbenzene	28.9		0.387	1.00	1	11/14/2016 14:07	WG926234
Xylenes, Total	1260		10.6	30.0	10	11/16/2016 17:46	WG926234
(S) Toluene-d8	*99.8*			*90.0-115*		*11/16/2016 17:46*	WG926234
(S) Toluene-d8	*105*			*90.0-115*		*11/14/2016 14:07*	WG926234
(S) Dibromofluoromethane	*108*			*79.0-121*		*11/14/2016 14:07*	WG926234
(S) Dibromofluoromethane	*88.4*			*79.0-121*		*11/16/2016 17:46*	WG926234
(S) 4-Bromofluorobenzene	*108*			*80.1-120*		*11/16/2016 17:46*	WG926234
(S) 4-Bromofluorobenzene	*97.6*			*80.1-120*		*11/14/2016 14:07*	WG926234

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	403		3.31	10.0	10	11/16/2016 17:58	WG926234
Ethylbenzene	7.15		0.384	1.00	1	11/14/2016 14:31	WG926234
Isopropylbenzene	U		0.326	1.00	1	11/14/2016 14:31	WG926234
Methyl tert-butyl ether	2.50	J3	0.367	1.00	1	11/14/2016 14:31	WG926234
Naphthalene	U	J3	1.00	5.00	1	11/14/2016 14:31	WG926234
Toluene	365		7.80	50.0	10	11/16/2016 17:58	WG926234
1,2,4-Trimethylbenzene	1.07		0.373	1.00	1	11/14/2016 14:31	WG926234
1,3,5-Trimethylbenzene	0.767	J	0.387	1.00	1	11/14/2016 14:31	WG926234
Xylenes, Total	106		10.6	30.0	10	11/16/2016 17:58	WG926234
(S) Toluene-d8	*100*			*90.0-115*		*11/16/2016 17:58*	WG926234
(S) Toluene-d8	*104*			*90.0-115*		*11/14/2016 14:31*	WG926234
(S) Dibromofluoromethane	*94.5*			*79.0-121*		*11/14/2016 14:31*	WG926234
(S) Dibromofluoromethane	*89.4*			*79.0-121*		*11/16/2016 17:58*	WG926234
(S) 4-Bromofluorobenzene	*107*			*80.1-120*		*11/16/2016 17:58*	WG926234
(S) 4-Bromofluorobenzene	*102*			*80.1-120*		*11/14/2016 14:31*	WG926234

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	8.80		0.331	1.00	1	11/16/2016 18:11	WG926234
Ethylbenzene	0.409	J	0.384	1.00	1	11/14/2016 14:55	WG926234
Isopropylbenzene	U		0.326	1.00	1	11/14/2016 14:55	WG926234
Methyl tert-butyl ether	2.32	J3	0.367	1.00	1	11/14/2016 14:55	WG926234
Naphthalene	U	J3	1.00	5.00	1	11/14/2016 14:55	WG926234
Toluene	2.98	J	0.780	5.00	1	11/16/2016 18:11	WG926234
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/14/2016 14:55	WG926234
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/14/2016 14:55	WG926234
Xylenes, Total	3.77		1.06	3.00	1	11/16/2016 18:11	WG926234
(S) Toluene-d8	*98.6*			*90.0-115*		*11/16/2016 18:11*	WG926234
(S) Toluene-d8	*99.4*			*90.0-115*		*11/14/2016 14:55*	WG926234
(S) Dibromofluoromethane	*96.8*			*79.0-121*		*11/14/2016 14:55*	WG926234
(S) Dibromofluoromethane	*91.2*			*79.0-121*		*11/16/2016 18:11*	WG926234
(S) 4-Bromofluorobenzene	*72.1*	J2		*80.1-120*		*11/16/2016 18:11*	WG926234
(S) 4-Bromofluorobenzene	*50.6*	J2		*80.1-120*		*11/14/2016 14:55*	WG926234

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	913		3.31	10.0	10	11/16/2016 18:24	WG926234
Ethylbenzene	159		0.384	1.00	1	11/14/2016 15:19	WG926234
Isopropylbenzene	6.76		0.326	1.00	1	11/14/2016 15:19	WG926234
Methyl tert-butyl ether	1.58	J3	0.367	1.00	1	11/14/2016 15:19	WG926234
Naphthalene	16.7	J3	1.00	5.00	1	11/14/2016 15:19	WG926234
Toluene	352		7.80	50.0	10	11/16/2016 18:24	WG926234
1,2,4-Trimethylbenzene	101		0.373	1.00	1	11/14/2016 15:19	WG926234
1,3,5-Trimethylbenzene	26.7		0.387	1.00	1	11/14/2016 15:19	WG926234
Xylenes, Total	1130		10.6	30.0	10	11/16/2016 18:24	WG926234
(S) Toluene-d8	*99.8*			*90.0-115*		*11/16/2016 18:24*	WG926234
(S) Toluene-d8	*106*			*90.0-115*		*11/14/2016 15:19*	WG926234
(S) Dibromofluoromethane	*106*			*79.0-121*		*11/14/2016 15:19*	WG926234
(S) Dibromofluoromethane	*90.2*			*79.0-121*		*11/16/2016 18:24*	WG926234
(S) 4-Bromofluorobenzene	*106*			*80.1-120*		*11/16/2016 18:24*	WG926234
(S) 4-Bromofluorobenzene	*99.5*			*80.1-120*		*11/14/2016 15:19*	WG926234

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	4130		33.1	100	100	11/16/2016 18:36	WG926234
Ethylbenzene	1700		3.84	10.0	10	11/14/2016 15:42	WG926234
Isopropylbenzene	77.7		3.26	10.0	10	11/14/2016 15:42	WG926234
Methyl tert-butyl ether	4.84	J J3	3.67	10.0	10	11/14/2016 15:42	WG926234
Naphthalene	341	J3	10.0	50.0	10	11/14/2016 15:42	WG926234
Toluene	6880		78.0	500	100	11/16/2016 18:36	WG926234
1,2,4-Trimethylbenzene	1740		3.73	10.0	10	11/14/2016 15:42	WG926234
1,3,5-Trimethylbenzene	647		3.87	10.0	10	11/14/2016 15:42	WG926234
Xylenes, Total	10200		106	300	100	11/16/2016 18:36	WG926234
(S) Toluene-d8	*99.8*			*90.0-115*		*11/16/2016 18:36*	WG926234
(S) Toluene-d8	*105*			*90.0-115*		*11/14/2016 15:42*	WG926234
(S) Dibromofluoromethane	*94.0*			*79.0-121*		*11/14/2016 15:42*	WG926234
(S) Dibromofluoromethane	*87.1*			*79.0-121*		*11/16/2016 18:36*	WG926234
(S) 4-Bromofluorobenzene	*106*			*80.1-120*		*11/16/2016 18:36*	WG926234
(S) 4-Bromofluorobenzene	*99.4*			*80.1-120*		*11/14/2016 15:42*	WG926234

Method Blank (MB)

(MB) R3177869-2 11/14/16 08:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Isopropylbenzene	U		0.326	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.780	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*102*			*90.0-115*
(S) Dibromofluoromethane	*92.8*			*79.0-121*
(S) 4-Bromofluorobenzene	*101*			*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3177869-1 11/14/16 06:54 • (LCSD) R3177869-3 11/14/16 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	25.2	23.2	101	92.8	73.0-122			8.34	20
Ethylbenzene	25.0	26.4	24.6	106	98.2	80.9-121			7.17	20
Isopropylbenzene	25.0	25.8	24.1	103	96.5	81.6-124			6.92	20
Methyl tert-butyl ether	25.0	27.5	20.6	110	82.3	70.1-125		J3	28.7	20
Naphthalene	25.0	33.0	21.4	132	85.4	69.7-134		J3	42.9	20
Toluene	25.0	26.3	24.0	105	95.9	77.9-116			9.17	20
1,2,4-Trimethylbenzene	25.0	26.0	23.8	104	95.1	79.0-122			8.86	20
1,3,5-Trimethylbenzene	25.0	25.9	23.4	104	93.6	81.0-123			10.2	20
Xylenes, Total	75.0	78.5	72.8	105	97.0	79.2-122			7.58	20
(S) Toluene-d8				*103*	*104*	*90.0-115*				
(S) Dibromofluoromethane				*91.7*	*92.7*	*79.0-121*				
(S) 4-Bromofluorobenzene				*98.5*	*101*	*80.1-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

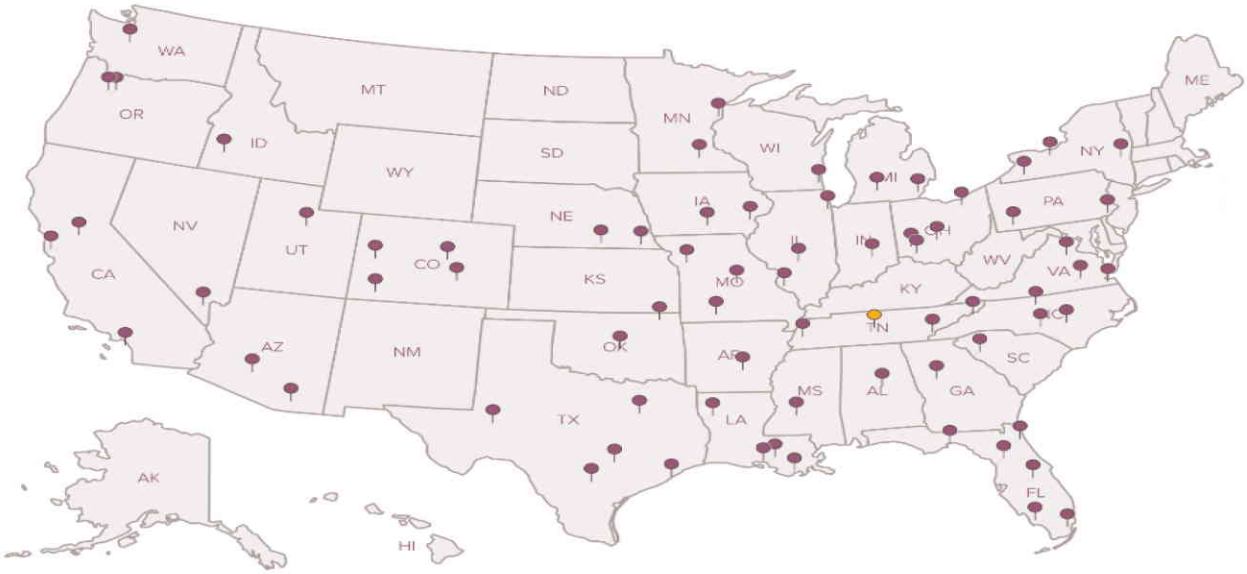
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

Alternate billing information: INSITE080614S

Report to: Sara Giordano

Email to: lab@insitegroup.org

Project Description: Groundwater

City/State Collected: KITTANNING, PA

Phone: 724 347 2101
FAX: 724 347 2139

Client Project #: VALLEY VILLAGE

ESC Key: INSITE080614S

Collected by: Adam Gaines

Site/Facility ID#: 03-06500

P.O.#:

Collected by (signature): Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day..... 200%
____ Next Day..... 100%
____ Two Day..... 50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260UGPA / 40mlAmb / HCl	Remarks/Contaminant	Sample # (lab only)
MW-1R	Grab	GW		11/07/16	1404	2	X		671805-01
MW-3R	Grab	GW		11/07/16	1347	2	X		-02
MW-4R	Grab	GW		11/07/16	1355	2	X		-03
MW-51	Grab	GW		11/07/16	1410	2	X		-04
EW-1R	Grab	GW		11/07/16	1341	2	X		-05

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

C158

CoCode (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: D1 PRIORITY

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Kristin Kelly	11/9/16	1530	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Joseph R

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 2.6 | Bottles Received: 10 VP

Date: 11-10-16 | Time: 0900

Condition: NCF | (lab use only) a

COC Sig

pH Checked: | NCF:

ESC
LAB SCIENCES
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: INSITE	SDG# 471685
Cooler Received/Opened On: 11/10/16	Temperature Upon Receipt: 2.6 °c
Received By: Joseph Roberts	
Signature: Joseph R.	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?			✓
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)	✓		
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

ATTACHMENT O

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

December 13, 2016

Ms. Sara Giordano
Insite Group, Inc.
611 S. Irvine Ave.
Sharon, PA 16146

RE: Project: Valley Village-QTR
Pace Project No.: 30204373

Dear Ms. Giordano:
Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Samantha Bayura

Samantha Bayura
samantha.bayura@pacelabs.com
Project Manager

Enclosures

cc: Insite Group, Insite Group, Inc.
Kristin Kelly, Insite Group

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CERTIFICATIONS

Project: Valley Village-QTR
Pace Project No.: 30204373

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

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SAMPLE ANALYTE COUNT

Project: Valley Village-QTR
Pace Project No.: 30204373

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30204373001	MW-1R	EPA 8260B	JAS	13	PASI-PA
30204373002	MW-3R	EPA 8260B	JAS	13	PASI-PA
30204373003	MW-4R	EPA 8260B	JAS	13	PASI-PA
30204373004	MW-5	EPA 8260B	JAS	13	PASI-PA
30204373005	MW-6	EPA 8260B	JAS	13	PASI-PA
30204373006	MW-7	EPA 8260B	JAS	13	PASI-PA
30204373007	MW-8	EPA 8260B	JAS	13	PASI-PA
30204373008	MW-9	EPA 8260B	JAS	13	PASI-PA
30204373009	MW-10	EPA 8260B	JAS	13	PASI-PA
30204373010	MW-11	EPA 8260B	JAS	13	PASI-PA
30204373011	MW-12	EPA 8260B	JAS	13	PASI-PA
30204373012	MW-51	EPA 8260B	JAS	13	PASI-PA
30204373013	EW-1R	EPA 8260B	JAS	13	PASI-PA
30204373014	EW-2	EPA 8260B	JAS	13	PASI-PA

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-1R **Lab ID: 30204373001** Collected: 12/02/16 10:47 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**289**	ug/L	1.0	1		12/09/16 04:03	71-43-2	
Ethylbenzene	**15.0**	ug/L	1.0	1		12/09/16 04:03	100-41-4	
Isopropylbenzene (Cumene)	**1.1**	ug/L	1.0	1		12/09/16 04:03	98-82-8	
Methyl-tert-butyl ether	**1.1**	ug/L	1.0	1		12/09/16 04:03	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 04:03	91-20-3	
Toluene	**5.0**	ug/L	1.0	1		12/09/16 04:03	108-88-3	
1,2,4-Trimethylbenzene	**12.0**	ug/L	1.0	1		12/09/16 04:03	95-63-6	
1,3,5-Trimethylbenzene	**4.4**	ug/L	1.0	1		12/09/16 04:03	108-67-8	
Xylene (Total)	**55.8**	ug/L	3.0	1		12/09/16 04:03	1330-20-7	
Surrogates								
Toluene-d8 (S)	95	%	84-115	1		12/09/16 04:03	2037-26-5	
4-Bromofluorobenzene (S)	101	%	81-119	1		12/09/16 04:03	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	77-126	1		12/09/16 04:03	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1		12/09/16 04:03	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-3R **Lab ID: 30204373002** Collected: 12/02/16 10:54 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**757**	ug/L	50.0	50		12/09/16 10:22	71-43-2	
Ethylbenzene	**76.4**	ug/L	1.0	1		12/09/16 09:57	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 09:57	98-82-8	
Methyl-tert-butyl ether	**7.6**	ug/L	1.0	1		12/09/16 09:57	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 09:57	91-20-3	
Toluene	**210**	ug/L	1.0	1		12/09/16 09:57	108-88-3	
1,2,4-Trimethylbenzene	**15.3**	ug/L	1.0	1		12/09/16 09:57	95-63-6	
1,3,5-Trimethylbenzene	**10.3**	ug/L	1.0	1		12/09/16 09:57	108-67-8	
Xylene (Total)	**728**	ug/L	3.0	1		12/09/16 09:57	1330-20-7	
Surrogates								
Toluene-d8 (S)	95	%	84-115	1		12/09/16 09:57	2037-26-5	
4-Bromofluorobenzene (S)	103	%	81-119	1		12/09/16 09:57	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	77-126	1		12/09/16 09:57	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1		12/09/16 09:57	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-4R **Lab ID: 30204373003** Collected: 12/02/16 11:00 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 04:28	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 04:28	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 04:28	98-82-8	
Methyl-tert-butyl ether	**3.5**	ug/L	1.0	1		12/09/16 04:28	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 04:28	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 04:28	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 04:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 04:28	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 04:28	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	84-115	1		12/09/16 04:28	2037-26-5	
4-Bromofluorobenzene (S)	92	%	81-119	1		12/09/16 04:28	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	77-126	1		12/09/16 04:28	17060-07-0	
Dibromofluoromethane (S)	106	%	70-130	1		12/09/16 04:28	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-5 **Lab ID: 30204373004** Collected: 12/02/16 11:44 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 04:53	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 04:53	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 04:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 04:53	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 04:53	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 04:53	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 04:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 04:53	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 04:53	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	84-115	1		12/09/16 04:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%	81-119	1		12/09/16 04:53	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	77-126	1		12/09/16 04:53	17060-07-0	
Dibromofluoromethane (S)	103	%	70-130	1		12/09/16 04:53	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-6 **Lab ID: 30204373005** Collected: 12/02/16 11:50 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 05:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 05:19	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 05:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 05:19	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 05:19	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 05:19	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 05:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 05:19	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 05:19	1330-20-7	
Surrogates								
Toluene-d8 (S)	88	%	84-115	1		12/09/16 05:19	2037-26-5	
4-Bromofluorobenzene (S)	97	%	81-119	1		12/09/16 05:19	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	77-126	1		12/09/16 05:19	17060-07-0	
Dibromofluoromethane (S)	107	%	70-130	1		12/09/16 05:19	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-7 **Lab ID: 30204373006** Collected: 12/02/16 11:08 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 05:44	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 05:44	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 05:44	98-82-8	
Methyl-tert-butyl ether	**1.5**	ug/L	1.0	1		12/09/16 05:44	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 05:44	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 05:44	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 05:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 05:44	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 05:44	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	84-115	1		12/09/16 05:44	2037-26-5	
4-Bromofluorobenzene (S)	90	%	81-119	1		12/09/16 05:44	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	77-126	1		12/09/16 05:44	17060-07-0	
Dibromofluoromethane (S)	103	%	70-130	1		12/09/16 05:44	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-8 **Lab ID: 30204373007** Collected: 12/02/16 11:13 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**96.3**	ug/L	1.0	1		12/09/16 06:09	71-43-2	
Ethylbenzene	**3.9**	ug/L	1.0	1		12/09/16 06:09	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 06:09	98-82-8	
Methyl-tert-butyl ether	**203**	ug/L	1.0	1		12/09/16 06:09	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 06:09	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 06:09	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 06:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 06:09	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 06:09	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	84-115	1		12/09/16 06:09	2037-26-5	
4-Bromofluorobenzene (S)	103	%	81-119	1		12/09/16 06:09	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	77-126	1		12/09/16 06:09	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1		12/09/16 06:09	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-9 **Lab ID: 30204373008** Collected: 12/02/16 11:19 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 06:34	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 06:34	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 06:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 06:34	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 06:34	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 06:34	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 06:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 06:34	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 06:34	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	84-115	1		12/09/16 06:34	2037-26-5	
4-Bromofluorobenzene (S)	96	%	81-119	1		12/09/16 06:34	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	77-126	1		12/09/16 06:34	17060-07-0	
Dibromofluoromethane (S)	100	%	70-130	1		12/09/16 06:34	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-10 **Lab ID: 30204373009** Collected: 12/02/16 11:25 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 07:00	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 07:00	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 07:00	98-82-8	
Methyl-tert-butyl ether	**23.3**	ug/L	1.0	1		12/09/16 07:00	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 07:00	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 07:00	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 07:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 07:00	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 07:00	1330-20-7	
Surrogates								
Toluene-d8 (S)	89	%	84-115	1		12/09/16 07:00	2037-26-5	
4-Bromofluorobenzene (S)	100	%	81-119	1		12/09/16 07:00	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	77-126	1		12/09/16 07:00	17060-07-0	
Dibromofluoromethane (S)	100	%	70-130	1		12/09/16 07:00	1868-53-7	

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-11 **Lab ID: 30204373010** Collected: 12/02/16 11:30 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 07:25	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 07:25	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 07:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 07:25	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 07:25	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 07:25	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 07:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 07:25	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 07:25	1330-20-7	
Surrogates								
Toluene-d8 (S)	91	%	84-115	1		12/09/16 07:25	2037-26-5	
4-Bromofluorobenzene (S)	96	%	81-119	1		12/09/16 07:25	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	77-126	1		12/09/16 07:25	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1		12/09/16 07:25	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-12 **Lab ID: 30204373011** Collected: 12/02/16 11:36 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/09/16 07:50	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/09/16 07:50	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/09/16 07:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 07:50	1634-04-4	CH
Naphthalene	ND	ug/L	2.0	1		12/09/16 07:50	91-20-3	
Toluene	ND	ug/L	1.0	1		12/09/16 07:50	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 07:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/09/16 07:50	108-67-8	
Xylene (Total)	ND	ug/L	3.0	1		12/09/16 07:50	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	84-115	1		12/09/16 07:50	2037-26-5	
4-Bromofluorobenzene (S)	97	%	81-119	1		12/09/16 07:50	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	77-126	1		12/09/16 07:50	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1		12/09/16 07:50	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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(724)850-5600

ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: MW-51 **Lab ID: 30204373012** Collected: 12/02/16 10:45 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**273**	ug/L	1.0	1		12/09/16 08:15	71-43-2	
Ethylbenzene	**13.3**	ug/L	1.0	1		12/09/16 08:15	100-41-4	
Isopropylbenzene (Cumene)	**1.1**	ug/L	1.0	1		12/09/16 08:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/09/16 08:15	1634-04-4	CH
Naphthalene	**2.1**	ug/L	2.0	1		12/09/16 08:15	91-20-3	
Toluene	**4.7**	ug/L	1.0	1		12/09/16 08:15	108-88-3	
1,2,4-Trimethylbenzene	**11.9**	ug/L	1.0	1		12/09/16 08:15	95-63-6	
1,3,5-Trimethylbenzene	**4.1**	ug/L	1.0	1		12/09/16 08:15	108-67-8	
Xylene (Total)	**51.8**	ug/L	3.0	1		12/09/16 08:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	93	%	84-115	1		12/09/16 08:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%	81-119	1		12/09/16 08:15	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	77-126	1		12/09/16 08:15	17060-07-0	
Dibromofluoromethane (S)	100	%	70-130	1		12/09/16 08:15	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: EW-1R **Lab ID: 30204373013** Collected: 12/02/16 10:32 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**3280**	ug/L	50.0	50		12/09/16 11:39	71-43-2	
Ethylbenzene	**1470**	ug/L	50.0	50		12/09/16 11:39	100-41-4	
Isopropylbenzene (Cumene)	**87.0**	ug/L	1.0	1		12/09/16 08:41	98-82-8	
Methyl-tert-butyl ether	**2.4**	ug/L	1.0	1		12/09/16 08:41	1634-04-4	CH
Naphthalene	**282**	ug/L	2.0	1		12/09/16 08:41	91-20-3	
Toluene	**4510**	ug/L	50.0	50		12/09/16 11:39	108-88-3	
1,2,4-Trimethylbenzene	**1670**	ug/L	50.0	50		12/09/16 11:39	95-63-6	
1,3,5-Trimethylbenzene	**595**	ug/L	50.0	50		12/09/16 11:39	108-67-8	
Xylene (Total)	**8630**	ug/L	150	50		12/09/16 11:39	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	84-115	1		12/09/16 08:41	2037-26-5	
4-Bromofluorobenzene (S)	110	%	81-119	1		12/09/16 08:41	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	77-126	1		12/09/16 08:41	17060-07-0	
Dibromofluoromethane (S)	89	%	70-130	1		12/09/16 08:41	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Valley Village-QTR
Pace Project No.: 30204373

Sample: EW-2 **Lab ID: 30204373014** Collected: 12/02/16 10:27 Received: 12/06/16 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV	Analytical Method: EPA 8260B							
Benzene	**482**	ug/L	10.0	10		12/09/16 12:30	71-43-2	
Ethylbenzene	**108**	ug/L	1.0	1		12/09/16 12:04	100-41-4	
Isopropylbenzene (Cumene)	**5.3**	ug/L	1.0	1		12/09/16 12:04	98-82-8	
Methyl-tert-butyl ether	**19.9**	ug/L	1.0	1		12/09/16 12:04	1634-04-4	CH
Naphthalene	**64.5**	ug/L	2.0	1		12/09/16 12:04	91-20-3	
Toluene	**6.5**	ug/L	1.0	1		12/09/16 12:04	108-88-3	
1,2,4-Trimethylbenzene	**289**	ug/L	1.0	1		12/09/16 12:04	95-63-6	
1,3,5-Trimethylbenzene	**17.8**	ug/L	1.0	1		12/09/16 12:04	108-67-8	
Xylene (Total)	**47.5**	ug/L	3.0	1		12/09/16 12:04	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	84-115	1		12/09/16 12:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%	81-119	1		12/09/16 12:04	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	77-126	1		12/09/16 12:04	17060-07-0	
Dibromofluoromethane (S)	105	%	70-130	1		12/09/16 12:04	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Valley Village-QTR
Pace Project No.: 30204373

QC Batch: 242737 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 30204373001, 30204373002, 30204373003, 30204373004, 30204373005, 30204373006, 30204373007, 30204373008, 30204373009, 30204373010, 30204373011, 30204373012, 30204373013, 30204373014

METHOD BLANK: 1193092 Matrix: Water
Associated Lab Samples: 30204373001, 30204373002, 30204373003, 30204373004, 30204373005, 30204373006, 30204373007, 30204373008, 30204373009, 30204373010, 30204373011, 30204373012, 30204373013, 30204373014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/09/16 01:57	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/09/16 01:57	
Benzene	ug/L	ND	1.0	12/09/16 01:57	
Ethylbenzene	ug/L	ND	1.0	12/09/16 01:57	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/09/16 01:57	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/09/16 01:57	CH
Naphthalene	ug/L	ND	2.0	12/09/16 01:57	
Toluene	ug/L	ND	1.0	12/09/16 01:57	
Xylene (Total)	ug/L	ND	3.0	12/09/16 01:57	
1,2-Dichloroethane-d4 (S)	%	117	77-126	12/09/16 01:57	
4-Bromofluorobenzene (S)	%	96	81-119	12/09/16 01:57	
Dibromofluoromethane (S)	%	103	70-130	12/09/16 01:57	
Toluene-d8 (S)	%	90	84-115	12/09/16 01:57	

LABORATORY CONTROL SAMPLE: 1193093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	18.9	95	75-128	
1,3,5-Trimethylbenzene	ug/L	20	19.3	97	74-125	
Benzene	ug/L	20	19.4	97	69-115	
Ethylbenzene	ug/L	20	18.8	94	71-116	
Isopropylbenzene (Cumene)	ug/L	20	19.2	96	79-121	
Methyl-tert-butyl ether	ug/L	20	20.9	104	83-140	CH
Naphthalene	ug/L	20	18.1	91	64-140	
Toluene	ug/L	20	19.3	96	70-115	
Xylene (Total)	ug/L	60	58.2	97	73-118	
1,2-Dichloroethane-d4 (S)	%			114	77-126	
4-Bromofluorobenzene (S)	%			98	81-119	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			97	84-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193094 1193095

Parameter	Units	30204515001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.0	101	95	69-121	6	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	19.6	104	98	68-118	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Valley Village-QTR
Pace Project No.: 30204373

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193094 1193095

Parameter	Units	30204515001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	20.2	20.0	101	100	63-123	1	
Ethylbenzene	ug/L	ND	20	20	20.2	19.3	101	97	70-120	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.4	19.8	102	99	71-129	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.9	23.2	115	116	63-143	1	CH
Naphthalene	ug/L	ND	20	20	17.7	16.5	88	82	55-122	7	
Toluene	ug/L	ND	20	20	20.4	19.5	102	97	66-124	5	
Xylene (Total)	ug/L	ND	60	60	61.1	58.5	102	98	68-123	4	
1,2-Dichloroethane-d4 (S)	%						116	119	77-126		
4-Bromofluorobenzene (S)	%						101	100	81-119		
Dibromofluoromethane (S)	%						105	107	70-130		
Toluene-d8 (S)	%						97	101	84-115		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Valley Village-QTR
Pace Project No.: 30204373

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Valley Village-QTR
Pace Project No.: 30204373

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30204373001	MW-1R	EPA 8260B	242737		
30204373002	MW-3R	EPA 8260B	242737		
30204373003	MW-4R	EPA 8260B	242737		
30204373004	MW-5	EPA 8260B	242737		
30204373005	MW-6	EPA 8260B	242737		
30204373006	MW-7	EPA 8260B	242737		
30204373007	MW-8	EPA 8260B	242737		
30204373008	MW-9	EPA 8260B	242737		
30204373009	MW-10	EPA 8260B	242737		
30204373010	MW-11	EPA 8260B	242737		
30204373011	MW-12	EPA 8260B	242737		
30204373012	MW-51	EPA 8260B	242737		
30204373013	EW-1R	EPA 8260B	242737		
30204373014	EW-2	EPA 8260B	242737		

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CHAIN-OF-CUSTODY / Analytical Request Docu

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed ac

WO#:30204373

30204373

Section A
Required Client Information:

Company:	Insite Group, Inc
Address:	611 South Irvine Avene
	Sharon, PA 16146
Email To:	lab@insitegroup.org
Phone: 724-347-2101	Fax: 724-347-2139
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Sara Giordano
Copy To:	
Purchase Order No.:	
Project Name:	Valley Village - QTR
Project Number:	03-06500

Section C
Invoice Information:

Attention:	Sara Giordano
Company Name:	Insite Group, Inc.
Address:	(same)
Pace Quote Reference:	
Pace Project Manager:	Samantha Bayura
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER _____

Site Location
STATE: PA

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information / SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOA 8260 Volatiles (New PA UST shortlist - unleaded)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1R	WT	G			12/02/16	1047		3				X					X	X		001
2	MW-3R	WT	G			12/02/16	1054		3				X					X	X		002
3	MW-4R	WT	G			12/02/16	1100		3				X					X	X		003
4	MW-5	WT	G			12/02/16	1144		3				X					X	X		004
5	MW-6	WT	G			12/02/16	1150		3				X					X	X		005
6	MW-7	WT	G			12/02/16	1108		3				X					X	X		006
7	MW-8	WT	G			12/02/16	1113		3				X					X	X		007
8	MW-9	WT	G			12/02/16	1119		3				X					X	X		008
9	MW-10	WT	G			12/02/16	1125		3				X					X	X		009
10	MW-11	WT	G			12/02/16	1130		3				X					X	X		010
11	MW-12	WT	G			12/02/16	1136		3				X					X	X		011
12	MW-51	WT	G			12/02/16	1045		3				X					X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Kristen Kelly	12/5/16	1506	Aymar Mulcahey Pace	12/6/16	1045	1.3 Y Y Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ADAM GAVIS

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/2/16

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

30204373

Page: 2 of 2

Section A Required Client Information:

Company:	Insite Group, Inc
Address:	611 South Irvine Avene
	Sharon, PA 16146
Email To:	lab@insitegroup.org
Phone: 724-347-2101	Fax: 724-347-2139
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Sara Giordano
Copy To:	
Purchase Order No.:	
Project Name:	Valley Village - QTR
Project Number:	03-06500

Section C Invoice Information:

Attention:	Sara Giordano
Company Name:	Insite Group, Inc.
Address:	(same)
Pace Quote Reference:	
Pace Project Manager:	Samantha Bayura
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	Section D: SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOA 8260 Volatiles (New PA UST shortlist - unleaded)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EW-1R	WT	G			12/02/16	1032		3				X						X		013
2	EW-2	WT	G			12/02/16	1027		3				X						X		014
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp In °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Kristen Kelly	12/5/16	1506	Aymark Mudrancy Pace	12/6/16	1045	1.3	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ADAM GAWES

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/2/16

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: Insite Project # 30204373

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 7848 1403 1313

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Thermometer Used 8 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 1.2 °C Correction Factor: +0.1 °C Final Temp: 1.3 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: APM 12/16/16

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:	✓			4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: WT	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used: -Pace Containers Used:	✓			10.
Containers Intact:	✓			11.
Filtered volume received for Dissolved tests			✓	12.
All containers needing preservation have been checked. All containers needing preservation are found to be in compliance with EPA recommendation.			✓	13.
exceptions: VOA coliform, TOC, O&G, Phenolics				Initial when completed: APM Date/time of preservation; Lot # of added preservative
Headspace in VOA Vials (>6mm):		✓		14.
Trip Blank Present:		✓		15.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr			✓	Initial when completed: APM Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.